

New York State College of Agriculture and Life Sciences
a Statutory College of the State University
Cornell University

Department of Natural Resources
Fernow Hall, Ithaca, N. Y. 14853-0188

Fishery Science
Forest Science
Wildlife Science
Natural Resources
Resource Policy
and Planning
Aquatic Science

November 9, 1987

Status Report: NYAFS Ad Hoc Committee on the Status of Women and Minorities in Natural Resources, Report for NYAFS Executive Committee Meeting, November 19, 1987

Activities since last report:

Additional data (largely through 1985) have been collected from The Wildlife Society and civil service records of DEC and OPR regarding women and minority participation in education and professional employment.

Both the New York Chapter of The Wildlife Society and the New York Society of American Foresters responded positively to the invitation to create a joint society committee to pursue this topic. Both organizations are in the process of identifying potential members from within their own ranks to serve on the committee.

Future Activities:

Once the joint society committee membership is determined, an organizational meeting will be scheduled to review the progress made by this NYAFS Ad Hoc committee, select a chair for the joint society committee, and determine an appropriate agenda of activities to pursue to meet our original charge. I anticipate this organizational meeting will take place early in 1988.

Respectfully submitted,

Barbara A. Knuth

cc: M. Duttweiler, J. Lassoie, L. Suprenant

BAK/lo



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE

Northeast Fisheries Center
Woods Hole, MA 02543

10 November 1987

Robert E. Lang
NY DEC, Bureau of Fish
50 Wolf Road, Room 518
Albany, NY 12233

Dear Bob;

The Newsletter of the Northeastern Division of the American Fisheries Society is an excellent means of communicating with the membership. If there are items pertaining to the activities of your Division Chapter that you wish to share with the membership, please submit them to the Editor, Henry Booke, at the following address:

Dr. Henry E. Booke
MA Cooperative Fishery Research Unit
Holdsworth Hall
University of Massachusetts
Amherst, MA 01003

(413) 545-2757

This year we will have three issues (the first issue is already at the printers). Because of the dates for the Annual Meeting, the deadline for submittal of items for the next issue is 15 January 1988. The third issue will be published and distributed after the Annual Meeting.

Thanks for your help,

John Boreman
Chair, NEAFS Newsletter Committee

BUREAU OF
FISHERIES
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NOV 13 1987

GREEN ISLANDS
SECTION



Speed Letter

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To BOB LANGRISHFrom RAY TUTTLESubject RESOLUTIONS COMMITTEE PROGRESS REPORT - 1987

MESSAGE

Date 10 NOV. 1987

As you are aware I submitted a request to the membership through the Newsletter seeking ideas — none have been forthcoming. As we discussed I will await a copy of our last resolution for reference — I also await Dieter's submission — I will transmit that to Leslie for inclusion in the next Newsletter. Hopefully, additional suggestions will arrive prior to our annual meeting —

Sorry to miss the EXCOM meeting.
But if you have any questions.

Signed



REPLY

Date _____ 19__

BUREAU OF
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NOV 12 1987

SECTION

Signed

(X)

August 20, 1987

Mr. Herbert E. Doig
Assistant Commissioner for
Fish, Wildlife & Marine Resources
NYS Dept. of Environmental Conservation
50 Wolf Road - Room 604
Albany, New York 12233-1012

Dear Mr. Doig:

The New York Chapter of the American Fisheries Society is pleased to renew its endorsement of New York State's Return a Gift to Wildlife program.

The many important projects funded by the Return a Gift to Wildlife program since it began in 1982 are testimony to the importance and necessity of maintaining its vitality. The New York Chapter of AFS has always had a strong commitment to enlightened management of natural resources in New York State and we view the Return a Gift to Wildlife program as an essential element to achieve this.

The Chapter would sincerely welcome the opportunity to work more closely with the Department of Environmental Conservation on the Return a Gift to Wildlife program in the future. We have a large, diverse membership of aquatic/marine resource professionals and a tradition of dynamic achievement. Please don't hesitate to ask for any type of assistance for this important program.

Sincerely,

Robert E. Lange
President
New York Chapter, AFS

REL:lmc

4

NEWSLETTER COMMITTEE REPORT

Joe Buttner, assistant editor, and I have been busy preparing the December 1987 issue of the Newsletter. It has been sent to Joe Gorsuch at Eastman Kodak for printing. It looks like we will be able to beat the holiday mail rush!

Very little input to the Newsletter has been received from members - a few compliments (which are always welcomed!), but no news.

I am working on starting a column from the New York State Water Pollution Control Federation. I have offered the deal that we may be interested in contributing to their newsletter if they contribute to ours. Any feedback from the executive committee?

The next issue of the Newsletter will be distributed in March 1988.

Happy Holidays!

November 23, 1987

Carl R. Sullivan
Executive Director
American Fisheries Society
5410 Grosvenor Lane, Suite 110
Bethesda, Maryland 20814-2199

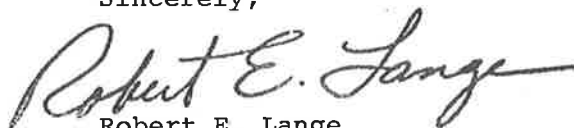
Dear Carl:

The Executive Committee of the New York Chapter considered the Resolution of Support for the Arizona - New Mexico Chapter at a recent meeting. There was a sense among EXCOM members that the resolution was a reaction to a problem that exists for members of the Arizona - New Mexico Chapter in terms of employer support for participation in Chapter activities. The New York Chapter EXCOM felt strongly that no such problem existed in New York and that a resolution of support was not necessary.

Some EXCOM members expressed a concern that such a resolution could actually be counterproductive by appearing to be a manifesto that could threaten supervisors' discretion to approve travel of subordinates. It was felt that Chapter supporters among senior agency staff could informally exert influence on supervisors' attitudes and that this would be more effective than the direct, more confrontational approach represented by the resolution.

Thanks for the opportunity to review this very interesting idea.

Sincerely,

A handwritten signature in dark ink, reading "Robert E. Lange". The signature is fluid and cursive, with a long horizontal stroke at the end.

Robert E. Lange
President

cc: A. Incerpi
F. Panek
J. Hasse

REL:lmc



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

345 Coddington Road
Ithaca, NY 14850

January 29, 1986

The Honorable Hugh T. Farley
New York State Senate
Legislative Office Building
Albany, NY 12247

Dear Senator Farley:

It has come to the attention of the New York Chapter of the American Fisheries Society (NYCAFS) that there is a loophole in Article 35 of the Environmental Conservation Law (ECL) which permits the marketing of laundry additives that contain phosphorus. Because of the benefits obtained from improved water quality in New York State since the phosphorus ban in detergents, the Chapter believes that those loopholes should be closed, thereby preventing a backslide in water quality. In addition, while reviewing Article 35 we concluded that some additional restrictions should be placed on phosphorus in other household cleansing products.

The NYCAFS is an organization of over 250 resource professionals committed to conservation and environmental quality in New York State and the nation. We are pleased with the great strides in the improvement of water quality in New York State over the last three decades, but see the need for still more improvement. Therefore, the Chapter is very concerned when improvements which all environmentalists and conservationists have worked hard to attain are jeopardized.

To eliminate this new threat to water quality, the Chapter suggests the following changes to Article 35 of the ECL. First, in the first sentence of Section 35-0103 1. delete "..., containing a surfactant as a wetting or dirt-emulsifying agent..." There are some laundry additives available on market shelves right now which contain no surfactants, but contain as much as 10% phosphorus. Instructions on the box call for addition to laundry amounts that equal phosphorus inputs from the old phosphorus detergents. Deletion of this phrase will neither weaken the law, nor do no more than close the loophole to prevent the addition of large quantities of phosphorus to household laundries.

The second change we suggest is to limit the dishwasher exception in Section 35-0105 2. to commercial dishwashers. Since the law was passed many more households in the state are using dishwashers and we are concerned that the phosphorus load from household dishwashers is now far more than 15-20 years ago. The phosphorus content in those dishwasher products which contain it is up to 10%. This would be sufficient to create a significant phosphorus input to surface waters if all households were using them. Dishwasher products without phosphorus are effective so we don't believe this new restriction would adversely affect the companies making or marketing the products. At this time we realize that there might be public health concerns about restricting use of a product which may be believed by some to be a more effective cleanser so we may wish to retain the exception for commercial dishwashers.

Thank you for taking the time to consider the Chapter's suggested changes to the ECL. I would appreciate your response to our recommendation. The Chapter is at your service to provide technical expertise on this and other water quality and aquatic resource issues. You may contact me or Arthur Newell (518-457-1679), our Environmental Concerns Committee Chairman, for additional information.

Sincerely,

Michael Duttweiler, President
New York Chapter of the American
Fisheries Society

cc: Wallace John



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

345 Coddington Road
Ithaca, NY 14850

January 29, 1986

The Honorable Maurice D. Hinchey, Jr.
New York State Assembly
Legislative Office Building
Albany, NY 12248

Dear Assemblyman Hinchey:

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Sincerely,

Michael Duttweiler, President
New York Chapter of the American
Fisheries Society

cc: Wallace John

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THIS IS A COPY OF A LETTER
FROM THE NEW YORK CHAPTER OF THE
AMERICAN FISHERIES SOCIETY
TO THE NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DATE: 10/1/80



NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY



MEMBERSHIP DIRECTORY

1987 - 1988

EFFECTIVE APRIL 15, 1987

07/01/87

NEW YORK CHAPTER
AMERICAN FISHERIES SOCIETY
MEMBERSHIP DIRECTORY
1987-1988

NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
ALDRICH, JOHN SUNY POTSDAM	BOX 71 FORT COVINGTON, NY 12937	315-265-6244	3 11 14 87S
ALEVERAS, RONALD LMS ENGINEERS	82 CARDINAL DRIVE WASHINGTONVILLE, NY 10992	914-496-9619 914-735-8300	8 13 16 21 87
ALFORD, THOMAS OCCC	ORANGE CO. COMM. COLLEGE MIDDLETOWN, NY 10940	914-343-1336	3 17 16 86
ALOI, MICHAEL BWEC INC	90 SYRACUSE STREET BALDWINVILLE, NY 13027	315-635-3516 315-343-7081	8 87
ANGYAL, ROBERT K NYS DEC	RD 1, BOX 422 STONE RIDGE, NY 12484	914-687-7821 914-255-5453	8 13 14 16 87
ARNOLD, STEPHEN LMS ENGINEERS	LMS ENGINEERS ONE BLUE HILL PLAZA PEARL RIVER, NY 10965	914-358-8776 914-735-8300	3 16 21 24 28 29 30 32 86
AULD, ANDREW BEAK CONSULTANTS	SENECA STREET INTERLAKEN, NY 14847	607-532-9232 716-542-5544	16 87
BAO, ISAAC Y BARD COLLEGE	P.O. BOX 237 S EGREMONT, MA 01258	518-325-5374 413-528-0771	2 17 26 37 86
BARGER, LESLIE M MALC. PIRNIE, INC	SH LAMPLIGHT VILLAGE MONROE, NY 10950	914-783-1920 914-694-2100	3 6 16 21 86
BARNES, JEFFREY	20 ELIZABETH STREET OSWEGO, NY 13126	315-352-1474	21 87
BARNHART, GERRY A NYS DEC	RD 1, BOX 142 SCHAGHTICOKE, NY 12154	518-692-7348 518-457-5698	13 86
BARTIELLO, MARK C	99 ROLAND ST BUFFALO, NY 14212	716-892-5860	16 38 86

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
BRIGGS, PHILIP NYS DEC	NYS DEC BLDG 40, SUNY STONYBROOK, NY 11794	516-751-7900	5 11 12 16 19 30 35 87
BROSNAN, THOMAS NYC DEP	NYS DEP BUREAU WWT ROOM 212 WARDS ISLAND, NY 10035	212-884-4819 212-860-9378	3 4 5 12 21 24 34 87
BROTHERS, EDWARD EFS CONSULTANTS	3 SUNSET WEST, R.D. 7 ITHACA, NY 14850	607-347-4203 607-256-5070	3 8 9 10 15 16 19 87
BROWN, JERRY EMPIRE FISHERIES	3768 S WARSAW ROAD WARSAW NY 14569	716-786-5082 716-78633152	2 14 30 34 87
BROWN, RUSSELL ADIRONDACK LEAGUE	LITTLE MOOSE LODGE ADIRONDACK LEAGUE CLUB OLD FORGE, NY 13420	315-369-6781 607-257-3162	8 12 13 14 87
BUCHANAN, GARY A INTER'L TECH CORP	622 INMAN AVENUE, APT 1 COLONIA, NJ 07067	201-396-3496 201-225-2000	3 5 10 12 24 31 86
BUCKLEY, GERALD SUNY MORRISVILLE	34 ROSE COURT ALBANY, NY 12209	518-482-3542	2 8 10 13 16 17 28 86S
BUNDY, DAVID ONONDAGA C C	185 ROBINEAU ROAD SYRACUSE, NY 13207	315-472-3657 315-469-7741	3 87
BUSCH, DIETER US FISH & WILDLIFE	3985 HIGHLAND ROAD CORTLAND, NY 13045	607-753-6263 607-753-1460	1-10 13-16 21-24 33 87
BUTTNER, JOSEPH SUNY BROCKPORT	BIOLOGY DEPARTMENT SUNY BROCKPORT BROCKPORT, NY 14420	716-637-3069 716-395-5750	1 2 8 13 30 34-36 87
CACELA, DAVID CORNELL UNIVERSITY	306 FERNOW HALL CORNELL UNIVERSITY ITHACA, NY 14853	607-272-6131 607-256-3191	10 24 86S
CADRIN, STEPHEN X COSPER ENV SERV	COSPER ENVIRONMENTAL SERV BOX 525 NORTHPORT, NY 11768	516-331-9824 516-754-4456	2 11 86

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COOPER, JACK G NYS DEC	6267 E AVON-LIMA ROAD AVON, NY 14414	716-226-2567 716-226-2466	3 10 21 24 28 86
CORNELIUS, FLOYD NYS DEC	11945 HANFORD ROAD SILVER CREEK, NY 14136	716-934-4025 716-366-0228	87
CORNETT, SCOTT SUNY ESF	RD 2, BOX 411 ENDICOTT, NY 13760	607-785-1487	16 87S
COSPER, TERRY COSPER ENV. SERV	P.O. BOX 525 NORTHPORT, NY 11768	516-754-4455 4456/4457	2 33 86
COSTANZA, RICHARD ADIR. LAKES SURV. CO	P.O. BOX 17 RAY BROOK, NY 12977	518-891-0672 518-891-2758	3 5 10 16 21 24 28 36 87
COUTU, JAMES D NYS DEC	232 WINSLOW STREET WATERTOWN, NY 13601	315-788-3837 315-785-2258	10 87
CREECH, CLIFF NYS DEC	648 OLD STAGE ROAD GROTON, NY 13073	607-898-3965 607-753-3095	8 10 13 87
CULLIGAN, WILLIAM NYS DEC	510 PERU ROAD GROTON, NY 13073	607-898-3331 607-753-3095	16 87
CULP, TERRY R ITHIHYOL. ASSOC.	P.O. BOX 2 STAMFORD, NY 12167	607-652-3408 607-652-3563	21 29 87
DANIELS, ROBERT A. NYS MUSEUM	NYS MUSEUM CEC 3132 ALBANY, NY 12230	518-872-2137 518-474-5800	3 10 19 87
DARMER, KEN	20 HADDINGTON LANE DELMAR, NY 12054		87
DAVIS, DEBRA NOAA	NMFS, BEAUFORT LAB BOX 570 BEAUFORT, NC 28516	919-728-6529 919-728-8753	9 11 26 28 29 86

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EINHOUSE, DONALD NYS DEC	RFD 1, BOX 60 SILVER CREEK, NY 14136	716-934-3739 716-366-0228	9 14 86
ELLIOTT, WAYNE NYS DEC	6 BRUNNSWICK RD NEW PALTZ, NY 12561	914-255-8142 914-255-5453	8 9 10 87
ELROD, JOSEPH USFWS	USFWS 17 LAKE STREET OSWEGO, NY 13126	315-342-2227 315-343-3951	3 10 13 30 87
ENGEL, RONALD SUNY OSWEGO	R.D. 3, BOX 111 OSWEGO, NY 13126	315-341-3031	3 10 24 27 34 35 86
ENGSTROM-HEG, ROBT NYS DEC	BOX 58, HC 64 ONEONTA, NY 13820	607-829-8785 607-652-7364	3-10 13 14 30 16-18 24 25 86
EWELL, WILLIAM EASTMAN KODAK	EASTMAN KODAK 8 306 ROCHESTER, NY 14606	716-247-3083 716-588-4528	2 3 15 18 23 30 33 34 86
FARQUHAR, J F III NYS DEC	7 EDWARD STREET LANCASTER, NY 14086	716-684-2900 716-847-4550	37 87
FESTA, PATRICK NYS DEC	4 BIRCHWOOD DRIVE CLIFTON PARK, NY 12065	518-371-4566 518-457-6937	10 86
FINKELSTEIN, SAMUEL NYS DEC	8 MADLEY LANE STONY BROOK, NY 11790	516-751-3926 516-751-7900	1 8 11 12 30 31 86
FLICK, WILLIAM CORNELL UNIVERSITY	PAUL SMITHS, NY 12970	518-327-3529 518-327-3534	13 16 86
FORNEY, JOHN L CORNELL UNIVERSITY	R.D. 1 BRIDGEPORT, NY 13030	315-633-2948 315-633-9243	3 16 87
FOUNTAIN, MATTHEW SUNY POTSDAM	BOX 219A, ROUTE 1 MOIRA, NY 12957	518-524-6695	13 30 87S

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
GORDON, WILLIAM NYS DEC	P.O. BOX 51 BROWNVILLE, NY 13615	315-639-3847 315-785-2254	87
GORSUCH, JOSEPH EASTMAN KODAK	132 WYNDHAM ROAD ROCHESTER, NY 14612	716-621-7678 716-588-2140	3 5 27 28 33 34 35 87
GREEN, DAVID CORNELL UNIVERSITY	5114 SHACKLETON PT RD BRIDGEPORT, NY 13030	315-858-0301 315-633-9243	14 16 30 87
GRIM, JOHN NE BIOLOGISTS INC	ONE KERR ROAD RHINEBECK, NY 12572	914-876-4786 914-876-3983	2 3 14 16 17 87
GROSS, A CHRIS L I LIGHTING CO	12 HARBOR RIDGE DRIVE CENTERPORT, NY 11721	516-754-3776 516-420-6097	2 11 21 19 87
GUILFOOS, ERIC S SUNY ESF	101 HURLBURT ROAD, #7 SYRACUSE, NY 13224	315-445-2109	3 86S
GUMAER, LAWRENCE W NYS DEC	NYS DEC BOX 5170-FISHER AVE CORTLAND, NY 13045	607-753-3095	3 21 24 29 87
GUTHRIE, CHARLES NYS DEC	37 PINE HILL ROAD PORT JEFFERSON, NY 11777	516-928-7869 516-751-7900	10 87
HABICHT, CHRIS CORNELL UNIVERSITY	26 SPRUCE LANE ITHACA, NY 14850	315-455-2109	3 86S
HAJE, ROY L EN-CONSULTANTS	33 TULIP HILL LANE S SETAUKET, NY 11720	516-732-6501 516-283-6360	11 16 86
HARDKE, HEATHER	138 HARVARD PLACE SYRACUSE, NY 13210	315-424-7035	2 3 5 6 8 9 10-12 20 28 86
HASSE, JACK NYS DEC	NYS DEC 207 GENESEE STREET UTICA, NY 13501	315-826-7610 315-793-2554	9 16 87

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HORN, EDWARD NYS DEC	NYS DEC 50 WOLF ROAD, ROOM 530 ALBANY, NY 12233	518-765-4271 518-457-6178	1 21 28 29 87
HORTON, JEFFREY M SYRACUSE UNIVERSITY	12023 CHURCHILL PLACE BIG FLATS, NY 14814	607-562-8832 315-478-2312	5 8 13 16 17 19 24 30 87S
HUGHES, STEVEN TUNNISON LAB USFWS	3075 GRACIE ROAD CORTLAND, NY 13045	607-756-9819 607-753-9391	1 7 26 37 86
HULBERT, PHILIP NYS DEC	R.D. 1, BOX 622 E MEREDITH, NY 13757	607-278-5490 518-457-6937	87
HUMMELL, BLAINE L ENV RES MGMT INC	R.D. 1, RILEYVILLE ROAD HOPEWELL, NJ 08525	609-466-2907 215-696-9110	5 13 16 21 28 29 31 33 87
HUNSINGER, LORIE A. SUNY FREDONIA	JEWETT HALL SUNY ERC SUNY FREDONIA FREDONIA, NY 14063	716 3586545 716 6733375	3, 10, 16, 17, 30, 33 87S
IANCU, CAROL SUNY ESF	255 ILCLICK HALL SUNY ESF SYRACUSE, NY 13210	315-425-9226 315-470-6743	3 10 16 22 26 39 87S
INMAN, JOHN P SUNY ESF	SLOCUM HEIGHTS, A25-9 SYRACUSE, NY 13210	315-446-9321	3 8 9 17 27 35 86S
ISAACS, JACK M NYS DEC	RD3 BOX 132J KINGSTON, NY 12401	914-331-8174 914-255-5453	13 87
JIRKE, KURT CORNELL UNIVERSITY	128 GRANDVIEW COURT ITHACA, NY 14850	607-277-3726 607-255-8723	5 16 87
JOHNSON, DAVID W NYS DEC	BOX 12 RAINBOW LAKE, NY 12976	518-327-3653 315-785-2535	8 16 30 87
JOHNSON, JIM & EMILY OREGON DEPT F & W	4548 SW FAIRVALE COURT PORTLAND, OR 97221	503-245-5426 503-229-5413	1 5 10 15 16 87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
KOCIK, JOHN F MICHIGAN STATE UNIV	DEPT F & W/NAT. RES. BLDG MICHIGAN STATE UNIVERSITY E LANSING, MI 48824	517-355-8103 517-363-6697	3 13 15 17 86
KOEPPICUS, RICHARD NYS DEC	BOX 86 CEDAR GROVE ROAD FEURA BUSH, NY 12067	518-768-2954 518-457-6179	21 28 29 87
KOSOWSKI, DAVID NYS DEC	P.O. BOX 154 AVON, NY 14414	716-226-2907 716-226-2466	3 8 10 13 14 16 24 87
KOTILA, PAUL M ST. LAWRENCE UNIV	ENV STUDIES PROGRAM ST. LAWRENCE UNIVERSITY CANTON, NY 13617	315-379-5840	3 5 28 36 87
KRUEGER, CHARLES CORNELL UNIVERSITY	FERNOW HALL CORNELL UNIVERSITY ITHACA, NY 14853	607-247-4863 607-256-2106	5 10 16 17 36 87
KURTZ, ROBERT J US ARMY CORP OF ENG	27 SMITH STREET VALLEY STREAM, NY 11580	516-561-6429 212-264-2614	8 11 12 16 21 87
KUSS SARAH MARIE SUNY BROCKPORT	BOX 622 BROCKPORT, NY 14420	716-395-5765	2 3 9 87
LA BAR, GEORGE UNIVERSITY VERMONT	ROUTE 12, BOX 162 BURLINGTON, VT 05405	802-482-3054 802-656-2695	3 86
LA MERE, STEVEN SUNY ESF	5 CLIFF AVE TUPPER LAKE, NY 12986	518-359-9413 315-476-6493	2 3 8 10 13 16 21 24 30 87
LA PAN, STEVEN SUNY ESF	SUNY ENV SCI & FORES 246 ILICK HALL SYRACUSE, NY 13210	315-422-9526 315-470-6805	30 87
LANGE, CAMERON BEAK CONSULTANTS	146 KENVILLE ROAD, APT C BUFFALO, NY 14215	716-837-5648 716-542-5544	3 15 29 86
LANGE, ROBERT NYS DEC	NYS DEC 50 WOLF ROAD, RM 518 ALBANY, NY 12233	716-934-4461 518-457-6937	10 16 87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
MAKAREWICZ, JOE SUNY BROCKPORT	205 DARLA DRIVE BROCKPORT, NY 14420	716-637-9542 716-395-5747	3 24 27 34 87
MALCHOFF, MARK COOPERATIVE EXTEN	BOX 199, MURRAY ROAD STONY CREEK, NY 12878	518-696-4233 518-623-3291	36 87
MALOUF, ROBERT NEW YORK SEA GRANT	NEW YORK SEA GRANT SUNY @ STONY BROOK STONY BROOK, NY 11794	516-689-8074 516-632-8662	2 87
MANCRONI, WAYNE C HUDSON G & E	C HUDSON G & E 234 SOUTH AVE POUGHKEEPSIE, NY 12601	914-255-5481 914-486-5734	9 21 29 30 86
MARRA, JOHN DAVID NYS DEC	226 NEW YORK AVENUE MECHANICSVILLE, NY 12118	518-664-4019 518-457-5557	9 11 16 22 30 86
MARSDEN, J ELLEN CORNELL UNIVERSITY	FERNOW HALL CORNELL UNIVERSITY ITHACA, NY 14853	607-277-7310 607-256-2838	9 16 17 87S
MARTIN, G THOMAS NCCC	NIAGARA CO COMM COLLEGE SANBORN, NY 14132	716-754-4165 716-731-3271	5 10 28 34 36 86
MASON JOHN M. NYSDEC	DEC MARINE RESOURCES BLDG #40 STONY BROOK NY 11794	516 8788649 516 7517900	11,16 87
MASON, DORAN SUNY ESF	SUNY ESF 226 ILLICK HALL SYRACUSE, NY 13210	315-457-6639	3 15 27 86S
MATOUSEK, JOHN A L M S ENGINEERS	2 JUNE ROAD CHESTER, NY 10918	914-469-9536 914-735-8300	21 29 86
MAYACK, DAVID	58 WINEBERRY LANE BALLSTON SPA, NY 12020	518-899-6410	24 28 30 35 36 86
MAYERS, SHAWN SUNY ESF	40 EDGEWOOD DRIVE BALDWINVILLE, NY 13027	315-635-6981 315-476-9279	2 3 5 6 10 19 24 27 28 86S

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
MILLER, LAWRENCE SUNY FREDONIA ERC	ERC SUNY FREDONIA FREDONIA, NY 14063	716-366-1587 716-673-3374	3 87
MILLS, EDWARD CORNELL UNIVERSITY	CORNELL FIELD STATION R.D. 1 BRIDGEPORT, NY 13030	315-655-8569 315-633-9243	3 24 87
MOCCIO, NEIL CSH FISH HATCHERY	3129 MORGAN DRIVE WANTAGH, NY 11793	516-221-8793 516-692-6768	3 8 9 10 13 14-19 36 87
MOORADIAN, STEPHEN NYS DEC	104 PARK STREET OLEAN, NY 14760	716-373-2494 716-372-8676	3 9 13 14 16 87
MOREHOUSE, DAVID NY AQUACULTURE ASSOC	PO BOX 212 AURORA, NY 13026	315-364-8439 315-568-8520	2 87
MORSE, WILLIAM SUNY POTSDAM	235 HARRINGTON DRIVE ROCHESTER, NY 14617	716-342-8518	10 11 87S
MOZRALL, CHRISTOPHER SUNY POTSDAM	81 BILLINGTON HEIGHTS EAST AURORA, NY 14052	716-652-9241	10 11 26 87S
MYERS, JULIAN EDEN CENTRAL HIGH	17 ELM PLACE LANCASTER, NY 14086	716-683-1479	3 8 13 36 87
MYERS, ROBERT SOIL CONS SERV	R.D. 2, NEW BOSTON ROAD CHITTENANGO, NY 13037	315-687-9432 315-423-5494	2 16 87
McCAFFERTY SHAWN SUNY STONY BROOK	DEPT ECOLOGY AND EVOL. SUNY STONY BROOK STONY BROOK, NY 11733	516 9285412 516 2463367	2, 17, 19, 37 87s
NASEMANN, ALAN R	702 S BEECH STREET SYRACUSE, NY 13210	315-471-4376	3 5 10 16 24 34 36 37 86
NEMECEK, RUSSELL	H-4 SPRUCE TREE CIRCLE LIVERPOOL, NY 13090	315-652-5501	3 10-14 16 24 28 29 34 87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
PANEK, FRANK NYS DEC	17 FERN ROAD ROCKY POINT, NY 11778	516-821-0357 516-751-1596	1 16 87
PAPPANTONIOU, ANTON H H LEHMAN COL	BIO SCIENCE LEHMAN COLLEGE BRONX, NY 10468	212-796-1660 212-960-8240	3 10 19 87
PEARCE, WILLIAM NYS DEC	BOX 541 CAPE VINCENT, NY 13618	315-654-2833 315-654-2147	3 9 87
PEARSALL, WEBSTER SUNY FREDONIA	BOX 312, FOUR TOWN ROAD MORAVIA, NY 13118	716-366-2105	3 8 9 10 14 86S
PETERSON, CLIFFORD CONCORDIA COLLEGE	1 CONCORDIA PLACE BRONXVILLE, NY 10708	914-779-5392 914-332-9300	17 19 36 87
PICKARD, SCOTT W SUNY BUFFALO	106 MOSHER DRIVE TONAWANDA, NY 14150	716-692-7976 716-878-6233	2 3 10 11 12 16 30 35 36 87S
PIERCE, RON NYS DEC	RT. 1, BOX 237 STONE RIDGE, NY 12484	914-687-9537 914-255-5453	16 24 87
POMEROY, JAMES NYS DEC	R.D. 1, BOX 111 HOUGHTON, NY 14744	716-437-5346 716-372-0645	3 36 87
POOLE, JOHN C NYS DEC	14 LAUREL DRIVE SAYVILLE, NY 11782	516-589-6194 516-751-7900	11 87
POSTON, HUGH A USFWS	TUNISON LAB OF FISH NUTR 3075 GRACIE ROAD CORTLAND, NY 13045	607-753-8645 607-753-9391	30 87
PREALL, RICHARD NYS DEC	NYS DEC 50 WOLF ROAD - RM 518 ALBANY, NY 12233	518-355-0981 518-457-1751	30 87
PREDDICE, TIMOTHY NYS DEC	7235 STEELE AVE EXT GLOVERSVILLE, NY 12078	518-725-7206 518-773-7318	3 5 10 19 28 30 33 34 86

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
ROOSAARE, MARY A T FORDHAM UNIVERSITY	305 ELMWOOD AVENUE BOGOTA, NJ 07603	201-488-9396 914-359-7800	3 9 10 12 19 21 23 86
ROUGH, GAYLORD ALFRED UNIVERSITY	88 S MAIN STREET ALFRED, NY 14802	607-587-9161 607-871-2205	3 10 87
ROY, STEVEN R US ARMY CORP ENG	125 PHEASANT RUN N TONAWANDA, NY 14120	716-691-9393 716-876-5454	87
SAELI, MARY NIAGARA MOHAWK	NIAGARA MOHAWK POWER CO 300 ERIE BLVD SYRACUSE, NY 13202	315-428-3101 315-636-8410	3 21 29 33 86
SANFORD, D KAY	ROUTE 10 STAMFORD, NY 12167	607-278-5868 607-652-7364	86
SARBELLO, WILLIAM NYS DEC	933 PINE HILL DRIVE EAST SCHENECTADY, NY 12303	518-457-6179	1 21 86
SCHACHTE, JOHN NYS DEC	706 FLOYD AVENUE ROME, NY 13440	315-339-2518 315-337-0910	18 87
SCHIAVONE, ALBERT NYS DEC	NYS DEC 317 WASHINGTON STREET WATERTOWN, NY 13601	315-658-2652 315-785-2266	10 14 16 87
SCHLEYER, RICHARD	88 SOUTHERN DRIVE ROCHESTER, NY 14623	716-385-4864 716-272-0130	7 9 10 13 17 21 22 87
SCHMIDT, ROBERT SIMON'S ROCK COLLEGE	SIMON'S ROCK COLLEGE ALFORD ROAD GRT BARRINGTON MA 01230	518-325-7265 413-528-0771	3 15 19 30 87
SCHOCH, WILLIAM NYS DEC	14 E PINE STREET SARANAC LAKE, NY 12983	518-891-1837 518-891-1370	16 21 87
SCHOFIELD, CARL CORNELL UNIVERSITY	CORNELL UNIVERSITY FERNOW HALL ITHACA, NY 14853	607-272-9476 607-255-2001	3 16 34 87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
SMITH, C LAVETT AMER MUSEUM NAT HIST	312 ANDERSON AVENUE CLOSTER, NJ 07624	201-768-2173 212-873-5252	10 11 15 19 86
SMITH, HENRY	P.O. BOX 5302 BABYLON, NY 11707		3 16 21 86
SMYTHE, A GARRY BIO SONICS, INC	25 LARCHMONT ROAD BUFFALO, NY 14214	716-835-8762 716-833-7888	3 21 29 34 87
SNYDER, BARRY J COSPER ENV SERV	BOX 525 NORTHPORT, NY 11768	516-473-6419 516-754-4457	21 28 33 34 86
SOHACKI, LEONARD SUNY ONEONTA	R.D. 3, BOX 579 COOPERSTOWN, NY 13326	607-547-9424 607-431-3703	3 24 27 28 87
SOULE, NORMAN CSH FISH HATCHERY	P.O. BOX 535 COLD SPRG. HARB, NY 11724	516-692-8731 516-692-6768	2 32 87
SPAGNOLI, JOHN J NYS DEC	115 ELMHURST DRIVE ORCHARD PARK, NY 14127	716-662-0885 716-847-4560	87
SPATEHOLTS, ROBERT CORNELL UNIVERSITY	BOX 172 OLD FORGE, NY 13420	315-369-6604 315-357-5188	3 8 13 16 28 87
SPENCE, BRIAN C CORNELL UNIVERSITY	CORNELL UNIVERSITY FERNOW HALL ITHACA, NY 14850	607-257-5451 607-255-3191	3 87S
SPENCER, SELDEN SUNY NEW PALTZ	55 DU BOIS ROAD NEW PALTZ, NY 12561	914-255-5077 914-257-2541	3 27 36 87
SPITZBERGEN, JAN CORNELL UNIVERSITY	116 OAK AVENUE ITHACA, NY 14850	607-272-1651 607-256-5454	33 86S
SPOTILA, JAMES SUNY BUFFALO	SUNY BUFFALO-BIOLOGY DEPT 1300 ELMWOOD AVENUE BUFFALO, NY 14222	716-836-3059 716-878-6409	3 8-10 14 16 28 30 33 36 87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
UNGER, PHILIP SUNY ESF	100 OSWEGO STREET BALDWINVILLE, NY 13027	315-638-9225 315-470-9225	3 10 27 86
URBAN, TIMOTHY SUNY ESF	25 SHERWOOD AVENUE WEBSTER, NY 14580	716-872-4946 315-472-8937	3 9-14 86S
UAAS, C RANDY NYS DEC	NYS DEC 317 WASHINGTON STREET WATERTOWN, NY 13601	315-788-7225 315-785-2246	1 3 10 21 87
VALENTE, RAY M COSPER ENVIR SERU	BOX 525 NORTHPORT, NY 11768	516-752-8640 516-754-4456	2 3 28 29 31 33 34 86
VANVOLKENBURGH, P NYS DEC	NYS DEC SUNY STONY BROOK STONY BROOK, NY 11794	516-567-1738 516-751-7900	1 2 5 11 16 87
VECCHIO, VICTOR NYS DEC	PO BOX 1613 AMAGANSETT, NY 11930	516-751-8200	31 87
VERNALE, CINDY SUC BUFFALO	3909 BOWEN ROAD LANCASTER, NY 14086	716-684-2739 716-878-6410	6 8 19 31 87S
WALDMAN, JOHN R HUDSON RIVER FOUND.	122 E. 42 ST. SUITE 1901 NEW YORK, NEW YORK 10168	718-849-2933 212-949-0028	6 8 19 31 87
WEDGE, LESLIE NYS DEC	R.D. 1 BOX 543 HOMER, NY 13077	607-749-3292 607-753-3095	3 8-10 13 14 16 87
WELSH, CAROL Q BEAK CONSULTANTS	BEAK CONSULTANTS 12072 MAIN ROAD AKRON, NY 14001	716-591-1883 716-542-5544	3 5 8 10 13 15 29 86
WERNER, ROBERT SUNY SYRACUSE	R.D. 3, TRACY DRIVE SKANEATELES, NY 13152	315-673-4272 315-470-6804	3 10 14 15 24 87
WICH, KENNETH NYS DEC	22 WASHINGTON AVENUE COXSACKI, NY 12051		87

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NAME AFFILIATION	ADDRESS	TELEPHONE	INTERESTS YEAR PAID
ZAWACKI, CHESTER NYS DEC	474 TERRYVILLE ROAD PORT JEFFERSON NY 11776	516-473-9415 516-751-7900	11 12 23 86
ZILKOWSKI, BUD SUNY CESF	5827 THOMPSON ROAD DEWITT, NY 13214	315-446-2041	3 6 15 86S

BYLAWS OF THE NEW YORK CHAPTER OF THE AMERICAN FISHERIES SOCIETY

Section 1 - Name and Objectives

1. The name of this organization shall be the New York Chapter of the American Fisheries Society, hereinafter referred to as the Chapter.

2. The objectives of the Chapter shall be those of the American Fisheries Society as set forth in Article 1 of its Constitution, and to encourage the exchange of information by members of the Society residing within the State of New York.

Section 2 - Membership and Dues

1. The membership of the Chapter shall be of the following classes:

(a) Member: Active Members of the American Fisheries Society in good standing, upon enrollment in the Chapter, shall be eligible to vote.

(b) Honorary Member: Persons who, by reason of professional or other attainments, outstanding service to the Chapter, or official position, shall be eligible for election as an Honorary Member upon nomination by two or more Chapter Members in good standing, and a 2/3 vote of the members present at an annual meeting. There shall be two classes of honorary membership:

(1) Distinguished Service and (2) Exofficio. Honorary Members shall be entitled to all rights and privileges of Members, except that Exofficio Members shall not vote or hold office.

2. Annual dues for Members shall be five dollars (\$5.00), except that dues for full-time students shall be two dollars (\$2.00). Honorary Members will not be required to pay dues. Dues of new members shall be payable when application for membership is accepted. Memberships not paid on or before July 1 shall be considered lapsed and those persons shall not receive publications of the Chapter and shall forfeit all rights and privileges of membership as long as dues are unpaid.

Section 3 - Meetings

The Chapter shall hold at least one meeting annually at the time and place designated by the Executive Committee. Notice of the annual meeting of the Chapter shall be mailed to each member at least one month before the date of such meeting. Business shall be conducted in accordance with provisions of these Bylaws, and/or Robert's Rules of Order in the absence of specific guidelines. The program shall be the responsibility of the Program Committee.

Section 6 - Executive Committee

The Executive Committee shall consist of the Chapter officers (President, President-Elect, Secretary-Treasurer, Secretary-Treasurer-Elect) and the immediate Past-President. The Chairpersons of standing committees and ad hoc committees shall be non-voting members of the Executive Committee. The Executive Committee is authorized to act for the Chapter between meetings and to perform appropriate duties and functions.

Section 7 - Chapter Committees

Chairpersons of Committees, except as listed in Sections 5 and 6, shall be appointed by the President. Committee members shall be chosen by the respective committee chairpersons. Standing Committees shall include: Auditing, Environmental Concerns, Membership, Nominating, Program, and Resolutions. The Nominating Committee will be chaired by the immediate past-president and the selection of nominees for office by the Nominating Committee will be done in consultation with, and subject to, the approval of the Executive Committee.

The committees shall be composed of the chairperson and any other members in good standing selected by the chairperson. The committees shall aid the President in the operation of Chapter business and activities. The President shall direct them in their duties. They may also be directed by vote of the membership at an annual meeting.

The term of office for members of the Chapter Committees shall end upon the discharge of the duties for which they were appointed, or at the next annual meeting of the Chapter, whichever comes first.

Section 8 - Voting and Quorum

Decisions at meetings of the Chapter shall be by a majority of those voting, except that amendments to the Bylaws require a 2/3 majority, and excepted further, the election of Honorary Members requires a 2/3 majority vote. Any member in good standing who cannot attend a meeting may request the Executive Committee in writing to register a vote on a previously published question and such a vote shall be counted with the votes of members present. Such votes shall not be used to determine a quorum. Proxy votes must be received by the Secretary-Treasurer before the annual meeting at which the vote is taken.

A quorum for the transaction of official business shall be 20 of the Chapter's voting members.

Section 9 - Registration

The Executive Committee may assess each registrant attending meetings of the Chapter a registration fee necessary to cover the costs of the meeting and Chapter activities. Collections shall be made by the Secretary-Treasurer or a representative appointed by that officer.



NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY

NEWSLETTER

March 1986

NATIONAL NEWS

Wallup-Breaux allocation may be greater than expected. The figure first reported to the Treasury was \$137,687,981, an increase of \$100,000,000 over the Dingell Johnson fund last year.

On the Medical Front evidence is growing that fish oil in the diet can help prevent hardening of the arteries, and therefore an early departure via a heart attack or other cardiovascular disease. It has been recognized for sometime that red meat is high in saturated fats and cholesterol, especially the undesirable low density lipid type. Fish (and vegetable) oils are unsaturated and low in cholesterol, dominated by the high density lipid type (good for you).

Recent evidence indicates that fish oils also have an additional, unique chemical that makes blood platelets (used to form clots, those ugly scabs acquired when you mishandle a bullhead) less sticky and stimulates production of clot inhibiting chemicals by cells that line the inside of the arteries. Additionally, fish oil appears to lower blood pressure and reduce levels of triglycerides in the blood (both can contribute to cardiovascular disease).

Among the best sources of fish oil are salmon, mackerel, bluefish, herring and menhaden. Shellfish also have "good fish oils" and recent medical evidence has determined that an error in the measurement method incorrectly led food chemists to identify a different, but harmless, substance as cholesterol. (It's nice to know that you can safely eat all the shrimp you can afford!)

The active chemical that promotes many of these desirable actions (EPA) eicosapentaenic acid, is not produced by fish, but rather bioaccumulated up the food chain from the plankton. Should additional research confirm the positive attributes of EPA, then culture of planktonic organisms high in the chemical may be the most practical method to develop an economic and reliable supply of EPA.

Source: Dr. Alexander Leaf, Harvard School of Medicine.

An economical oxygen generator (\$0.28/100ft³ O₂) is being marketed by Aqualife Technologies, Inc. The system removes nitrogen from atmospheric air; the outflow air is 95% oxygen. Although the technology has existed and been employed in hospitals for some time, it was first applied to fisheries management/culture by Harry Westers and his associates with the Michigan Department of Natural

AFS division and section membership as of October 1985 was as follows:

Section Membership	
Total Section Membership:	4,850
Fish Culture:	975
Fish Health:	469
Fisheries Administrators:	177
Education:	268
Water Quality:	519
Early Life History:	360
Marine Fisheries:	477
Introduced Fish:	191
Fisheries Management:	1,008
Bio-Engineering:	263
Fisheries Economics:	136
Computer User Section:	7

Division Membership	
North Central:	1,522
Northeastern:	1,043
Southern:	1,741
Western:	2,447

AFS members are retiring at a younger age. One recent 59 year-old retiree has indicated that the 60 age limit for AFS retired membership should be dropped or it may force early retirees to leave the society.

Slides of freshwater and marine fishes are needed by AFS. If you want to contribute slides of North American fish contact Don Fleisch, National Marine Fisheries Service, Woodshole, MA 02453 (617-548-5123).

WHY DO PEOPLE FISH

The analytical approach; adapted from a Ph.D. dissertation in 1985 by Stephen Holland, Department of Recreation and Parks, Texas A & M University, College Station, Texas.

Using a socio-psychological methodology known as "policy-capturing", Steve quantified the proportional contribution of six aspects of recreational fishing. The aspects were: (1) being free to do what you want during the trip; (2) feeling alert and exhilarated and not bored; (3) catching fish; (4) having a good quality experience in an unpolluted natural surrounding; (5) being able to relax; and (6) being able to think about yourself and past trips. Limited information on the importance of being with friends, eating the catch and manipulating and testing fishing equipment was also collected.

order to promote good relations between upstate freshwater biologists, and the downstate marine (predominantly) biologists, and, incidentally, to have a good time. A boat will be chartered out of Montauk to go bluefishing from early morning to mid-afternoon. It will be necessary for the upstate people to travel down the day before and stay overnight in a motel. The charter captain needs a guarantee of 50 people, cost per person would be about \$40 for the fishing trip, gear and tip for the mates. The motel will probably cost \$25-30 per person, assuming double occupancy.

A poll of the membership is now necessary to determine interest level, tentative dates and mode of transportation. Mailing in the form at the end of this article will signify your interest in attending. By 'interest', you are confident that you will attend and sometime in the next few months you will make full payment. We need reasonably firm commitments at this time because the chapter will be making a \$250-300 deposit to reserve the boat. At this time we are limiting attendance to members or prospective members.

Regarding the 'when', the poll below provides the choice of chartering the boat on 28 or 29 September 1986. Fishing on the 28th means leaving upstate NY on 27 September, (a Saturday) with the advantage of completing the whole trip on a weekend. Fishing on the 29th means leaving upstate NY on 28 September with a couple advantages: 1) Monday is a light fishing day and we can be assured of getting the boat, and 2) traveling back from Montauk on a Monday afternoon will be much easier than on Sunday. Sunday afternoon traffic with all the weekenders returning to the BIG APPLE can be horrendous.

Regarding the transportation question: Should upstaters charter a bus from some central point or should we car pool from various locations around the state and all meet at the motel the night before? Chartering a bus from Albany to Montauk will cost \$30-50/person. Car pooling will cost considerably less, but will involve navigating the treacherous streets downstate and will forego the Matt's keg that will undoubtedly companion the bus trip!

-8-

POLL

Date of charter:

___ 28 September (entails overnight in Montauk on 27 September)

___ 29 September (entails overnight in Montauk on 28 September)

Mode of Transportation:

___ Car pool

___ Chartered Bus

NAME _____

ADDRESS _____

PHONE NUMBER _____

After the poll is completed a follow-up Newsletter or mailing will firm up the trip and request payment.

Please return poll to:

Art Newell
RD 1 Box 71
Westerlo, NY 12193

A technical session in aquaculture is being developed for the 1987 Annual Meeting of the New York Chapter AFS. This first time occurrence will include both invited and submitted papers; from marine and freshwater aquaculturists. Those interested in assisting in the development of an aquaculture session may contact Dr. Paul Bowser, Department of Avian and Aquatic Animal Medicine, Cornell University, Ithaca, NY 14852, 607-253-3365; Dr. John Schacte, New York State Department of Environmental Conservation, Rome Fish Hatchery, 8314 Fish Hatchery Road, Rome, NY, 315-337-0910; or Dr. Joe Buttner, Department of Biological Science, SUNY Brockport, Brockport, NY 14420, 716-395-5750.

Interest in informal mini-sessions has been expressed for next year's annual meeting where individuals with common interests could meet for 1-2 hours and discuss the status of special interest topics in NYS. Three areas have been identified; aquaculture, job workshop and microcomputers. I would greatly appreciate a response from the membership on the desirability of such sessions and suggestions for other topics.

NORTHEASTERN DIVISION ANNUAL MEETING

Fisheries professionals in Pennsylvania have developed an excellent program for the 28-30 April annual meeting of the Northeastern Division AFS. Many of the 100 papers scheduled for presentation deal with culture and management of cool and cold water fishes. Since the meeting is located at Hershey, PA (approximately 250 miles south of Ithaca), it is a golden opportunity that should be capitalized on by fisheries people in NYS.

Pennsylvania has a superb group of fisheries personnel, they have become increasingly active and productive over the last several years. We, in New York State, share many common interests, goals and problems (i.e. management of fisheries in Lake Erie, promotion of cool water and anadromous fisheries). A joint annual meeting at Cornell University (NY), Mansfield University (PA), or the National Fisheries Research and Development Laboratory at Wellsboro (PA) might be mutually beneficial. Comments from the membership on the desirability of a joint meeting would be appreciated. (Joint meetings are common and effective in the North Central Division, they allow for the rapid exchange of good ideas and stimulate innovative ways to investigate problems. This year the Illinois, Michigan and Indiana Chapters met jointly in Chicago on 4-6 March. The meeting emphasized common interest areas including Great Lakes management, warmwater streams, fish culture and Lake-reservoir fisheries.)

AQUACULTURE UPDATE

The final version of the New York State Aquaculture Development Plan has been submitted by the New York Sea Grant Institute to the NYS Legislature. The plan summarizes the status of aquaculture in NYS and identifies priority areas where assistance is needed. If approved by the Legislature, the plan will catapult NYS into a select rank of states (i.e. Hawaii, California, Texas, Florida) that have developed their own plans. Undoubtedly, the plan will be a

ships, eligibility, duration/compensation.

To order, send \$8.95 (postage and handling included on prepaid orders) to:

Summer Opportunities
White Pond Press
38 Litchfield Road
Londonderry, NY 03053

POSITIONS

Intermediate and senior level fisheries biologists with instream flow and stream rehabilitation experience; advance degree preferred. Contact Beak Consultants Incorporated, Department M, 317 S.W. Alder, 8th Floor, Portland, Oregon 97204.

Several internships with the Division of Lands and Forests are available for summer semester 1986. Contact Karyan B. Richards, New York State Department of Environmental Conservation, So. Wolf Road, Albany, NY 12233 (518-457 7431).

Summer jobs in estuarine and environmental sciences; emphasis is on supervised research. Duration, 1 June - 23 August, at \$140/week. Contact Director, Summer Program, Box 775, Cambridge, MD 21613 (301-228-8200).

Postdoctoral position in fisheries or biological oceanography to study tropical and subtropical fisheries ecosystems or quantitative stock arrangement techniques. One year appointment extendable to two years; \$26,000-29,000. Contact Dr. William W. Fox Jr., Professor and Director, Cooperative Institute of Marine and Atmospheric Studies, RSMAS/University of Miami, 4600 Rickenbacker Causeway, Miami, Florida 33149 (305-361-4185).

TIDBITS

Lake Erie produces more fish for human consumption than all the other Great Lakes combined.

Source; Great Lakes Leader Vol. 1:2

Michigan Sea Grant has developed brochures about the Great Lakes Basin (E-1865) and each of the Great Lakes (Lake Superior, E-1866; Lake Michigan E-1867; Lake Huron E-1868; Lake Erie, E-1869; and Lake Ontario, E-1870). The brochures are very well written and quite informative. Copies may be obtained from MSU Bulletin Office, Michigan State University, P.O. Box 231, East Lansing, MI 48823.

Source: Great Lakes Leader Vol. 1:2.

14-18 September 1986 - The 116th Annual Meeting of AFS. Providence, RI.
Contact Carl Sullivan, Executive Director, AFS, 5410 Grosvenor Lane,
Bethesda, MD 20814 (301-877-8616).

group. Following extensive discussion of logistics and costs, Chmn. Barnhart concluded that more study is required and asked Art to continue the study.

Resolutions. Dieter Busch prepared three resolutions that were published in draft form in the December Newsletter.

1. WHEREAS the Constitution of the American Fisheries Society allows Chapter Presidents to be nonvoting members of the National Executive Committee; and

WHEREAS the Chapter Presidents thereby have an opportunity to express support or concerns for issues meaningful to their Chapters directly to the National Executive committee; and

WHEREAS The National Executive committee has approved changes in the Constitution that will eliminate Chapter Presidents as members of the Executive committee, if the changes are ratified by the membership.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society supports the historic position of having Chapter Presidents as nonvoting members of the National Executive Committee and strongly opposes changes which will hinder the Chapter's direct communications.

In the discussion of the resolution it was pointed out that the New York Chapter has been represented regularly and actively by the Chapter President, and funding for such participation is provided for in the Bylaws. The motion to approve was carried unanimously. D. Busch was directed to draft a letter of transmittal to be signed by incoming President Michael Duttweiler and to be sent to the Executive Director of the Society.

2. WHEREAS improved fishing opportunities for any water body have to be wrested from other competing water resource users; and

WHEREAS one individual who works hard, is dedicated, and intimately knowledgeable in the sciences and administration of fishery management can make a difference; and

WHEREAS the State of New York has benefited from the availability of such a person.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society acclaim its gratitude for the successful work of Mr. William Pearce of the New York Department of Environmental Conservation, formerly in his role as Chief, Great Lakes Section, in revitalizing the Lake Ontario Fishery resources.

The motion to approve the resolution was carried unanimously.

3. WHEREAS the New York Chapter of the American Fisheries Society promotes a healthy and abundant fishery resource within its geographic area and across the nation; and

other units of the Society as follows: The New York Chapter will make an initial challenging contribution of \$500. If ten or more units of the Society make matching contributions of \$500 or more, the NY Chapter will contribute an additional \$500. A motion to approve was made and seconded, and was carried unanimously.

Don Osterberg, SUNY Potsdam, described the proposed Aquarium-Educational Resource Center in the Potsdam-St. Lawrence River area that will include aspects of all of the fresh waters of New York. He felt that endorsement of the project would enhance the process of application for funding. A letter of support by the New York Chapter was therefore requested. Pres. Barnhart commented that the matter is appropriate for consideration and action by the Chapter Executive Committee.

Referring to the previously discussed Skinner Memorial Fund activities, it was suggested from the floor that the winner of the Best Student Paper Competition of the NY Chapter be given support to attend the Annual Meeting of the Society. Pres. Barnhart referred the suggestion to Tom Field for further consideration as a New Initiatives item.

A question was raised concerning the counting of absentee ballots prior to the Annual Business Meeting. In response it was pointed out that it is necessary to certify the ballots as valid, that is, that the ballots are from current members. If this were delayed until the Business Meeting it would complicate the ballot counting process.

In reply it was suggested that the ballot could be placed in a sealed envelope with the name of the sender clearly stated on the outside. Validation could be completed prior to the business meeting and counted with the ballots from the members in attendance. Pres. Barnhart, as Chairman of the Nominating Committee for 1987 will implement the suggestion.

Fred Serchuk, President of the Northeast Division of AFS, was introduced to address the membership. Serchuk commented that the Northeast Division is 35 years old, having been organized in 1952 before there were any chapters in the Society. In his view, of the four current divisions, the Northeast is the "paragon" in terms of accomplishments and achievements. He also acknowledged that the NY Chapter is the most active of those within the Division, both in relation to Division activities and the Society as a whole. He also "went on record" as supporting the NY Chapter resolution to retain membership on the national Executive Committee. He also described his membership recruitment procedures, the forthcoming Annual Meeting of the Division at Hershey, Pa., April 27-30, and the Third Annual special Symposium, "Common Strategies of Anadromous and Catadromous Fisheries" to be held March 13. In addition, the NE Division is hosting the 1986 Annual Meeting of the Society Sept. 14-18. He also urged members to respond to the questionnaire re. participation in Division committees, and the questionnaire concerning the functioning of the Division.

Pres. Gerry Barnhart commented briefly on his presidency and complemented the Chapter committee chairmen and members, and the Chapter officers.

NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY. TREASURER'S REPORT, FISCAL YEAR 1985

	CHECKING ACCOUNT	SAVINGS ACCOUNT	CHAPTER ACCOUNTS CERTIFICATE OF DEPOSIT	MONEY MARKET	TOTALS
Balance as of Jan. 31, 1985	\$ 438.46	\$1,096.64	\$4,736.60	\$4,805.05	\$11,076.75
<u>Receipts and Transfers</u>					
Interest Received		14.29	497.00	399.25	
910.54 1985 Annual Meeting Receipts		1,565.00			
Dues, after Ann. Mtg.	665.00				
Workshop Proceedings	24.00				
1985 Workshop Receipts				6,159.37	
Miscellaneous	5.00				
Transfer				1,110.93	
Subtotal, Receipts	<u>2,259.00</u>	<u>14.29</u>	<u>497.00</u>	<u>6,558.62</u>	<u>9,328.91</u>
<u>Expenses and Transfers</u>					
1985 Annual Meeting Expenses	545.48				
Best Student Paper	50.00				
Past President Cert. (2)	35.50				
Best Paper Certificates	23.75				
Mailing Permit	50.00				
Mailings, Newsletter, etc.	116.52				
Workshop Printing	735.00				
Workshop Training Course				2,169.26	
Workshop Mailings	666.08				
NE Division Mailing Labels	75.82				
Stamps	22.00				
Printing and Supplies	113.45				
Checking Acc't. Serv. Charge	12.80				
Transfers		1,110.93			
Subtotal, Expenses	<u>2,446.40</u>	<u>1,110.93</u>	<u>-0-</u>	<u>2,169.26</u>	<u>4,615.66</u>
BALANCE, Jan. 31, 1986:	\$251.06	-0-	\$5,233.60	\$10,305.34	<u>\$15,790.00</u>

Gaylord E. Rough
Secretary-Treasurer



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

July 1986

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Cooperative Extension
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NEW YORK NEWS

New York Sea Grant will move to Stony Brook. At their May meeting, the Directors of the New York Sea Grant Institute decided to continue the search for a permanent Sea Grant Director. Professor Bruce T. Wilkins, Associate Sea Grant Director, was named Acting Sea Grant Director. The Board also recommended that the Institute's offices be moved to SUNY at Stony Brook, the location of SUNY's Marine Sciences Research Center. An important factor in that decision was the view that a campus location will help attract an excellent permanent Sea Grant Director.

While the move will hinge on appointment of a Director, it is expected that Sea Grant offices will shift to Stony Brook by the end of 1986.

The economic impact of the salmonid fisheries to New York State is considerable. A study conducted in the greater Pulaski area in 1984 estimated anglers spent \$10.9 million in pursuit of trout and salmon. Adding the secondary economic impacts as employees and employers spend the money, the full economic impact of the sport fisheries on the greater Pulaski area was estimated at \$17.2 million in 1984. (Note, a substantial beneficial economic effect has also occurred in Orleans, Monroe and Niagara counties as motels, restaurants, marinas and charter services have sprouted in towns along the southern shore of Lake Ontario. Some of these hamlets were near ghost towns; the successful and lucrative salmonid fisheries has put them on the map and in the black!)

Source: In part, Charter Industry Trade News March/April.

On 6 May 1986 Henry G. Williams (Environmental Conservation Commissioner) took action to prohibit the sale and possession of all striped bass in New York State. The action was taken in response to findings that striped bass are contaminated with PCB's in excess of Federal Food and Drug Administration Tolerance levels of 2 ppm and the need to reduce harvest of threatened striped bass stocks.

The ban on possession of striped bass will affect recreational, as well as commercial fishermen. Recreational anglers who catch striped base will be required to return the fish to the water.

Wildlife," to aid in the financial support of fish and wildlife programs. The program has generated over \$5 million in donations since 1982. The monies are ear-marked by law to be used solely for projects that benefit fish and wildlife. High priority projects that benefit a diversity of species and public interests and are of relatively short duration with accomplishments visible to the public are preferred. Applications are now being accepted for projects to be funded during the 1987-88 fiscal year. The majority of applications for the program have traditionally originated from the "upstate" regions. However, proposals throughout the state are welcomed. The state-wide coordinator of this program is Patricia Riexinger, 50 Wolf Road, Albany, NY 12233.

In an attempt to gain federal Superfund monies to remove PCB-contaminated sediments from the upper Hudson River, the Environmental Protection Agency and the state Department of Environmental Conservation will produce a supplementary environmental impact statement (EIS). The EIS will examine possible sites for disposal of dredged PCB-contaminated sediments. It will also evaluate the effects of leaving the sediments where they are. Some parties have suggested that dredging and relocating the wastes could be more dangerous than doing nothing. For more information, contact Barbara Pastalove, EPA Region 2, (212) 264-8556, or Bruce Bentley, NYSDEC, (518) 457-0849.

The implications of impending federal action to New York are substantial as half of New York State's 400 landfills threaten ground water through leaching, officials report. With 5.6 million people in the state dependent upon ground water for its drinking supply, New York is setting new controls against contamination by landfills. "A dry year has reminded New York and its neighboring states that protection of water resources is critical," said Gov. Mario Cuomo as he prepared "to act swiftly and decisively."

Source: January 1986 BioCycle.

AFS NATIONAL NEWS

AFS is 89th oldest on the list of tens of thousands of American nonprofit organizations. In a recently published list of the 100 oldest associations, we come behind the American Medical Association (33rd), the American Veterinary Medical Association (65th), the American Dental Association (61st), the American Entomological Society (62nd), and the Philadelphia Academy of Natural Sciences (11th). The Carpenter's Company of Philadelphia, formed in 1724 is America's oldest non-profit, still active group.

The first AFS Meritorious Service Award has been presented to Dr. Robert F. Hutton (formerly of the National Marine Fisheries Service).

Since the mid 1970's, when AFS became increasingly involved in political aspects of environmental issues, several resolutions have been adopted. A list of resolutions adopted between 1975 and 1985 follows:

1975 On September 12, 1975, at the Annual Business Meeting of the American Fisheries Society in Las Vegas, Nevada, the following eight resolutions were adopted:

Resolution-Anadromous Fish Conservation Act
Resolution-Fish Habitat Management Policy

1980 On September 23, 1980, at the Annual Business Meeting of the American Fisheries Society in Louisville, Kentucky, the following five resolutions were adopted:

- Resolution - Professional Resource Administrators
- Resolution - Consolidation of U.S. Fishery Management Authority
- Resolution - Year of the Coast (1980)
- Resolution - Appreciation to Kentucky
- Resolution - Management of Native American Treaty Fisheries

1981 On September 16, 1981, at the Annual Business Meeting of the American Fisheries Society in Albuquerque, New Mexico, the following seven resolutions were adopted:

- Resolution - Fund the National Aquaculture Act
- Resolution - Budget Support for the Cooperative Research Unit Program
- Resolution - Fishery Impacts of Low-Head Hydroelectric Dams
- Resolution - Control of Acid Precipitation
- Resolution - Opposition to Non-Managed Withdrawals of Ground Water
- Resolution - Streamline and Shorten Federal Review Processes for Implementation of Regional Fishery Management Plans
- Resolution - Appreciation to the Hosts of the 111th Annual Meeting of the American Fisheries Society

1982 On September 23, 1982, at the Annual Business meeting of the American Fisheries Society in Hilton Head, South Carolina, the following two resolutions were adopted:

- Resolution - International Negotiations on Acid Precipitation
- Resolution - Appreciation to South Carolina

1983 On August 17, 1983, at the Annual Business meeting of the American Fisheries Society in Milwaukee, Wisconsin, the following six resolutions were adopted:

- Resolution - Maintenance of Wetlands by the Clean Water Act
- Resolution - Small Hydroelectric Facilities
- Resolution - Maintenance of the Cooperative Research Unit Program
- Resolution - Maintenance of the National Fish Hatchery System
- Resolution - National Fishing Week
- Resolution - Appreciation to the Hosts of the 113th Annual Meeting of the American Fisheries Society

1984 On August 14, 1984, at the Annual Business Meeting of the American Fisheries Society in Ithaca, New York, the following two resolutions were adopted:

- Resolution - Coastal Fishery Habitat Programs
- Resolution - Appreciation to State of New York and Cornell University

1985 On September 11, 1985, at the Annual Business Meeting of the American Fisheries Society in Sun Valley, Idaho, the following three resolutions

\$2.0 million to promote provisions in Subtitle L of the Farm Bill. The Bill will establish four regional aquaculture centers in the United States to promote aquaculture resources in each region. At this time it is uncertain whether regional centers will be identified by the Congress (as part of the bill) or by the U.S. Department of Agriculture after appropriations have been allocated. In addition to funds allocated for development of regional aquaculture centers, Louisiana State University, Mississippi State University and the University of Hawaii will receive approximately \$750,000 for special programs.

Institutions of higher education in New York, particularly the SUNY system and Cornell University have long supported aquaculture and can contribute much to the development of aquaculture in the northeast. They should be actively involved from initial stages. The Bill is currently being reviewed by the Senate Appropriations Committee.

A happy postscript has been added to the story of Suffolk County's "Clam Club." One of its teenaged members has decided to pursue mariculture as a career. Mr. Donald Tremel, a high school student from Commack, has decided to go into the field of mariculture professionally. Mr. Tremel was one of the original 15 members of the Club, formed in 1983. He plans to attend either the University of Miami or Southampton College, because both schools offer excellent undergraduate programs in marine sciences.

The Club's original purpose was to involve youngsters in the mariculture of hardshell clams. The Clam Club project was so successful that, today, it involves 60 students, who grow not only clams but also blue mussels. Its value to the local economy has been recognized and the Urban Development Corporation has funded a graduate student to act as a liason between researchers at Stony Brook and the teenagers. We wish continued success to Robert Kent, the Suffolk County Cooperative Extension Agent who helped organize the club and has guided it from inception.

Source in part: New York Sea Grant Notice, June 1986, p. 6.

In June 1986 an Aquaculture Club was organized with the guidance of Monroe County 4-H, New York Sea Grant Extension, officials from the Town of Greece and researchers from SUNY Brockport. Several meetings were held to define the purpose of the project, schedule of activities, and daily/weekly efforts; the format was modified from one developed and used in Missouri (Bassett and Dillard 1985). Youth in the club will help design and conduct the study; they will set up the system, obtain the fish, stock the cages, maintain the fish and harvest/market the fish. The fish will be cultured in cages suspended in Braddock Bay using techniques developed by researchers at SUNY Brockport.

An interesting aquaculture meeting, Acuiculture '86, is scheduled for 29 September - 5 October 1986 at Atlapa, Panama. The meeting is designed for the nontechnical person. Up to 5,000 people are expected to attend the meeting that will emphasize shrimp culture, including one entire day devoted to brine shrimp. For individuals interested in shrimp culture or states of aquaculture in Latin America, the meeting will be very beneficial. (For more information contact Karl D. Matsumoto, P.O. Box 53424, New Orleans, Louisiana 70153).

coordinates participation by EPA and other agencies in the IJC activities for the Great Lakes agreement.

For additional information on the specific methods of program implementation and the program schedule, contact the Great Lakes National Program Office, U.S. Environmental Protection Agency, 536 South Clark Street, Chicago, Ill. 60604.

(A Five Year Program Strategy for the Great Lakes National Program Office of the U.S. EPA, June 1985).

An improved water quality model that reportedly permits more accurate simulation of nitrogen, phosphorus, dissolved oxygen, and other conventional pollutants in surface water has been developed by the Environmental Protection Agency. The model, called QUAL2E, is intended for use as a water quality planning tool. For example, it can be used to study the impact of waste loads on stream water quality.

Copies of the Computer Program Documentation for the Enhanced Stream Water Quality Model QUAL2E (EPA/600/3-85/065) are available, while supplies last, from ORD Publications, Center for Environmental Research Information, USEPA, Cincinnati, Ohio 45268.

Source: Chemical Manufacturers Association, April 1986.

The House of Representatives recently approved comprehensive ocean dumping legislation. The bill, approved unanimously by the House, includes a number of key provisions designed to strengthen the Ocean Dumping Act and to strictly limit ocean dumping in the future. In addition to closing the 12-mile site by the end of 1987, the legislation requires the Environmental Protection Agency to develop a comprehensive plan to improve the water quality in the New York/New Jersey coastal area. The bill also prohibits ocean dumping where suitable land-based alternatives are available.

Source: January 1986 Biocycle World.

The administration "strongly opposes" the House acid rain bill, and Rep. John Dingell (D.-Mich.), who heads the full committee, has also expressed displeasure with the bill. The bill has sufficient support to get it out of the subcommittee, but the economic impact, particularly on the coal industry and its cost (up to \$9.2 billion/yr) are powerful inhibitors. Also opposing the bill is the Energy Secretary; while the National Clean Air Coalition supports the bill.

Source: Clean Water Report, May 6, 1986.

A significant rise in sea level (1 ft.) is expected in the next 30 to 40 years. The rise will drive much of the Atlantic and Gulf shoreline inward by a hundred feet and some of it by more than a thousand feet, with environmental and economic consequences being felt much farther inland, according to marine geologists. Water will destroy buildings and roads, escalate flood problems many miles inland, pollute community wells with saltwater and drown coastal marshes vital to fish and birds, while wiping out recreational beaches.

RELIEVE SEASICKNESS WITH A FINGER

There's an effective "new" "self-health" remedy for seasickness -- one that works almost instantly, and uses no drugs or medications. Only your fingertip. It's called G-Jo. Actually G-Jo is thousands of years old -- makes it no less effective than Western science's latest "miracle" cures for mal de mer.

G-Jo is a kind of acupuncture, but without the needles. You use finger stimulation -- nothing else -- to perform "acupressure." It takes only seconds to do and, if you find the right "control" point(s), G-Jo works almost instantly to relieve nausea, vomiting and other symptoms of seasickness.

G-Jo is a simple, three-set process:

Step one: find the right G-Jo acupressure point (see illustration that follows). To do this, simply look at the accompanying illustrations and, with the tip of your thumb or bent knuckle of your index finger deeply probe the appropriate area on your own arm, leg or body. You're looking for a tender "ouch point"-- keep probing...

Step two: "trigger" the G-Jo acupressure point. This is done in a deep (up to 20 lbs. of fingertip pressure), digging or goading kind of massage/stimulation. Do this for up to four minutes (though usually ten or 15 seconds is enough to bring immediate relief). You should feel yourself become warm -- even break out in a flush of perspiration or feel suddenly lightheaded -- if you do G-Jo properly. These are perfectly normal "acupressure reactions" which let you know you found a good acupressure point for relief.

Step three: duplicate G-Jo on the opposite side of the body (if applicable). Most G-Jo points are found in identical spots on opposite sides of the body, though one side will usually be more tender than the other. Find that point by again deeply probing...then trigger it deeply...and see how you feel. You should feel total or nearly complete relief by the time you've finished triggering the second point.

If you feel little or no relief, it usually means you've found no point, at all, or that it was the wrong point for your kind of seasickness (each body reacts somewhat differently to all others). In that case, try the next point, and if that doesn't work, then the next. But stop when you find the point that brings relief. If your symptoms return, just trigger the best points again. You should get increasing spans of "relief time."

A free chart that explains more about G-Jo and some of its other many firstaid and self-health applications is available by sending a business-sized SASE to: The G-Jo Institute, P.O. Box 8060, Hollywood, FL 33024.

Source: Charter Industry Trade News. March/April.

(Note, your editor has not had the unfortunate opportunity to try out this technique so I cannot vouch for its effectiveness. However, as one who has spent time examining the side of the boat during rough seas, the technique does deserve a try.)

Japan used approximately 20 metric tons of brine shrimp in 1985.

Source: Artemia Newsletter, 2 (June 1986).

The Atlantic Alliance for Maritime Heritage Conservation announces the publication of its first journal, SEAFARERS. SEAFARERS will be published in a coffee table format with full color photographic plates and be available either hard bound (\$25) or softbound (\$15). Discounts are available for members of the Atlantic Alliance for Maritime Heritage Conservation. For more information contact: Seafarers, Rt. 4, Box 904, Summerland Key, FL 33042 (305) 872-9603.

CAREER CORNER

A survey on the placement of fisheries graduates is being conducted by the AFS Education Section through member Ira Adelman of the University of Minnesota. The survey form was mailed to 150 colleges and universities and asked such questions as, "Does your institution grant a named degree in fisheries or aquaculture?"; "As a part of your fisheries or aquaculture degree requirement do you require all courses necessary to meet AFS certification requirements?"; and "What success have you had with the placement of graduates?" If the survey is successful, AFS may join with The Wildlife Society in conducting future surveys on a biannual basis.

The Education Committee of the AFS will sponsor a Career Opportunity Center from 15-17 September 1986 at the 116th annual meeting of the society in Providence, RI. Information and pamphlets from state, federal and private employers will be available. The center may be used for interviewing potential employees. Job seekers should send a resume to the COC Chairman; Dr. Boyd Kynard, Chair ES/COC, Massachusetts Cooperative Fishery Research Unit, Holdsworth Hall, University of Massachusetts, Amherst, MA 01003 (413-545-0398).

Mr. Peter Bovard (Box 123, Woodland Valley Rd., Phoenicia, NY 12464) and Mr. David Blaasch (R.D.#1, Box 358, Nichols, NY 13812) have recently contacted New York Chapter AFS for assistance in obtaining fisheries related employment. Prospective employers should contact these gentlemen directly.

NEW LITERATURE

Diel variation in body carotenoid content and feeding activity in marine zooplankton assemblages by G.S. Kleppel, L. Willbanks, and R.E. Pieper. USC Sea Grant Program, Institute for Marine and Coastal Studies, University of Southern California, University Park, Los Angeles, CA 90089 (\$1.00).

Interactions of bacterivorous grazers and heterotrophic bacteria with dissolved organic matter by G.T. Taylor, R. Iturriaga and C.W. Sullivan, USC and Coastal Studies, University of Southern California, University Park, Los Angeles, CA 90089 (\$1.00)

The Paddlefish: Stature, Management and Propagation will be available shortly as a special publication of the North Central Division, AFS. For more information contact Joe Dillard, 1110 College Avenue, Columbia, MO. 65201 (\$9.00)

3-4 December 1986 - Acid Rain: The Relationship Between Sources and Receptors.
Sheraton National Hotel, Arlington, VA. Contact Bill Wagner, 33
South Washington Street, Rochester, NY 14608 (716) 546-3796.

If you have any questions or would like to contribute an article for the Newsletter contact:

Joe Buttner
Newsletter Editor
Department of Biological Sciences
SUNY Brockport
Brockport, NY 14420
(716) 395-5750

or

Leslie Kusek
Assistant Newsletter Editor
5H Lamplight Village
Monroe, NY 10950
(914) 783-1920

Since this Newsletter went to press there have been two developments that I would like to share with the membership.

- 1). The Central Pennsylvania Chapter of AFS is sponsoring a workshop (24-26 September) on the Lake Erie Fisheries. The boys from PA are a good group and I'm certain that the workshop will be well coordinated and informative. Specifics on the meeting can be obtained from Ron Hughey, 200 Pine St., Williamsport, PA 17701.
- 2). This is the last Newsletter before the National AFS Meeting and I would like to wish all participants in the Spawning Run an enjoyable 5K. In 1984, at Cornell, New York captured the laurels; let's have a repeat performance this year!! Good Luck!

RENEW YOUR N.Y. CHAPTER AFS MEMBERSHIP

Application for Membership New York Chapter of the American Fisheries Society (Information provided will be used in the annual membership directory)

Applicant's name: _____

Mailing address: _____

Employer or school: _____

Specialization (s) or interest: _____

☐ Regular \$5.00

☐ Student \$2.00

*Student members must be endorsed by a faculty member signing above.

Telephone _____ home

area code and number

_____ business

☐ Check here if you wish to receive information about national AFS membership.

****Please indicate area(s) of interest by numerical code from list below.**

Make check payable to NY Chapter-AFS and mail with this application to address on this form.

PLEASE SEND YOUR 1986 DUES TO:

G. ROUGH, BOX 456, ALFRED, N.Y. 14802

NY-AFS MEMBER: PLEASE NOTE THE NUMBER ON THE LOWER-LEFT CORNER OF YOUR MAILING LABEL. IF IT IS "86" YOUR DUES FOR 1986 HAVE BEEN PAID, ACCORDING TO MY RECORDS. IF IT IS "85" YOUR LAST DUES PAYMENT WAS FOR 1985. IF IT IS "0" YOUR LAST DUES PAYMENT WAS PRIOR TO 1985, YOU MAY USE THE ENCLOSED FORM FOR YOUR RENEWAL. IF YOUR MEMBERSHIP IS CURRENT USE THE FORM TO RECRUIT A NEW MEMBER. G. ROUGH, SEC.

Specialization or Interest

1. Administration
2. Aquaculture
3. Aquatic biology, ecology (freshwater)
4. Biological controls
5. Benthic organisms
6. Communications (writing, publishing, publicity)
7. Exotic species
8. Fish and fishing—general
9. Fish behavior
10. Fish biology—freshwater species
11. Fish biology—marine species
12. Fish biology—estuarine species
13. Fish biology—salmonids and cold-water species
14. Fish biology—warm-water species
15. Fish larvae
16. Fisheries management (population dynamics, habitat improvement, etc.)

17. Genetics
18. Health—medicine, aquatic animals
19. Ichthyology, taxonomy
20. Illustrations
21. Impact assessment
22. International fisheries development
23. Legislation and law enforcement
24. Limnology
25. Pesticides
26. Physiology
27. Plankton
28. Pollution
29. Power plants
30. Research
31. Striped bass
32. Sturgeon
33. Toxicology—all phases
34. Water quality—analysis, improvement, etc.

35. Crustaceans

36. Education/Teaching

37. _____

38. _____

Mail Application to:

G. Rough, Sec. Treas.

New York Chapt. AFS

Box 456

Alfred NY 14802



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

OCTOBER 1986

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NEW YORK NEWS

Annual Meeting

Annual Meetings of the New York Chapter of the American Fisheries Society have become a traditional forum for New York's fisheries professionals to exchange information and share ideas. Meeting topics are always timely and thought provoking, and the quality of technical presentations improves each year.

The 1987 meeting promises more of the same. In addition to sessions on rivers, effects of fish contaminants on human health, freshwater and marine fisheries (finfish and shellfish), and fish culture, a poster session and a mini-session on microcomputers have been added. Many of these sessions are more thoroughly described later in newsletter. Abstracts for both oral and poster presentations will be printed and distributed at the meeting. As in past years, we will be judging presentations for best paper and best student paper. Results of judging and pictures of winners will be submitted to "Fisheries" in February.

The meeting is scheduled for 29-31 January at the Beeches/Paul Revere Lodge in Rome, NY. The whole package for the 2 days will be \$82.85 for double occupancy and \$100.75 for single occupancy (triple occupancy is \$75.45 and quadruple occupancy is \$67.15). The price includes lodging, meal tickets and social hour. After hour entertainment and beverages are extra, and left to the creativity and desires of the attendees.

Abstracts should be completed using the attached form (last page of Newsletter) and sent to

Andrew Kahnle
N.Y.S. Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, NY 12561

New York Briefs

The Annual Chapter Workshop was held on 24 - 25, July 1986 at Cornell University in Ithaca. The 80 participants received instruction on "Aquatic Safety and Survival" in topics such as hypothermia, survival techniques and equipment, first aid and CPR. Each participant was also able to choose two small group classes from among topics such as boat safety, search and rescue, electro-fishing safety, and chemical handling safety.

One of the most popular aspects of the program was a pool practice session supervised by the principal speaker, Dr. David Smith. This session enabled participants to practice in-water survival techniques and try out various types of personal flotation devices.

Reaction to the workshop among participants was unanimously positive. Most came away with a strong sense that they were much better prepared to survive an aquatic emergency than they had ever been. For many, it was the first time they had ever thought seriously about the possibility of facing a life-threatening situation on the water.

Dr. Smith conducted a similar workshop for the South Dakota Department of Game, Fish and Parks during the Summer of 1986. Shortly thereafter, he received a letter from the Safety Coordinator of that agency, from which the following is excerpted:

"About a week ago, 6 of our guys were pulling a gill net. . . under high wind conditions. The net fouled the prop, killing the engine. The boat took a wave over the stern and the stern went under. The bow caught the wind and the boat flipped, coming down upside down. All 6 men were wearing PFD's and stayed with the boat until they were rescued. Several of the men who had been to your training said that the training helped keep them from panicking. Staying together helped, too. A year ago, these 6 guys probably would not have been wearing PFD's --and several were nonswimmers."

To our knowledge, no one who attended the New York Chapter Aquatic Safety and Survival Workshop has had to put their training to the test--yet. What happened in South Dakota can happen in New York. Fortunately, at least 80 fisheries and aquatic science workers in and near New York are now trained to deal with that type of emergency.

Source: Robert Lange, NYSDEC

The NYSDEC recently announced that Bob Lange (president elect of the NY Chapter - AFS) and Gerry Barnhart (past president of the NY Chapter AFS) have been promoted. Gerry Barnhart, formerly head of the Great Lakes Section in the Bureau of Fisheries, was appointed Assistant Director for the Division of Fish and Wildlife. Bob Lange, formerly at the Lake Erie station in Dunkirk, will assume the role of Great Lakes Section Head in the Bureau of Fisheries. Both individuals are quite competent and energetic fisheries scientists; they will provide the guidance essential for the continued health and growth of fisheries in New York. Congratulations and best wishes to both Mike and Bob!

NATIONAL NEWS

AFS Annual Meeting

The 116th Annual Meeting of AFS was held 14-18 September 1986 in Providence, RI. It featured the largest, most comprehensive technical program ever and probably attracted the largest attendance in the history of the Society. Official records indicate that 912 persons participated in the meeting. Many in attendance voiced support for publishing the entire annual meeting program in "Fisheries". (The Executive Committee voted to continue the practice in the future).

AFS distinguished Service Awards, for exemplary service to the Society were presented to Carl Burger, Steve Rideout, Don Chase, John Harville, Roy Stein and John Ney. The 1986 AFS Award of Excellence was bestowed upon Dr. William Beverley Scott for his contributions to Fisheries Science and aquatic biology. Golden Membership Certificates were awarded to fifty-year members: Reeve Bailey, William C. Beckman, C.R. Gutermuth, Willis King, Charles M. Lloyd, Alfred Perlmutter, and Dwight A. Webster.

A scholarship fund for a woman Ph. D. Fisheries Science student was initiated. The scholarship was named after Dr. J. Frances Allen, who remains active in AFS. The Executive Committee unanimously approved that all proceeds from the 1987 annual meeting raffle be directed to the new fund.

A Fish Genetics Section was approved by AFS members at Providence, RI. For more information contact David Phillip (a leader in isozyme analyses for many years), 172 Natural Resource Building, 607 E. Peabody Drive, Champaign, IL 61820.

Although the 1986 Annual AFS meeting only recently slipped into history, work has already initiated on the 1987 meeting in Winston-Salem, NC on 13-17 September. The major theme for the 1987 meeting is "Managing Tomorrow's Fisheries." For more information contact Program Chairman Dr. Bill Taylor, Department of Fisheries, Michigan State University, 13 Natural Resource Building, East Lansing, MI 48824 (517) 355-4447. For the real "early birds", the 1988 Annual AFS Meeting will be held at the Royal York Hotel in Toronto, ON, on 9-16 September. Program Chairman is Rudy Roser (202-637-3722). The hotel will offer unlimited space, and rooms for as low as \$25/day! (Toronto is a very lovely city with many cultural attractions, including an aquaculture exhibit currently on display at the Ontario Science Centre. I encourage all members of the New York Chapter AFS to attend the meeting).

AFS Briefs

The first AFS Meritorious Service Award was presented to Dr. Robert F. Hutton for his years of service to AFS and Fisheries. The award was authorized by unanimous vote of the AFS Executive Committee. The award itself is a handsome rolled bronze plaque mounted on a walnut board.

The best paper published in the 1985 volume of AFS Transactions was "Risk Analysis for Fish Diversion Experiments: Pumped Intake Systems" by Dr. R. Ian

Guidelines for the uses of fishes in field research are being prepared by a committee of the American Society of Ichthyologists and Herpetologists with involvement newly requested from AFS. The guidelines were requested jointly by the National Science Foundation and the National Institute of Health, with the request apparently being stimulated by actions of "animal kindness organizations." Preliminary information suggests the desire to develop federal government fish collection standards and guidelines which would be adhered to whenever governmental funding is involved. (The guidelines could eventually impact fisheries scientists in many ways such as in sampling of natural fish stocks, extensive/intensive culture of fish and use of fish in scientific studies).

General News

Charter boat operations contribute significantly to local economies. A Michigan Sea Grant study indicates that the average charterboat customer spends about \$93 per day in the local coastal area for items and services not related to the charterboat business. This includes: lodging, meals, groceries, entertainment and fuel. The average charterboat party (4.6 persons) generates about \$427 per day in local revenue. The typical Michigan charterboat generates \$23,000 per year in local direct spending which would not have occurred if there were no charterboats.

Charterboat fees and operation costs (frequently spent locally for fuel, dockage, meals, etc.) are in addition to these figures. The study makes a very significant point, "...charterboats generate far more dollars in coastal communities for other tourism related businesses than they take in for themselves."

Source: Charter Industry Trade News July/August 1986

Amendments to the Safe Drinking Water Act (SDWA), passed overwhelmingly by the Congress in May 1986 and signed by President Reagan on June 19, 1986, are the first important pieces of environmental legislation to be passed since the 99th Congress began more than 17 months ago. The result is a strengthening of the Act by requiring standards for specific contaminants and creating a national program to protect underground aquifers from pollutants.

The new Amendments authorize \$164.4 million for drinking water programs through 1991 and require the U.S. Environmental Protection Agency (EPA) to force community water suppliers to sample water for a greater number of contaminants. Currently, monitoring is required for only those substances for which the EPA has established Maximum Contaminant Levels (MCLs).

Source: Water Engineering and Management, August 1986.

The EPA, in a move vigorously opposed by states, may require states to develop water-quality standards for specific toxic pollutants. Since 1984, it has been working toward a toxics control strategy whereby states would integrate numeric limits for well-known toxic pollutants in waterways with standards for total effluent toxicity. State authorities are urging that they be allowed to enforce federal regulations through their existing programs, thereby preventing disruption of effective programs.

Markson Science (7815 S. 46th St., Phoenix AZ 85040 800-528-511) offers ion test strips for water quality determinations. Tests are available for peroxide, chromate, sulfite nitrate, formaldehyde, water hardness and chlorine. To conduct a test, the strip is dipped into the water and the resultant color is compared with a chart on the vial.

Congratulations and best wishes to Dr. Bill Young and his associates at Cornell University and Inlent Sea Foods, Inc. for their proposals recently funded by the NYS Department of Agriculture and Markets. Dr. Young's project (systems approach to the development of an integrated trout industry in New York State) and Inlent Sea Foods effort (use of freezers and coolers to obtain higher returns and to develop new fisheries) represent approximately 10% of the \$740,000 allocated by the Department to promote agriculture in NYS.

The National Fish Culture Hall of Fame was established by the American Fisheries Society in 1985, and recognizes Fish Culturists, past and present, who have distinguished themselves with outstanding contributions to the advancement of fish culture. The Hall is located at the S.D. Both Fish Hatchery because of its fish culture history. Arden Trandahl will be the chairman of the Hall of Fame Committee for the Section. Glenn L. Hoffman and New York's own David G. Haskell were the first inductees.

For those interested in aquaculture, the Water Farming Journal is a must. The new monthly newsletter covers important developments in aquaculture throughout the country and provides detailed updates on new methodologies. Included in the September issue are articles that describe an intensive operation in Toronto, the potential of sturgeon and Chinese carp culture and summarizes the aquaculture development plan recently developed by Illinois. The Newsletter accurately reflects the potential and needs of aquaculture. In stock market jargon, a strong buy signal is indicated.

CAREER CORNER

Michigan anticipates to fill some 50 positions in all aspects of Fisheries Division's programs. Interviews and examinations will commence in August. The main thrust will be on expansion of inland fisheries programs and is a direct result of Wallop-Breaux legislation and complementary legislation enacted by the Michigan Legislature. For more information contact John Scott, Michigan Department of Natural Resources, P.O. Box 30028, Lansing, MI 48909.

A plan for an AFS-sponsored employment service will be developed and presented to the Executive committee at it's March 1987 meeting.

NEW PUBLICATIONS

The National Oceanic and Atmospheric Administration/National Marine Fisheries Service has issued the National Artificial Reef Plan. The Plan provides guidance on technical aspects of artificial reef planning, design, siting, construction, and management. The Plan is published as NOAA Technical Memorandum NMFS OF-6 and is available in single copies from the National Marine Fisheries Service, NOAA, Washington, D.C. 20235 (R. Stone, 202/634-7449).

- 11-14 November 1986 - Annual Aquatic Toxicity Workshop. University of Moncton, Moncton, NB, Canada. Contact Professor J.S.S. Lakshminarayana, Dept. of Biology, University of Moncton, Moncton, NB E1A 3E9, Canada. (506) 858-4323.
- 20-23 November 1986 - Annual Meeting of the Southern Division of AFS. Baltimore Convention Center, Baltimore, MD. Contact Gene Deems, Maryland Dept. of Forest, Parks and Wildlife Services, Annapolis, MD 21401 (301) 269-3776.
- 3-4 December 1986 - Acid Rain: The Relationship Between Sources and Receptors. Sheraton National Hotel, Arlington, VA. Contact Bill Wagner, 33 South Washington Street, Rochester, NY 14608 (716) 546-3796.
- 7-10 December 1986 - Annual Midwest Fish and Wildlife Conference. Red Lion Inn, Omaha, NE. Contact Darrell E. Feit, Ak-Sar-Ben Aquarium, Rte. 1, Box 165, Gretna, NE 68038 (402) 332-3901.
- 27-30 December 1986. Joint Annual Meeting of the American Society of Zoologists, The American Microscopical Society, the Animal Behavior Society, the Crustacean Society, the International Association, Association of Astacology, and the Society of Systematic Zoology. The Opryland Hotel in Nashville, TN. Contact Mary Adams, Wiley, Box 2739 California Lutheran University, Thousand Oaks, CA 91360 (805) 492-3585).
- 30-31 January 1987. Annual Meeting NY Chaoter AFS. The Beeches/Paul Revere Lodge, Rome, NY. Contact Andrew Kahnle, NYSDEC 21 South Putt Corners Road, New Paltz, NY 12461. (914) 255-5443.
- 14-19 February 1987. AAS Annual Meeting, will include an international symposium on stock assessment and yield prediction. Chicago, IL.
- 24-28 February 1987. U.S. Trout Farmers Association. "Great Smokies" Hilton, Ashville, NC. Contact USTFA 515 Rock Street, Little Rock, AR 72202 (501) 372-3595
- 3-6 May 1987. Annual Meeting of the Northeastern Division of AFS. Boston Park Plaza Hotel, Boston, MA. Contact Peter Oatis, Program Chairman, Field Headquarters, Westboro, MA 01581. (617) 366-4470.
- 21-26 June 1986. Joint Meetings of the American Society of Ichthyologists and Herpetologists and the American Elasmobranch Society. New York State Museum, Albany, NY. Contact Robert A. Daniels, New York State Museum, CEC 3132, Albany, NY 12230.
- 11-17 September 1987 - The Annual Meeting of AFS. Winston-Salem, NC. Contact Carl Sullivan, Exec. Dir. AFS, 5410 Grosvenor Lane, Bethesda, MD 20814. (301) 897-8616.

chapter buy a screen for annual meeting
store it in ultra office

1986 ANNUAL MEETING PROGRAM
NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY

February 7-8, 1986
The Beeches
Rome, New York



1986 ANNUAL MEETING PROGRAM
The Beeches - Paul Revere Lodge
Rome, N.Y.

Thursday, February 6

7:00 - 9:00 p.m.

7:30 - 10:00 p.m.

Registration (motel lobby)

Executive Committee Meeting (The Beeches)

Friday, February 7

8:00 - 9:00 a.m.

8:55 - 9:00 a.m.

Breakfast (on your own)

Registration (The Beeches)

Welcome - Frank Panek, Program Chairman

*At motel if you want
Registration table needed*

INVITED PAPER SESSION: FISHERIES-HABITAT INTERRELATIONSHIPS
CHARLES GUTHRIE, NYSDEC, CHAIRMAN

Overview

9:00 - 9:10 a.m.

An overview of fisheries-habitat issues.

Dr. Frank M. Panek, Assistant Director

NYSDEC Division of Fish and Wildlife

Turn Room (upstairs)

Habitat Evaluation

9:10 - 9:30 a.m.

Lake Erie: Habitat and fish community structure.

Robert E. Lange

NYSDEC Lake Erie Fisheries Unit

*They provide screen + extension cords
set it up as head table*

9:40 - 10:00 a.m.

Habitat evaluation through the use of instream flow incremental methodology.

Russell J. Nemecek

Terrestrial Environmental Specialists

10:00 - 10:20 a.m.

Trout stream habitat measurement: Some history, applications and prognoses.

Robert Engstrom-Heg

NYSDEC, Stamford

10:20 - 10:40 a.m.

Coffee Break

coffee + danish

Habitat Manipulation

10:40 - 11:00 a.m.

Highway construction and fisheries management: "A case study of fisheries resource protection in the 1980's."

Jack Cooper

NYSDEC, Avon

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Enhancement of smallmouth bass nursery habitat in Canadarago Lake.

Dr. David M. Green and Kay Sanford

Cornell University and NYSDEC

- 3:20 - 3:40 p.m. Behavioral thermoregulation on naive and native largemouth bass (Micropterus salmoides) in a nuclear reactor cooling reservoir.
L.C. Zimmerman, J.R. Spotila, E.A. Standora and G.E. McDannell
SUNY - Buffalo
- 3:50 - 5:15 p.m. Business Meeting
- 5:30 - 6:30 p.m. Social Hour ③ $\frac{1}{4}$ Kego pretzels, chips
- 6:30 - 7:30 p.m. Dinner (The Beeches) stuffed pork chops (includes dessert) cheese cake
- 8:00 - 9:30 p.m. Informal Sessions and Displays
- (film) - "To build a reef - the C-WARP"
(Artificial reef construction by Marine Science Research Center - SUNY Stony Brook)
Dr. Peter Woodhead
- (display) - "St. Lawrence Aquarium"
Dr. Donald Osterberg
SUNY - Potsdam
- (poster) - "New York State Aquaculture Association"
Dr. Joseph Buttner
SUNY - Brockport

Saturday, February 8

Concurrent Sessions

8:00 - 9:00 a.m.

Breakfast (The Beeches) organized breakfast at the Beeches (same rooms Fri dinner)
standard breakfast (will include a grill service)
CONTRIBUTED PAPER SESSION II
JACK HASSE, NYSDEC, CHAIRMAN

OK 9:00 - 9:20 a.m.

Age and growth studies of the black and white crappie in Chautauqua Lake, New York.
Webster Pearsall
SUNY - Fredonia

9:20 - 9:40 a.m.

Interactions of PCB's and Dioxins with disease resistance and immune responses of rainbow trout.
Dr. Jan M. Spitsbergen
NYS College of Veterinary Medicine, Cornell University, Ithaca

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Hybridization of Etheostoma nigrum and E. olmstedii in the Genesee River.
Betty Lou Brett
University of Rochester

7 9:20-9:40

Fish community structure in a Hudson R tidal freshwater marsh Robert Schmidt
Simons Rock of Bard College

10:20 - 10:40 a.m.	Coffee Break <i>coffee & Danish</i>
10:40 - 11:00 a.m.	Fish community structure in a Hudson River tidal freshwater marsh. Robert E. Schmidt Simons Rock of Bard College, Great Barrington, MA
11:00 - 11:20 a.m.	Fish and their habitats in the Upper Hudson Estuary. Douglas M. Carlson NYSDEC, Stamford, NY
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JOINT SESSION	
11:40 - 11:55 a.m.	Remarks by new Chapter President.
11:55 - 12:00 noon	Presentation of Best Paper and Best Student Paper awards.

ATTENDEES, NY-AFS ANNUAL MEETING 1986

MEMBERS

Gerry Barnhart
 Daniel Bishop
 Martin Borko
 Paul Bowser
 Bob Brandt
 Stephen Brandt
 Betty Lou Brett
 Russell Brown
 David Bundy
 Dieter Busch
 Joseph Buttner
 Doug Carlson
 James Colquhoun
 R.Scott Cone
 D.James Coutu
 Cliff Creech
 Terry Culp
 Mike Duttweiler
 Don Einhouse
 Ron Engel
 Bob Engstrom-Heg
 Bill Ewell
 Patrick Festa
 Tom Field
 Bill Flick
 John Forney
 Steve Gloss
 David Green
 John Grim
 Chuck Guthrie
 Jack Hasse
 Chris Habicht
 Jim Haynes
 Ned Holmes
 John Homa, Jr.
 Ed.Horn
 Phil Hulbert
 Carol Iancu
 Dan Josephson
 Amy Kahn
 Andy Kahnle
 Paul Kazyak
 Chris Keleher
 Richard Koeppicus
 Cameron Lange
 Bob Lange
 Stephen LaPan
 D.B.MacNeill
 Mark Malchoff
 J.Ellen Marsden
 Doran Mason
 David Mayack
 Gary McDannell

Paul McKeown
 David Miller
 Ed Mills
 Bob Myers
 Rus Nemecek
 Dave Nettles
 Gary Neuderfer
 Art Newell
 Lou Olney
 Don Osterberg
 Frank Panek
 Ant. Pappantoniou
 Bill Pearce
 Web Pearsall
 Ed Radle
 Donna Randall
 Jeffrey Robins
 Mary A.T.Roosaare
 Gaylord Rough
 Meg Saeli
 D.Kay Sanford
 John Schachte
 Bob Schmidt
 Dick Schleyer
 Bruce Shupp
 Scott Siegfried
 Howard Simonin
 Larry Skinner
 Norm Soule
 Bob Spateholts
 Jan Spitzbergen
 Jim Spotila
 Doug Stang
 Ray Tuttle
 Tim Urban
 Randy Vaas
 Dwight Webster
 Leslie Wedge
 Bob Werner
 Mike Wilkinson
 Jim Winter
 Marilyn Wolfe
 Ed Woltmann
 Greg Wooster
 Byron Young

NON-MEMBERS

Malcolm Schug
 Fred Serchuk
 James Tompkins

NEW AND REINSTATED

Thomas Alford
 Robert Angyal
 Andrew Auld
 Gerald Buckley
 David Cacela
 John Campbell
 Denise Cattarin
 Scott Cook
 Jack Cooper
 Leo Demong
 Stephen Duda
 Glenn Gerber
 James Gilliam
 William Gordon
 Eric Guilfoos
 Sarah M. Kuss
 Mark Lindberg
 Russell Lloyd
 Sharook Madon
 Kim McKown
 Neil Moccio
 Joseph Pane
 Richard Preall
 Bob Ratajczak
 Denise Richardson
 Karen Riva
 Carl Schofield
 Tim Sinnott
 Leslie Surprenant
 Philip Unger
 Steven Wisniewski
 Peter Woodhead

RUSSELL J. NEMEDEK, PH.D.

ENVIRONMENTAL CONSULTANT

H-4 SPRUCE TREE CIRCLE

LIVERPOOL, NEW YORK 13090

315-652-5501

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NYSDEC, Stamford

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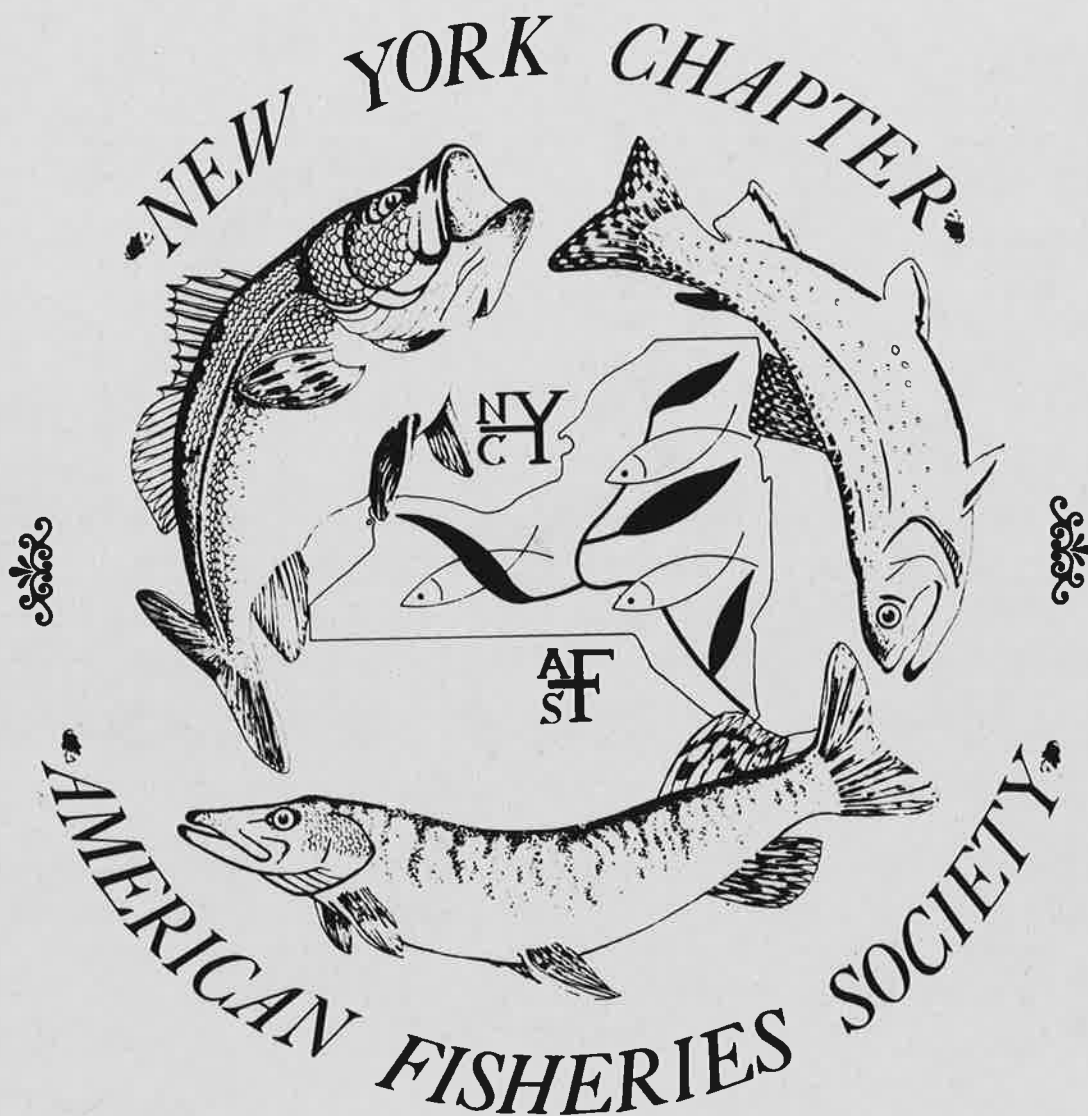
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NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY



MEMBERSHIP DIRECTORY

1986 - 1987

EFFECTIVE APRIL 15, 1986

1986 OFFICERS - NEW YORK CHAPTER

AMERICAN FISHERIES SOCIETY

PRESIDENT

MICHAEL DUTTWEILER

PRESIDENT-ELECT

ROBERT LANGE

SECRETARY-TREASURER

GAYLORD ROUGH

SECRETARY-TREASURER-ELECT

JACK HASSE

Elected at the Annual Meeting of the New York Chapter on February 7, 1986. The Annual Meeting was held at The Beeches Conference Center, Rome, New York, February 7-8, 1986.

1986

EXECUTIVE COMMITTEE AND STANDING COMMITTEE CHAIRPERSONS

Executive Committee

President	Michael Duttweiler
President-Elect	Robert Lange
Secretary-Treasurer	Gaylord Rough
Secretary-Treasurer-Elect	Jack Hasse
Past-President	Gerald Barnhart

Standing Committee

Audit/Finance	Paul McKeown
Environmental Concerns	Arthur Newell
Membership	Robert Lange
Nominating	Gerald Barnhart
Program	Andrew Kahnle
Resolutions	Dieter Busch

Special Committee

New Initiatives	Thomas Field and Gerald Barnhart
Newsletter	Joseph Buttner
Publicity	
Workshop	Robert Lange

MEMBERSHIP LISTING

The names of all members who paid dues for 1985 and/or 1986 through April 15, 1986 are listed alphabetically. The last name appears first on the first line on the left hand side, followed by the first name and initial. Immediately below the name is the member's affiliation; either the member's employer or, for students, the academic institution. An "S" in parentheses indicates that the member is a student. An "*" indicates honorary membership.

The member's home address is given in the second column. If no home address is given the employment or school address is used. In the third column are listed one or two telephone numbers, the number on the first line is the home number and the number on the second line is the business or school number.

In the fourth column a coded number(s) represents the major field of interest of the member. The interpretation of the codes follows:

1. Administration
2. Aquaculture
3. Aquatic biology, ecology (freshwater)
4. Biological controls
5. Benthic organisms
6. Communications (writing, publications, publicity)
7. Exotic species
8. Fish and fishing - general
9. Fish behavior
10. Fish biology - freshwater species
11. Fish biology - marine species
12. Fish biology - estuarine species
13. Fish biology - salmonids and cold-water species
14. Fish biology - warm-water species
15. Fish larvae
16. Fisheries management (population dynamics, habitat improvement, etc.)
17. Genetics
18. Health-medicine, aquatic animals
19. Ichthyology, taxonomy
20. Illustration
21. Impact assessment
22. International fisheries development
23. Legislation and law enforcement
24. Limnology
25. Pesticides
26. Physiology
27. Plankton
28. Pollution
29. Power plants
30. Research
31. Striped bass
32. Sturgeon
33. Toxicology - all phases
34. Water quality - analysis, improvement, etc.
35. Crustaceans
36. Education/Teaching

This directory is for the use of New York Chapter members only and is not to be used for mailing lists, commercial solicitation, etc., without written permission from the Chapter.

Adams, Lynn (S)	ERC-SUNY Fredonia Fredonia, NY 14063	716-672-7757 716-673-3375	3, 10, 33
Aleveras, Ronald LMS Engrs.	82 Cardinal Dr. Washingtonville, NY 10992	914-496-9619 914-735-8300	8, 13, 16, 21
Alford, Thomas E. OCCC	Orange Co. Comm. College Middletown, NY 10940	914-343-1336	3, 17, 36
Angyal, Robert K. NYS DEC	RD 1, Box 422 Stone Ridge, NY 12484	914-687-7821 914-255-5453	8, 13, 14, 16
Arnold, Stephen LMS Engrs.	LMS Engineers One Blue Hill Plaza Pearl River, NY 10965	914-358-8776 914-735-8300	3, 16, 21, 24 28, 29, 30 32, 34
Auld, Andrew Beak Consultants	Seneca St. Interlaken, NY 14847	607-532-9232 716-542-5544	
Barnhart, G.A. NYS DEC	RD 1, Box 142 Schaghticoke, NY 12154	518-692-7349 518-457-5698	13
Bartello, Mark C.	99 Roland St. Buffalo, NY 14212	716-892-5860	16, 38
Bargero, Leslie M. Malc. Pirnie, Inc.	SH Lamplight Village Monroe, NY 10950	914-783-1920 914-694-2100	3, 6, 16, 21
Barth, Richard Cosper Env. Serv.	17 Knight Lane Kings Park, NY 11754	516-265-3687 516-754-4457	2, 33
Batur, Mark Herkimer Co. C.C.	Box 67 Stittville, NY 13469	315-865-8728	3, 10, 16, 19 24, 28, 30
Beebe, C. Allen Texas Instr.	75 St. James St. Kingston, NY 12401	914-338-5684 914-741-4500	3, 10
Beyenbach, Klaus Cornell U.	VRT 826, Sec. Physiology Cornell University Ithaca, NY 14853	607-256-5454	27, 30
Bishop, Daniel NY DEC	4141 South St. Marcellus, NY 13108	315-673-1257 607-753-3095	
Black, Warren USEPA	255 Ziska Ave., Apt. B-7 Jerico, NY 11753	212-264-5170	21
Blake, John W. NYS Power Auth.	23 Cross Ridge Rd. Chappaqua, NY 10514	914-238-5441 212-397-2941	3, 28
Borko, Martin Orange Co. C.C.	Bio. Dept., OCCC Middletown, NY 10940	814-342-1684 914-343-1121	3, 10, 11, 36
Bowser, Paul R. Cornell Vet. Med.	Avian & Aqu. Animal Med. Cornell University Ithaca, NY 14853	607-272-3413 607-256-5454 Ext. 2365	2, 18, 30, 38

Cattarin, Denise SUC-Buffalo (S)	1021 Seneca Crk. Rd. West Seneca, NY 14224	716-674-5298 716-878-6233	2, 16, 30, 37
Chang, Chang-Hwa CUNY-City Col. (S)	84-49, 168 St., Apt. 1-L Jamaica, NY 11432	212-658-6331 212-873-1300	3, 10, 11, 12 13, 14, 15
Chiotti, Thomas L NYS DEC	83 Morris Road Freeville, NY 13068	607-838-3733 607-753-3095	10, 13, 16
Chipman, Brian D VA Polytech & SU	Dept. Fish & Wildlife VA Polytech & State Univ. Blacksburg, VA 24061	703-951-1191 703-961-5320	10, 16, 37
Colesante, Richard NYS DEC	118 Mill St. Constantia, NY 13044	315-623-9475 315-623-7311	2, 3, 10
Colquhoun, James NYS DEC	56 Paxwood Road Delmar, NY 12054	518-439-1231 518-457-6178	3, 18, 33, 34
Connors, Heather A SUNY-CES (S)	875 Livingston Ave. Syracuse, NY 13210		3, 9, 10, 19 20, 30, 36
Cook, Scott D. NYS DEC	503 Park Place Painted Post, NY 14870	607-962-6334 607-753-3095	8, 13, 16
Cooper, Jack G. NYS DEC	6267 E. Avon Lima Rd. Avon, NY 14414	716-226-2567 716-226-2466	3, 10, 21, 24 28
Cooper, Jon	Hudson River Foundation Suite 1901, 122 E. 42nd St. New York, NY 10168	914-769-8729 212-949-0028	3, 5, 8, 16 21, 24, 31
Cosper, Terry Cosper Env. Serv.	P.O. Box 525 Northport, NY 11768		2, 33
		516-754-4455/6/7	
Cormier, Susan U. Louisville	Dept. Biol., U. Louisville Louisville, KY 40292	812-969-2558 502-588-6772	13, 15, 25 28, 30, 34
Coutu, D. James NYS DEC	232 Winslow St. Watertown, NY 13601	315-788-3837 315-785-2250	10
Creech, Cliff NYS DEC	648 Old Stage Road Groton, NY 13073	607-898-3965 607-753-3095	8, 10, 13
Cull, Catherine Conestoga-Rovers	7 Glenbourne Ct. Williamsville, NY 14221	716-632-9337 519-884-0510	24, 34
Culligan, William NYS DEC	510 Peru Road Groton, NY 13073	607-898-3331 607-753-3095	16
Culp, Terry R. Iththyol. Assoc.	P.O. Box 2 Stamford, NY 12167	607-652-3408 607-652-3563	21, 29
Daniels, Robert A NYS Museum	NYS Museum, CEC Albany, NY 12230	518-872-2137 518-474-5800	3, 10, 19

Engstrom-Heg, Robert	Box 58, HC 64	607-829-8785	3-10, 13, 14
NYS DEC	Oneonta, NY 13820	607-652-7364	16-18, 24, 25, 30
Eustance, William	7 Oakcrest Drive	914-294-5745	2, 3, 10, 14, 16
Eustance & Horowitz	Goshen, NY 10924	914-361-4541	21, 24, 25, 28
Evans, Howard	Dept. Anatomy, CVM, Cornell	607-273-7189	7, 10-14, 18, 19
Cornell U.	Ithaca, NY 14853	607-256-5454	20, 36
Ewell, William	Eastman Kodak, Co, B 306	716-247-3083	2, 3, 15, 18, 23
Eastman Kodak	Rochester, NY 14606	716-588-4528	30, 33, 34
Fairchild, Robert	P.O.Box 475		6, 22, 24, 36
U.S.Army	Ft. Knox, KY 40121		
Festa, Patrick	4 Birchwood Drive	518-371-4566	10
NYS DEC	Clifton Park, NY 12065	518-457-6937	
Field, Thomas C	77 Route 9	518-793-1282	2, 16
Fernwood Hatchery	Gansevoort, NY 12631	518-793-1282	
Finkelstein, Samuel	8 Madeley Lane	516-751-3926	1, 8, 11, 12, 30
NYS DEC	Stony Brook, NY 11790	516-751-7900	31
Flack, Frank M.	432 Wescott St.	315-475-2838	2, 3, 8, 13, 16
NYS DEC	Syracuse, NY 13210	315-337-0910	30
Flick, William *	Paul Smith's, NY 12970	518-327-3529	13, 16
Cornell--Retired		518-327-3534	
Flint, R.Warren	Res.Ctr, King Hall, SUNY	315-343-3773	3, 4, 5, 16, 24
SUC Oswego	Oswego, NY 13126	315-341-3088	35
Foley, Robert	3 Frasier Ave.	518-762-1114	26, 33
NYS DEC	Johnstown, NY 12095	518-773-7318	
Forney, John L.*	R.D. 1	315-633-2948	3, 16
Cornell U.	Bridgeport, NY 13030	315-633-9243	
Fox, Richard	SUNY, Bldg. 40	516-698-3452	11, 16, 20
NYS DEC	Stony Brook, NY 11790	516-721-7900	
Franke, Kevin J.	6504 Doe Rd.	914-246-9078	3, 4, 8, 9, 13, 14
SUNY CESF (S)	Saugerties, NY 12477	315-422-5285	16, 19, 21, 23
Fraser, Douglas	Bio. Dept., Siena College	518-873-2024	9, 10, 14, 30
Siena College	Loudonville, NY 12211	518-873-2467	
Galati, Joseph	93 Lakin Ave.	716-483-1368	9, 16
NYS DEC	Jamestown, NY 14701	716-673-3374	
Gall, Wayne K.	36 St. Mary's St.	716-681-8238	3, 5, 10, 24
Buffalo Mus.of Sci.	Lancaster, NY 14086	716-846-7472	
Garrell, Martin	Adelphi U., Physics Dept.	516-298-5095	16, 24, 28
Adelphi U.	Garden City, NY 11530	516-294-8700	

Haskell, David	P.O.Box 65 Stony Creek, NY 12878	518-696-2608	2,13
Hassan, James CESF-Syracuse (S)	706 Barnes Ave. Syracuse, NY 13207	315-469-8770	13
Hasse, Jack NYS DEC	207 Genesee St. Utica, NY 13501	315-826-7610 315-793-2554	9,16
Haynes, James SUNY Brockport	130 Pine Hill Rd. Spencerport, NY 14559	716-352-9767 716-395-5750	9,13,16,19,21 30,32,36
Heinrich, Thomas NYS DEC	726 Grant Ave. Dunkirk, NY 14048	716-366-8471 716-366-0228	
Hjorth, Douglas C.T.Main Inc.	R.D. 3, Box 54 Pelham, NH 03076	603-635-3227 617-262-3200	3,5,8-12,14- 16,19,27-29
Habicht, Chris. Cornell (S)	26 Spruce Lane Ithaca, NY 14850	607-257-2490	16
Holmes, Edward NYS DEC	High Acres Hemlock, NY 14466	716-346-5761 716-226-2466	16
Holsapple, John NY Power Pool	P.O.Box 146 New Baltimore, NY 12124	518-756-9783 518-381-2122	33,34
Homa, John Jr. Ichthyol.Assoc.	48 Teeter Road Ithaca, NY 14850	607-257-7121 607-272-3778	1,6,16,29
Hopper, Clayton	2552 Four Rod Road East Aurora, NY 14052	716-652-7740	14
Horn, Edward NYS DEC	50 Wolf Rd., Rm. 530 Albany, NY 12233	518-765-4271 518-457-6178	1,21,33
Huggins, Thomas	284 South Ave. Poughkeepsie, NY 12602	914-229-9048 914-452-2000	3,14,16,19,34
Hughes, Michael CESF-Syracuse (S)	204 Church St. Amsterdam, NY 12010	518-842-5236	3,11-14
Hughes, Steven USF & W/L	28 Gracie Road Cortland, NY 13045	607-272-7915 607-753-9391	2,26,31,37
Hulbert, Philip NYS DEC	R.D. 1, Box 622 E. Meredith, NY 13757	607-278-5490 607-652-7364	
Iancu, Carol CESF Syracuse (S)	604 Park Ave, Apt. 2 Syracuse, NY 13204	315-425-9226	3,10,16,22 26,30
Inman, John P. CESF Syracuse (S)	Slocum Heights, A25-9 Syracuse, NY 13210	315-446-9321	3,8,9,17,27 35
Johnson, Jim & Emily Oregon Dept.F&W/L	4548 SW Fairvale Court Portland, OR 97221	503-245-5426 503-229-5413	1,5,10,15,16

Lassoie, J.P. Cornell U.	Nat.Resources,Cornell U. Ithaca, NY 14853	607-539-7451 607-255-2114	37
LaPan, Steven SUNY CESF	246 Illick Hall,CESF Syracuse, NY 13210	315-468-5624 315-470-6805	30
Leach, James Albany Med.	Pharmacology & Toxicol. Albany Medical College Albany,NY 12208	518-458-8615 518-445-5494	10,25,29,33
Leibovitz,Louis Cornell U.	Marine Animal Health Lab. Marine Biol. Lab. Woods Hole, MA 02543	617-540-8551 617-548-3705	18
Levine, Edward NYC DEP	NYC Dept.Envir.Protect. Ward's Island, NY 10035	212-409-6654 212-860-9340	28,30,34
Lichorat, Robert NYS DEC	Box 236, Rt. 310 Dewittville, NY 14728	716-753-3240 716-789-2705	10,13
Lindberg, Mark Beak Consultants	12072 Main Road Akron, NY 14001	716-542-5544 716-798-1341	2,3,16,21,28 29,33
Litwa, Michael NYS DEC	460 17th. St. W. Babylon, NY 11704	516-957-0983 516-751-7900	2,7-9,11,16 31
Lloyd, Russell Cornell (S)	1871 Hanshaw Rd. Parkwood Village No.4 Ithaca, NY 14850	607-257-5628	16
Locicero, Felix US EPA	21-09A 46 St. Astoria, NY 11105	212-728-5482 212-264-1552	8,16,19,21,23 31,34
Loeb, Howard NYS DEC (Ret'd)	184 Georgetown Ct. Voorheesville, NY 12186	518-765-4935	10
Long, John FWMA Board	Box 37 Niagara Falls, NY 14302	716-731-4002 716-285-7313	1,6,8,16,23
Mack, Alan NYS DEC	65 Miner St. Camden, NY 13316	315-245-3965 315-337-1390	10,13,14,16 17,34
MacNeill, David SUNY ESF (S)	SUNY-ESF,226 Illick Syracuse, NY 13210	315-463-4913	10,15,27
Madon, Sharook SUNY ESF (S)	SUNY-ESF,318 Illick Syracuse, NY 133210		13
Maertz, Maryann Concordia (S)	383 Pipe Stave Hollow Rd. Mt. Sinai, NY 11766	516-928-9664	2,3,11,12,28 30,36
Makarewicz,Joe SUNY Brockport	205 Darla Drive Brockport, NY 14420	716-637-9542 716-395-5747	3,24,27,34
Malchoff, Mark Coop.Extension	Box 199, Murray Rd. Stony Creek, NY 12878	518-696-4233 518-623-3291	36

Moccio, Neil CSH Fish Hatchery	3129 Morgan Dr. Wantagh, NY 11793	516-221-8793 516-692-6768	2,3,9,10,13 14-19,25,33
Mooradian, Stephen NYS DEC	104 Park St. Olean, NY 14760	716-373-2494 716-372-8676	3,8,13,14 16
Myers, Julian	17 Elm Place Lancaster, NY 14086	716-683-1479	2,10,16,34 36
Myers, Robert Soil Cons.Serv.	RD 2, New Boston Rd. Chittenango, NY 13037	315-687-9432 315-423-5494	2,16
Nasemann, Alan R.	702 S. Beech St. Syracuse, NY 133210	315-471-4376	3,5,10,16,24 34,36,37
Nemecek, Russell	H-4 Spruce Tree Circle Liverpool, NY 13090	315-652-5501 315-652-5501	3,10-14,16,21 24,28,29,34
Neth, Paul NYS DEC	R.D. 5, Juniper Drive Ballston Spa, NY 12020	518-885-7792 518-457-5698	1,13,14,16
Nettles, David	116 Woodruff St. Watertown, NY 13601	315-782-5670 607-256-2151	3,13
Neuderfer, Gary NYS DEC	45 Norman Rd. Rochester, NY 14623	716-424-4926 716-226-2466	3,5,10,13,14 28,33,34
Newell, Arthur NYS DEC	R.D. 1, Box 71 Westerlo, NY 12193	518-797-1769 518-457-1769	3,33,34
O'Gorman, Robert USFWS	161 West 8th St. Oswego, NY 13126	315-343-2351 315-393-3951	16
O'Grady, Dean Water Testing Lab.	8 Willowbrook La., Apt.3 Manilus, NY 13104	315-682-8039	3
Olney, Louis Morrisville A.T.	Rocks Road, Box 152A Morrisville, NY 13408	315-684-3448 315-684-6237	2,9,10,13,14 16,19,34,37
Osterberg, Donald SUNY Potsdam	20 Grove St. Potsdam, NY 13676	315-265-8971 315-267-2261	3,10,30,36
Otis, Maurice NYS DEC	P.O.Box 243 Saranac Lake, NY 12983	518-891-1009 518-891-1370	1,8,16
Padilla, Miguel Fordham Law (S)	15 Marble Hill Ave. Bronx, NY 10463	212-562-5394	7,8,12,23,31
Pane, Joseph NYS DEC	2265 Westchester Ave. Bronx, NY 10462	212-488-2758	11,12
Panek, Frank NYS DEC	17 Fern Road Rocky Point, NY 11778	516-821-0357 518-457-5691	1,16
Pappantoniou, Anton. H.H.Lehman Col.	Bio.Sci., Lehman College Bronx, NY 10468	212-796-1660 212-960-8240	3,10,19

Rough, Gaylord Alfred U.	88 S. Main St. Alfred, NY 14802	607-587-9161 607-871-2205	3, 10
Russell, Michael Pennzoil	PO Box 293, E. State Rd. Seneca, PA 16346	814-676-5981	2, 16, 24
Saeli, Mary Niagara Mohawk	Niagara Mohawk Power Co. 300 Erie Blvd. Syracuse, NY 13202	315-428-3101 315-636-8410	3, 21, 29, 33
Sanford, D.Kay	Route 10 Stamford, NY 12167	607-278-5868 607-652-7364	
Sarbello, William NYS DEC	933 Pine Hill Dr. East Schenectady, NY 12303	518-457-6179	1, 21
Schachte, John NYS DEC	706 Floyd Ave. Rome, NY 13440	315-339-2518 315-337-0910	18
Schiavone, Albert NYS DEC	317 Washington St. Watertown, NY 13601	315-658-2652 315-755-2266	10, 14, 16
Schleyer, Richard ESLO Derby, Inc.	P.O.Box 23746 Rochester, NY 14623	716-385-4864 716-272-0130	7, 9, 10, 13 17, 21, 22
Schmidt, Robert Simon's Rock Col.	S.R.College, Alford Rd. Grt.Barrington, MA 01230	518-325-7265 413-528-0771	3, 15, 19, 30
Schoch, William NYS DEC	14 E.Pine St. Saranac Lake, NY 12983	518-891-1837 518-891-1370	16, 21
Schofield, Carl Cornell U	Fernow Hall, Cornell U Ithaca, NY 14853	607-272-9476 607-256-7061	3, 16, 34
Schoonmaker, Gary Niagara Mohawk	300 Erie Blvd. W. Syracuse, NY 13202	315-673-4652 315-428-6619	10, 13, 14, 21
Seeley, George NYS DEC	RD 2, Box 224 Delanson, NY 12053	518-895-8009 518-457-5430	1, 2, 3, 8, 16
Serio, James Blade Tackle Co.	481 S. Beech St. Syracuse, NY 13210	315-476-9806 315-475-3474	8, 10, 24
Setari, Christine NYS DEC	52 Red.Maple Road Ridge, NY 11961	516-924-0422 516-751-7900	2, 3, 4, 7, 9, 12 15, 18, 36
Sheppard, J.Doug. NYS DEC	3 Birchwood Drive Clifton Park, NY 12065	518-371-1355 518-457-6179	3, 9-16, 19, 21 30, 34
Sherman, Ruth Cornell (S)	CFU, Fernow Hall, Cornell Ithaca, NY 14850	607-257-3767 607-256-2151	3, 33, 34
Shupp, Bruce D NYS DEC	278 Pine St. Chestertown, NY 12817	518-494-3850 518-457-5420	1, 10, 16

Stang, Douglas L. NYS DEC	21 S. Putt Corners Rd. New Paltz, NY 12561	914-255-9303 914-255-5453	12, 16, 30, 31
Stillman, Loretta CUNY-AMNH (S)	101 Perry St. New York, NY 10014	212-242-1486 914-255-5453	3, 19
Storonsky, Michael Acres Amer., Inc.	6 Tolland Bore E. Aurora, NY 14052	716-655-1545 716-853-7525	3, 10, 12, 21, 28 29, 34
Storr, John SUNY Buffalo	Bio. Dept., SUNY Buffalo Buffalo, NY 14260	716-633-8479 716-636-2968	3, 9, 24, 29, 30
Strait, Lawrence NYS DEC	7 Landover Lane Lake Placid, NY 12946	518-523-9073 518-891-1370	10
Sugatt, Richard Enviro Systems, Inc.	One Lafayette Road Hampton Falls, NY 03844	603-926-3345	18, 33
Surprenant, Leslie NYS DEC	6067 Johnston Slingerlands, NY 12159	518-869-1166 518-457-6179	29
Sutter, Thomas D. NYS DEC	15 Slingerlands St. Slingerlands, NY 12159	518-439-9097 518-439-8057	1, 2, 7, 16
Taormina, Anthony	108 Glenwood Lane Port Jefferson, NY 11777	516-473-1869	36
Trapani, Jude SUNY-ESF (S)	336 Winding Ridge Syracuse, NY 13210	315-478-5308 716-342-0599	3, 8, 13, 21, 24 28, 34
Tuttle, L. Raymond NYS E&G	Sterry Drive, RD 1 Box 281, Greene, NY 13778	607-656-8702 607-729-2551	10, 29, 33, 34
Unger, Philip SUNY-ESF	100 Oswego St. Baldwinsville, NY 13027	315-638-9225 315-470-9225	3, 10, 27
Urban, Timothy SUNY-ESF (S)	25 Sherwood Ave. Webster, NY 14580	716-872-4946 315-472-8937	3, 9-14
Vaas, C. Randy NYS DEC	RD 3, Box 274C, Fralick Rd. Watertown, NY 13601	315-788-7725 315-785-2246	33, 34
Valente, Ray. M. Cosper Env. Serv.	Box 525 Northport, NY 11768	516-752-8640 516-754-4456	2, 3, 28, 29, 31 33, 34
VanVolkenburgh, Pieter NYS DEC	SUNY, Bldg. 40 Stony Brook, NY 11794	516-567-1738 516-751-7900	1, 2, 5, 11, 16
Vernale, Cindy SUC Buffalo (S)	160 Koster Row Egbertsville, NY 14226	716-836-6713 716-878-6410	3, 5, 10, 11, 29
Waldman, John R. Hudson R. Found.	84-08 126 St. Kew Gardens, NY 11415	718-849-2933 212-949-0028	6, 8, 19, 31
Webster, Dwight Cornell U.	Fernow Hall, Cornell U. Ithaca, NY 14853	315-369-3122 607-256-6578	10, 13, 16

BYLAWS OF THE NEW YORK CHAPTER OF THE AMERICAN FISHERIES SOCIETY

Section 1 - Name and Objectives

1. The name of this organization shall be the New York Chapter of the American Fisheries Society, hereinafter referred to as the Chapter.

2. The objectives of the Chapter shall be those of the American Fisheries Society as set forth in Article 1 of its Constitution, and to encourage the exchange of information by members of the Society residing within the State of New York.

Section 2 - Membership and Dues

1. The membership of the Chapter shall be of the following classes:

(a) Member: Active Members of the American Fisheries Society in good standing, upon enrollment in the Chapter, shall be eligible to vote.

(b) Honorary Member: Persons who, by reason of professional or other attainments, outstanding service to the Chapter, or official position, shall be eligible for election as an Honorary Member upon nomination by two or more Chapter Members in good standing, and a 2/3 vote of the members present at an annual meeting. There shall be two classes of honorary membership:

(1) Distinguished Service and (2) Exofficio. Honorary Members shall be entitled to all rights and privileges of Members, except that Exofficio Members shall not vote or hold office.

2. Annual dues for Members shall be five dollars (\$5.00), except that dues for full-time students shall be two dollars (\$2.00). Honorary Members will not be required to pay dues. Dues of new members shall be payable when application for membership is accepted. Memberships not paid on or before July 1 shall be considered lapsed and those persons shall not receive publications of the Chapter and shall forfeit all rights and privileges of membership as long as dues are unpaid.

Section 3 - Meetings

The Chapter shall hold at least one meeting annually at the time and place designated by the Executive Committee. Notice of the annual meeting of the Chapter shall be mailed to each member at least one month before the date of such meeting. Business shall be conducted in accordance with provisions of these Bylaws, and/or Robert's Rules of Order in the absence of specific guidelines. The program shall be the responsibility of the Program Committee.

Section 6 - Executive Committee

The Executive Committee shall consist of the Chapter officers (President, President-Elect, Secretary-Treasurer, Secretary-Treasurer-Elect) and the immediate Past-President. The Chairpersons of standing committees and ad hoc committees shall be non-voting members of the Executive Committee. The Executive Committee is authorized to act for the Chapter between meetings and to perform appropriate duties and functions.

Section 7 - Chapter Committees

Chairpersons of Committees, except as listed in Sections 5 and 6, shall be appointed by the President. Committee members shall be chosen by the respective committee chairpersons. Standing Committees shall include: Auditing, Environmental Concerns, Membership, Nominating, Program, and Resolutions. The Nominating Committee will be chaired by the immediate past-president and the selection of nominees for office by the Nominating Committee will be done in consultation with, and subject to, the approval of the Executive Committee.

The committees shall be composed of the chairperson and any other members in good standing selected by the chairperson. The committees shall aid the President in the operation of Chapter business and activities. The President shall direct them in their duties. They may also be directed by vote of the membership at an annual meeting.

The term of office for members of the Chapter Committees shall end upon the discharge of the duties for which they were appointed, or at the next annual meeting of the Chapter, whichever comes first.

Section 8 - Voting and Quorum

Decisions at meetings of the Chapter shall be by a majority of those voting, except that amendments to the Bylaws require a 2/3 majority, and excepted further, the election of Honorary Members requires a 2/3 majority vote. Any member in good standing who cannot attend a meeting may request the Executive Committee in writing to register a vote on a previously published question and such a vote shall be counted with the votes of members present. Such votes shall not be used to determine a quorum. Proxy votes must be received by the Secretary-Treasurer before the annual meeting at which the vote is taken.

A quorum for the transaction of official business shall be 20 of the Chapter's voting members.

Section 9 - Registration

The Executive Committee may assess each registrant attending meetings of the Chapter a registration fee necessary to cover the costs of the meeting and Chapter activities. Collections shall be made by the Secretary-Treasurer or a representative appointed by that officer.

ANNUAL BUSINESS MEETING, NY CHAPTER, AMERICAN FISHERIES SOCIETY
The Beeches, Rome, NY. Feb. 7, 1986

The meeting was called to order by President Gerald Barnhart at 3:50 P.M.

The minutes of the 1985 Annual Business Meeting, distributed with the May 1985, Newsletter, were approved with no additions or corrections.

Treasurer's Report. Gaylord Rough provided copies of the financial report available for examination. Attention was directed to the major sources of income and the major expenses. Total receipts for 1985, including transfers, were \$10,439.84; total disbursements, including transfers, were \$5,716.59. The checking account balance as of Jan. 31, 1986, was \$251.06. Total assets, including a Certificate of Deposit, a Money Market account, and the Checking Account was \$15,790.00.

Auditor's Report. Andrew Kahnle reported that the Treasurer's records and financial report were found to be in order.

OTHER COMMITTEE REPORTS

Program Committee. Frank Panek indicated that efforts of the committee were reflected in the high quality of the program. President Barnhart commended the committee for an excellent, outstanding Annual Meeting.

1985 Workshop. Chairman Gary Neuderfer reported that the Negotiations workshop was an unqualified success as reflected by the positive responses to the questionnaire. It was also successful financially.

1986 Workshop. Chairman Robert Lange reported that the subject of the 1986 workshop is "Aquatic Safety and Survival." It will be presented by Dr. Robert Smith, a retired Coast Guard Commander. The workshop will be conducted June 23-25 at Cornell University.

Nominating Committee. Lawrence Skinner and Past Presidents Jim Haynes and Joe Gorsuch presented the candidates: for President-Elect, Robert Lange and Gary Neuderfer; for Secretary-Treasurer-Elect, Jim Winter and Jack Hasse. Biographies of the candidates were published in the Dec. Newsletter. Nominations from the floor were invited. There were none, and the nominations were closed. The candidates for President-Elect each presented a brief statement of their thoughts and philosophies regarding the office.

Environmental Concerns. Art Newell indicated that;

1. The results of the Acid Rain questionnaire introduced at the 1985 Annual Meeting were published in the December Newsletter. A resolution has been prepared based on the results.

2. A position paper on the Clean Waters Act was prepared for transmittal to the Congressional Conference Committee. An additional action proposed was a marine blue-fishing trip, perhaps off Orient Point on Long Island, to increase communication and comradery with the downstate marine fisheries

group. Following extensive discussion of logistics and costs, Chmn. Barnhart concluded that more study is required and asked Art to continue the study.

Resolutions. Dieter Busch prepared three resolutions that were published in draft form in the December Newsletter.

1. WHEREAS the Constitution of the American Fisheries Society allows Chapter Presidents to be nonvoting members of the National Executive Committee; and

WHEREAS the Chapter Presidents thereby have an opportunity to express support or concerns for issues meaningful to their Chapters directly to the National Executive committee; and

WHEREAS The National Executive committee has approved changes in the Constitution that will eliminate Chapter Presidents as members of the Executive committee, if the changes are ratified by the membership.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society supports the historic position of having Chapter Presidents as nonvoting members of the National Executive Committee and strongly opposes changes which will hinder the Chapter's direct communications.

In the discussion of the resolution it was pointed out that the New York Chapter has been represented regularly and actively by the Chapter President, and funding for such participation is provided for in the Bylaws. The motion to approve was carried unanimously. D. Busch was directed to draft a letter of transmittal to be signed by incoming President Michael Duttweiler and to be sent to the Executive Director of the Society.

2. WHEREAS improved fishing opportunities for any water body have to be wrested from other competing water resource users; and

WHEREAS one individual who works hard, is dedicated, and intimately knowledgeable in the sciences and administration of fishery management can make a difference; and

WHEREAS the State of New York has benefited from the availability of such a person.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society acclaim its gratitude for the successful work of Mr. William Pearce of the New York Department of Environmental Conservation, formerly in his role as Chief, Great Lakes Section, in revitalizing the Lake Ontario Fishery resources.

The motion to approve the resolution was carried unanimously.

3. WHEREAS the New York Chapter of the American Fisheries Society promotes a healthy and abundant fishery resource within its geographic area and across the nation; and

other units of the Society as follows: The New York Chapter will make an initial challenging contribution of \$500. If ten or more units of the Society make matching contributions of \$500 or more, the NY Chapter will contribute an additional \$500. A motion to approve was made and seconded, and was carried unanimously.

Don Osterberg, SUNY Potsdam, described the proposed Aquarium-Educational Resource Center in the Potsdam-St. Lawrence River area that will include aspects of all of the fresh waters of New York. He felt that endorsement of the project would enhance the process of application for funding. A letter of support by the New York Chapter was therefore requested. Pres. Barnhart commented that the matter is appropriate for consideration and action by the Chapter Executive Committee.

Referring to the previously discussed Skinner Memorial Fund activities, it was suggested from the floor that the winner of the Best Student Paper Competition of the NY Chapter be given support to attend the Annual Meeting of the Society. Pres. Barnhart referred the suggestion to Tom Field for further consideration as a New Initiatives item.

A question was raised concerning the counting of absentee ballots prior to the Annual Business Meeting. In response it was pointed out that it is necessary to certify the ballots as valid, that is, that the ballots are from current members. If this were delayed until the Business Meeting it would complicate the ballot counting process.

In reply it was suggested that the ballot could be placed in a sealed envelope with the name of the sender clearly stated on the outside. Validation could be completed prior to the business meeting and counted with the ballots from the members in attendance. Pres. Barnhart, as Chairman of the Nominating Committee for 1987 will implement the suggestion.

Fred Serchuk, President of the Northeast Division of AFS, was introduced to address the membership. Serchuk commented that the Northeast Division is 35 years old, having been organized in 1952 before there were any chapters in the Society. In his view, of the four current divisions, the Northeast is the "paragon" in terms of accomplishments and achievements. He also acknowledged that the NY Chapter is the most active of those within the Division, both in relation to Division activities and the Society as a whole. He also "went on record" as supporting the NY Chapter resolution to retain membership on the national Executive Committee. He also described his membership recruitment procedures, the forthcoming Annual Meeting of the Division at Hershey, Pa., April 27-30, and the Third Annual special Symposium, "Common Strategies of Anadromous and Catadromous Fisheries" to be held March 13. In addition, the NE Division is hosting the 1986 Annual Meeting of the Society Sept. 14-18. He also urged members to respond to the questionnaire re. participation in Division committees, and the questionnaire concerning the functioning of the Division.

Pres. Gerry Barnhart commented briefly on his presidency and complemented the Chapter committee chairmen and members, and the Chapter officers.

NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY. TREASURER'S REPORT, FISCAL YEAR 1985

	CHECKING ACCOUNT	SAVINGS ACCOUNT	CHAPTER ACCOUNTS CERTIFICATE OF DEPOSIT	MONEY MARKET	TOTALS
Balance as of Jan. 31, 1985	\$ 438.46	\$1,096.64	\$4,736.60	\$4,805.05	\$11,076.75
<u>Receipts and Transfers</u>					
Interest Received		14.29	497.00	399.25	
910.54 1985 Annual Meeting Receipts		1,565.00			
Dues, after Ann. Mtg.	665.00				
Workshop Proceedings	24.00				
1985 Workshop Receipts				6,159.37	
Miscellaneous	5.00				
Transfer				1,110.93	
Subtotal, Receipts	<u>2,259.00</u>	<u>14.29</u>	<u>497.00</u>	<u>6,558.62</u>	<u>9,328.91</u>
<u>Expenses and Transfers</u>					
1985 Annual Meeting Expenses	545.48				
Best Student Paper	50.00				
Past President Cert. (2)	35.50				
Best Paper Certificates	23.75				
Mailing Permit	50.00				
Mailings, Newsletter, etc.	116.52				
Workshop Printing	735.00				
Workshop Training Course				2,169.26	
Workshop Mailings	666.08				
NE Division Mailing Labels	75.82				
Stamps	22.00				
Printing and Supplies	113.45				
Checking Acc't. Serv. Charge	12.80				
Transfers		1,110.93			
Subtotal, Expenses	<u>2,446.40</u>	<u>1,110.93</u>	<u>-0-</u>	<u>2,169.26</u>	<u>4,615.66</u>
BALANCE, Jan. 31, 1986:	\$251.06	-0-	\$5,233.60	\$10,305.34	<u>\$15,790.00</u>

Gaylord E. Rough
Secretary-Treasurer



NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY



MEMBERSHIP DIRECTORY

1986 - 1987

EFFECTIVE APRIL 15, 1986

1986 OFFICERS - NEW YORK CHAPTER

AMERICAN FISHERIES SOCIETY

PRESIDENT

MICHAEL DUTTWEILER

PRESIDENT-ELECT

ROBERT LANGE

SECRETARY-TREASURER

GAYLORD ROUGH

SECRETARY-TREASURER-ELECT

JACK HASSE

Elected at the Annual Meeting of the New York Chapter on February 7, 1986. The Annual Meeting was held at The Beeches Conference Center, Rome, New York, February 7-8, 1986.

1986

EXECUTIVE COMMITTEE AND STANDING COMMITTEE CHAIRPERSONS

Executive Committee

President	Michael Duttweiler
President-Elect	Robert Lange
Secretary-Treasurer	Gaylord Rough
Secretary-Treasurer-Elect	Jack Hasse
Past-President	Gerald Barnhart

Standing Committee

Audit/Finance	Paul McKeown
Environmental Concerns	Arthur Newell
Membership	Robert Lange
Nominating	Gerald Barnhart
Program	Andrew Kahnle
Resolutions	Dieter Busch

Special Committee

New Initiatives	Thomas Field and Gerald Barnhart
Newsletter	Joseph Buttner
Publicity	
Workshop	Robert Lange

MEMBERSHIP LISTING

The names of all members who paid dues for 1985 and/or 1986 through April 15, 1986 are listed alphabetically. The last name appears first on the first line on the left hand side, followed by the first name and initial. Immediately below the name is the member's affiliation; either the member's employer or, for students, the academic institution. An "S" in parentheses indicates that the member is a student. An "*" indicates honorary membership.

The member's home address is given in the second column. If no home address is given the employment or school address is used. In the third column are listed one or two telephone numbers, the number on the first line is the home number and the number on the second line is the business or school number.

In the fourth column a coded number(s) represents the major field of interest of the member. The interpretation of the codes follows:

1. Administration
2. Aquaculture
3. Aquatic biology, ecology (freshwater)
4. Biological controls
5. Benthic organisms
6. Communications (writing, publications, publicity)
7. Exotic species
8. Fish and fishing - general
9. Fish behavior
10. Fish biology - freshwater species
11. Fish biology - marine species
12. Fish biology - estuarine species
13. Fish biology - salmonids and cold-water species
14. Fish biology - warm-water species
15. Fish larvae
16. Fisheries management (population dynamics, habitat improvement, etc.)
17. Genetics
18. Health-medicine, aquatic animals
19. Ichthyology, taxonomy
20. Illustration
21. Impact assessment
22. International fisheries development
23. Legislation and law enforcement
24. Limnology
25. Pesticides
26. Physiology
27. Plankton
28. Pollution
29. Power plants
30. Research
31. Striped bass
32. Sturgeon
33. Toxicology - all phases
34. Water quality - analysis, improvement, etc.
35. Crustaceans
36. Education/Teaching

This directory is for the use of New York Chapter members only and is not to be used for mailing lists, commercial solicitation, etc., without written permission from the Chapter.

Adams, Lynn (S)	ERC-SUNY Fredonia Fredonia, NY 14063	716-672-7757 716-673-3375	3, 10, 33
Aleveras, Ronald LMS Engrs.	82 Cardinal Dr. Washingtonville, NY 10992	914-496-9619 914-735-8300	8, 13, 16, 21
Alford, Thomas E. OCCC	Orange Co. Comm. College Middletown, NY 10940	914-343-1336	3, 17, 36
Angyal, Robert K. NYS DEC	RD 1, Box 422 Stone Ridge, NY 12484	914-687-7821 914-255-5453	8, 13, 14, 16
Arnold, Stephen LMS Engrs.	LMS Engineers One Blue Hill Plaza Pearl River, NY 10965	914-358-8776 914-735-8300	3, 16, 21, 24 28, 29, 30 32, 34
Auld, Andrew Beak Consultants	Seneca St. Interlaken, NY 14847	607-532-9232 716-542-5544	
Barnhart, G.A. NYS DEC	RD 1, Box 142 Schaghticoke, NY 12154	518-692-7349 518-457-5698	13
Bartello, Mark C.	99 Roland St. Buffalo, NY 14212	716-892-5860	16, 38
Bargero, Leslie M. Malc. Pirnie, Inc.	SH Lamplight Village Monroe, NY 10950	914-783-1920 914-694-2100	3, 6, 16, 21
Barth, Richard Cosper Env. Serv.	17 Knight Lane Kings Park, NY 11754	516-265-3687 516-754-4457	2, 33
Batur, Mark Herkimer Co. C.C.	Box 67 Stittville, NY 13469	315-865-8728	3, 10, 16, 19 24, 28, 30
Beebe, C. Allen Texas Instr.	75 St. James St. Kingston, NY 12401	914-338-5684 914-741-4500	3, 10
Beyenbach, Klaus Cornell U.	VRT 826, Sec. Physiology Cornell University Ithaca, NY 14853	607-256-5454	27, 30
Bishop, Daniel NY DEC	4141 South St. Marcellus, NY 13108	315-673-1257 607-753-3095	
Black, Warren USEPA	255 Ziska Ave., Apt. B-7 Jerico, NY 11753	212-264-5170	21
Blake, John W. NYS Power Auth.	23 Cross Ridge Rd. Chappaqua, NY 10514	914-238-5441 212-397-2941	3, 28
Borko, Martin Orange Co. C.C.	Bio. Dept., OCCC Middletown, NY 10940	814-342-1684 914-343-1121	3, 10, 11, 36
Bowser, Paul R. Cornell Vet. Med.	Avian & Aqu. Animal Med. Cornell University Ithaca, NY 14853	607-272-3413 607-256-5454 Ext. 2365	2, 18, 30, 38

Cattarin, Denise SUC-Buffalo (S)	1021 Seneca Crk. Rd. West Seneca, NY 14224	716-674-5298 716-878-6233	2,16,30,37
Chang, Chang-Hwa CUNY-City Col.(S)	84-49, 168 St.,Apt.1-L Jamaica, NY 11432	212-658-6331 212-873-1300	3,10,11,12 13,14,15
Chiotti, Thomas L NYS DEC	83 Morris Road Freeville, NY 13068	607-838-3733 607-753-3095	10,13,16
Chipman, Brian D VA Polytech & SU	Dept.Fish & Wildlife VA Polytech & State Univ. Blacksburg, VA 24061	703-951-1191 703-961-5320	10,16,37
Colesante, Richard NYS DEC	118 Mill St. Constantia, NY 13044	315-623-9475 315-623-7311	2,3,10
Colquhoun, James NYS DEC	56 Paxwood Road Delmar, NY 12054	518-439-1231 518-457-6178	3,18,33,34
Connors,Heather A SUNY-CES (S)	875 Livingston Ave. Syracuse, NY 13210		3,9,10,19 20,30,36
Cook, Scott D. NYS DEC	503 Park Place Painted Post, NY 14870	607-962-6334 607-753-3095	8,13,16
Cooper, Jack G. NYS DEC	6267 E.Avon Lima Rd. Avon, NY 14414	716-226-2567 716-226-2466	3,10,21,24 28
Cooper, Jon	Hudson River Foundation Suite 1901,122 E.42nd.St. New York, NY 10168	914-769-8729 212-949-0028	3,5,8,16 21,24,31
Cosper, Terry Cosper Env.Serv.	P.O.Box 525 Northport, NY 11768		2,33 516-754-4455/6/7
Cormier, Susan U.Louisville	Dept.Biol.,U.Louisville Louisville, KY 40292	812-969-2558 502-588-6772	13,15,25 28,30,34
Coutu, D.James NYS DEC	232 Winslow St. Watertown, NY 13601	315-788-3837 315-785-2250	10
Creech, Cliff NYS DEC	648 Old Stage Road Groton, NY 13073	607-898-3965 607-753-3095	8,10,13
Cull, Catherine Conestoga-Rovers	7 Glenbourne Ct. Williamsville, NY 14221	716-632-9337 519-884-0510	24,34
Culligan, William NYS DEC	510 Peru Road Groton, NY 13073	607-898-3331 607-753-3095	16
Culp, Terry R. Iththyol.Assoc.	P.O.Box 2 Stamford, NY 12167	607-652-3408 607-652-3563	21,29
Daniels, Robert A NYS Museum	NYS Museum, CEC 3132 Albany, NY 12230	518-872-2137 518-474-5800	3,10,19

Engstrom-Heg, Robert	Box 58, HC 64	607-829-8785	3-10, 13, 14
NYS DEC	Oneonta, NY 13820	607-652-7364	16-18, 24, 25, 30
Eustance, William	7 Oakcrest Drive	914-294-5745	2, 3, 10, 14, 16
Eustance & Horowitz	Goshen, NY 10924	914-361-4541	21, 24, 25, 28
Evans, Howard	Dept. Anatomy, CVM, Cornell	607-273-7189	7, 10-14, 18, 19
Cornell U.	Ithaca, NY 14853	607-256-5454	20, 36
Ewell, William	Eastman Kodak, Co, B 306	716-247-3083	2, 3, 15, 18, 23
Eastman Kodak	Rochester, NY 14606	716-588-4528	30, 33, 34
Fairchild, Robert	P.O. Box 475		6, 22, 24, 36
U.S. Army	Ft. Knox, KY 40121		
Festa, Patrick	4 Birchwood Drive	518-371-4566	10
NYS DEC	Clifton Park, NY 12065	518-457-6937	
Field, Thomas C	77 Route 9	518-793-1282	2, 16
Fernwood Hatchery	Gansevoort, NY 12631	518-793-1282	
Finkelstein, Samuel	8 Madeley Lane	516-751-3926	1, 8, 11, 12, 30
NYS DEC	Stony Brook, NY 11790	516-751-7900	31
Flack, Frank M.	432 Wescott St.	315-475-2838	2, 3, 8, 13, 16
NYS DEC	Syracuse, NY 13210	315-337-0910	30
Flick, William *	Paul Smith's, NY 12970	518-327-3529	13, 16
Cornell--Retired		518-327-3534	
Flint, R. Warren	Res. Ctr, King Hall, SUNY	315-343-3773	3, 4, 5, 16, 24
SUC Oswego	Oswego, NY 13126	315-341-3088	35
Foley, Robert	3 Frasier Ave.	518-762-1114	26, 33
NYS DEC	Johnstown, NY 12095	518-773-7318	
Forney, John L. *	R.D. 1	315-633-2948	3, 16
Cornell U.	Bridgeport, NY 13030	315-633-9243	
Fox, Richard	SUNY, Bldg. 40	516-698-3452	11, 16, 20
NYS DEC	Stony Brook, NY 11790	516-721-7900	
Franke, Kevin J.	6504 Doe Rd.	914-246-9078	3, 4, 8, 9, 13, 14
SUNY CESF (S)	Saugerties, NY 12477	315-422-5285	16, 19, 21, 23
Fraser, Douglas	Bio. Dept., Siena College	518-873-2024	9, 10, 14, 30
Siena College	Loudonville, NY 12211	518-873-2467	
Galati, Joseph	93 Lakin Ave.	716-483-1368	9, 16
NYS DEC	Jamestown, NY 14701	716-673-3374	
Gall, Wayne K.	36 St. Mary's St.	716-681-8238	3, 5, 10, 24
Buffalo Mus. of Sci.	Lancaster, NY 14086	716-846-7472	
Garrell, Martin	Adelphi U., Physics Dept.	516-298-5095	16, 24, 28
Adelphi U.	Garden City, NY 11530	516-294-8700	

Haskell, David	P.O.Box 65 Stony Creek, NY 12878	518-696-2608	2,13
Hassan, James CESF-Syracuse (S)	706 Barnes Ave. Syracuse, NY 13207	315-469-8770	13
Hasse, Jack NYS DEC	207 Genesee St. Utica, NY 13501	315-826-7610 315-793-2554	9,16
Haynes, James SUNY Brockport	130 Pine Hill Rd. Spencerport, NY 14559	716-352-9767 716-395-5750	9,13,16,19,21 30,32,36
Heinrich, Thomas NYS DEC	726 Grant Ave. Dunkirk, NY 14048	716-366-8471 716-366-0228	
Hjorth, Douglas C.T.Main Inc.	R.D. 3, Box 54 Pelham, NH 03076	603-635-3227 617-262-3200	3,5,8-12,14- 16,19,27-29
Habicht, Chris. Cornell (S)	26 Spruce Lane Ithaca, NY 14850	607-257-2490	16
Holmes, Edward NYS DEC	High Acres Hemlock, NY 14466	716-346-5761 716-226-2466	16
Holsapple, John NY Power Pool	P.O.Box 146 New Baltimore, NY 12124	518-756-9783 518-381-2122	33,34
Homa, John Jr. Ichthyol.Assoc.	48 Teeter Road Ithaca, NY 14850	607-257-7121 607-272-3778	1,6,16,29
Hopper, Clayton	2552 Four Rod Road East Aurora, NY 14052	716-652-7740	14
Horn, Edward NYS DEC	50 Wolf Rd.,Rm. 530 Albany, NY 12233	518-765-4271 518-457-6178	1,21,33
Huggins, Thomas	284 South Ave. Poughkeepsie, NY 12602	914-229-9048 914-452-2000	3,14,16,19,34
Hughes, Michael CESF-Syracuse (S)	204 Church St. Amsterdam, NY 12010	518-842-5236	3,11-14
Hughes, Steven USF & W/L	28 Gracie Road Cortland, NY 13045	607-272-7915 607-753-9391	2,26,31,37
Hulbert, Philip NYS DEC	R.D. 1, Box 622 E. Meredith, NY 13757	607-278-5490 607-652-7364	
Iancu, Carol CESF Syracuse (S)	604 Park Ave, Apt. 2 Syracuse, NY 13204	315-425-9226	3,10,16,22 26,30
Inman, John P. CESF Syracuse (S)	Slocum Heights, A25-9 Syracuse, NY 13210	315-446-9321	3,8,9,17,27 35
Johnson,Jim & Emily Oregon Dept.F&W/L	4548 SW Fairvale Court Portland, OR 97221	503-245-5426 503-229-5413	1,5,10,15,16

Lassoie, J.P. Cornell U.	Nat.Resources,Cornell U. Ithaca, NY 14853	607-539-7451 607-255-2114	37
LaPan, Steven SUNY CESF	246 Illick Hall,CESF Syracuse, NY 13210	315-468-5624 315-470-6805	30
Leach, James Albany Med.	Pharmacology & Toxicol. Albany Medical College Albany,NY 12208	518-458-8615 518-445-5494	10,25,29,33
Leibovitz,Louis Cornell U.	Marine Animal Health Lab. Marine Biol. Lab. Woods Hole, MA 02543	617-540-8551 617-548-3705	18
Levine, Edward NYC DEP	NYC Dept.Envir.Protect. Ward's Island, NY 10035	212-409-6654 212-860-9340	28,30,34
Lichorat, Robert NYS DEC	Box 236, Rt. 310 Dewittville, NY 14728	716-753-3240 716-789-2705	10,13
Lindberg, Mark Beak Consultants	12072 Main Road Akron, NY 14001	716-542-5544 716-798-1341	2,3,16,21,28 29,33
Litwa, Michael NYS DEC	460 17th. St. W. Babylon, NY 11704	516-957-0983 516-751-7900	2,7-9,11,16 31
Lloyd, Russell Cornell (S)	1871 Hanshaw Rd. Parkwood Village No.4 Ithaca, NY 14850	607-257-5628	16
Locicero, Felix US EPA	21-09A 46 St. Astoria, NY 11105	212-728-5482 212-264-1552	8,16,19,21,23 31,34
Loeb, Howard NYS DEC (Ret'd)	184 Georgetown Ct. Voorheesville, NY 12186	518-765-4935	10
Long, John FWMA Board	Box 37 Niagara Falls, NY 14302	716-731-4002 716-285-7313	1,6,8,16,23
Mack, Alan NYS DEC	65 Miner St. Camden, NY 13316	315-245-3965 315-337-1390	10,13,14,16 17,34
MacNeill, David SUNY ESF (S)	SUNY-ESF,226 Illick Syracuse, NY 13210	315-463-4913	10,15,27
Madon, Sharook SUNY ESF (S)	SUNY-ESF,318 Illick Syracuse, NY 133210		13
Maertz, Maryann Concordia (S)	383 Pipe Stave Hollow Rd. Mt. Sinai, NY 11766	516-928-9664	2,3,11,12,28 30,36
Makarewicz,Joe SUNY Brockport	205 Darla Drive Brockport, NY 14420	716-637-9542 716-395-5747	3,24,27,34
Malchoff, Mark Coop.Extension	Box 199, Murray Rd. Stony Creek, NY 12878	518-696-4233 518-623-3291	36

Moccio, Neil CSH Fish Hatchery	3129 Morgan Dr. Wantagh, NY 11793	516-221-8793 516-692-6768	2,3,9,10,13 14-19,25,33
Mooradian, Stephen NYS DEC	104 Park St. Olean, NY 14760	716-373-2494 716-372-8676	3,8,13,14 16
Myers, Julian	17 Elm Place Lancaster, NY 14086	716-683-1479	2,10,16,34 36
Myers, Robert Soil Cons.Serv.	RD 2, New Boston Rd. Chittenango, NY 13037	315-687-9432 315-423-5494	2,16
Nasemann, Alan R.	702 S. Beech St. Syracuse, NY 133210	315-471-4376	3,5,10,16,24 34,36,37
Nemecek, Russell	H-4 Spruce Tree Circle Liverpool, NY 13090	315-652-5501 315-652-5501	3,10-14,16,21 24,28,29,34
Neth, Paul NYS DEC	R.D. 5, Juniper Drive Ballston Spa, NY 12020	518-885-7792 518-457-5698	1,13,14,16
Nettles, David	116 Woodruff St. Watertown, NY 13601	315-782-5670 607-256-2151	3,13
Neuderfer, Gary NYS DEC	45 Norman Rd. Rochester, NY 14623	716-424-4926 716-226-2466	3,5,10,13,14 28,33,34
Newell, Arthur NYS DEC	R.D. 1, Box 71 Westerlo, NY 12193	518-797-1769 518-457-1769	3,33,34
O'Gorman, Robert USFWS	161 West 8th St. Oswego, NY 13126	315-343-2351 315-393-3951	16
O'Grady, Dean Water Testing Lab.	8 Willowbrook La., Apt.3 Manilus, NY 13104	315-682-8039	3
Olney, Louis Morrisville A.T.	Rocks Road, Box 152A Morrisville, NY 13408	315-684-3448 315-684-6237	2,9,10,13,14 16,19,34,37
Osterberg, Donald SUNY Potsdam	20 Grove St. Potsdam, NY 13676	315-265-8971 315-267-2261	3,10,30,36
Otis, Maurice NYS DEC	P.O.Box 243 Saranac Lake, NY 12983	518-891-1009 518-891-1370	1,8,16
Padilla, Miguel Fordham Law (S)	15 Marble Hill Ave. Bronx, NY 10463	212-562-5394	7,8,12,23,31
Pane, Joseph NYS DEC	2265 Westchester Ave. Bronx, NY 10462	212-488-2758	11,12
Panek, Frank NYS DEC	17 Fern Road Rocky Point, NY 11778	516-821-0357 518-457-5691	1,16
Pappantoniou, Anton. H.H.Lehman Col.	Bio.Sci., Lehman College Bronx, NY 10468	212-796-1660 212-960-8240	3,10,19

Rough, Gaylord Alfred U.	88 S. Main St. Alfred, NY 14802	607-587-9161 607-871-2205	3, 10
Russell, Michael Pennzoil	PO Box 293, E. State Rd. Seneca, PA 16346	814-676-5981	2, 16, 24
Saeli, Mary Niagara Mohawk	Niagara Mohawk Power Co. 300 Erie Blvd. Syracuse, NY 13202	315-428-3101 315-636-8410	3, 21, 29, 33
Sanford, D.Kay	Route 10 Stamford, NY 12167	607-278-5868 607-652-7364	
Sarbello, William NYS DEC	933 Pine Hill Dr. East Schenectady, NY 12303	518-457-6179	1, 21
Schachte, John NYS DEC	706 Floyd Ave. Rome, NY 13440	315-339-2518 315-337-0910	18
Schiavone, Albert NYS DEC	317 Washington St. Watertown, NY 13601	315-658-2652 315-755-2266	10, 14, 16
Schleyer, Richard ESLO Derby, Inc.	P.O.Box 23746 Rochester, NY 14623	716-385-4864 716-272-0130	7, 9, 10, 13 17, 21, 22
Schmidt, Robert Simon's Rock Col.	S.R.College, Alford Rd. Grt.Barrington, MA 01230	518-325-7265 413-528-0771	3, 15, 19, 30
Schoch, William NYS DEC	14 E.Pine St. Saranac Lake, NY 12983	518-891-1837 518-891-1370	16, 21
Schofield, Carl Cornell U	Fernow Hall, Cornell U Ithaca, NY 14853	607-272-9476 607-256-7061	3, 16, 34
Schoonmaker, Gary Niagara Mohawk	300 Erie Blvd. W. Syracuse, NY 13202	315-673-4652 315-428-6619	10, 13, 14, 21
Seeley, George NYS DEC	RD 2, Box 224 Delanson, NY 12053	518-895-8009 518-457-5430	1, 2, 3, 8, 16
Serio, James Blade Tackle Co.	481 S. Beech St. Syracuse, NY 13210	315-476-9806 315-475-3474	8, 10, 24
Setari, Christine NYS DEC	52 Red.Maple Road Ridge, NY 11961	516-924-0422 516-751-7900	2, 3, 4, 7, 9, 12 15, 18, 36
Sheppard, J.Doug. NYS DEC	3 Birchwood Drive Clifton Park, NY 12065	518-371-1355 518-457-6179	3, 9-16, 19, 21 30, 34
Sherman, Ruth Cornell (S)	CFU, Fernow Hall, Cornell Ithaca, NY 14850	607-257-3767 607-256-2151	3, 33, 34
Shupp, Bruce D NYS DEC	278 Pine St. Chestertown, NY 12817	518-494-3850 518-457-5420	1, 10, 16

Stang, Douglas L. NYS DEC	21 S. Putt Corners Rd. New Paltz, NY 12561	914-255-9303 914-255-5453	12, 16, 30, 31
Stillman, Loretta CUNY-AMNH (S)	101 Perry St. New York, NY 10014	212-242-1486 914-255-5453	3, 19
Storonsky, Michael Acres Amer., Inc.	6 Tolland Bore E. Aurora, NY 14052	716-655-1545 716-853-7525	3, 10, 12, 21, 28 29, 34
Storr, John SUNY Buffalo	Bio.Dept., SUNY Buffalo Buffalo, NY 14260	716-633-8479 716-636-2968	3, 9, 24, 29, 30
Strait, Lawrence NYS DEC	7 Landover Lane Lake Placid, NY 12946	518-523-9073 518-891-1370	10
Sugatt, Richard Enviro Systems, Inc.	One Lafayette Road Hampton Falls, NY 03844	603-926-3345	18, 33
Surprenant, Leslie NYS DEC	6067 Johnston Slingerlands, NY 12159	518-869-1166 518-457-6179	29
Sutter, Thomas D. NYS DEC	15 Slingerlands St. Slingerlands, NY 12159	518-439-9097 518-439-8057	1, 2, 7, 16
Taormina, Anthony	108 Glenwood Lane Port Jefferson, NY 11777	516-473-1869	36
Trapani, Jude SUNY-ESF (S)	336 Winding Ridge Syracuse, NY 13210	315-478-5308 716-342-0599	3, 8, 13, 21, 24 28, 34
Tuttle, L. Raymond NYS E&G	Sterry Drive, RD 1 Box 281, Greene, NY 13778	607-656-8702 607-729-2551	10, 29, 33, 34
Unger, Philip SUNY-ESF	100 Oswego St. Baldwinsville, NY 13027	315-638-9225 315-470-9225	3, 10, 27
Urban, Timothy SUNY-ESF (S)	25 Sherwood Ave. Webster, NY 14580	716-872-4946 315-472-8937	3, 9-14
Vaas, C. Randy NYS DEC	RD 3, Box 274C, Fralick Rd. Watertown, NY 13601	315-788-7725 315-785-2246	33, 34
Valente, Ray. M. Casper Env. Serv.	Box 525 Northport, NY 11768	516-752-8640 516-754-4456	2, 3, 28, 29, 31 33, 34
VanVolkenburgh, Pieter NYS DEC	SUNY, Bldg. 40 Stony Brook, NY 11794	516-567-1738 516-751-7900	1, 2, 5, 11, 16
Vernale, Cindy SUC Buffalo (S)	160 Koster Row Egbertsville, NY 14226	716-836-6713 716-878-6410	3, 5, 10, 11, 29
Waldman, John R. Hudson R. Found.	84-08 126 St. Kew Gardens, NY 11415	718-849-2933 212-949-0028	6, 8, 19, 31
Webster, Dwight Cornell U.	Fernow Hall, Cornell U. Ithaca, NY 14853	315-369-3122 607-256-6578	10, 13, 16

BYLAWS OF THE NEW YORK CHAPTER OF THE AMERICAN FISHERIES SOCIETY

Section 1 - Name and Objectives

1. The name of this organization shall be the New York Chapter of the American Fisheries Society, hereinafter referred to as the Chapter.

2. The objectives of the Chapter shall be those of the American Fisheries Society as set forth in Article 1 of its Constitution, and to encourage the exchange of information by members of the Society residing within the State of New York.

Section 2 - Membership and Dues

1. The membership of the Chapter shall be of the following classes:

(a) Member: Active Members of the American Fisheries Society in good standing, upon enrollment in the Chapter, shall be eligible to vote.

(b) Honorary Member: Persons who, by reason of professional or other attainments, outstanding service to the Chapter, or official position, shall be eligible for election as an Honorary Member upon nomination by two or more Chapter Members in good standing, and a 2/3 vote of the members present at an annual meeting. There shall be two classes of honorary membership:

(1) Distinguished Service and (2) Exofficio. Honorary Members shall be entitled to all rights and privileges of Members, except that Exofficio Members shall not vote or hold office.

2. Annual dues for Members shall be five dollars (\$5.00), except that dues for full-time students shall be two dollars (\$2.00). Honorary Members will not be required to pay dues. Dues of new members shall be payable when application for membership is accepted. Memberships not paid on or before July 1 shall be considered lapsed and those persons shall not receive publications of the Chapter and shall forfeit all rights and privileges of membership as long as dues are unpaid.

Section 3 - Meetings

The Chapter shall hold at least one meeting annually at the time and place designated by the Executive Committee. Notice of the annual meeting of the Chapter shall be mailed to each member at least one month before the date of such meeting. Business shall be conducted in accordance with provisions of these Bylaws, and/or Robert's Rules of Order in the absence of specific guidelines. The program shall be the responsibility of the Program Committee.

Section 6 - Executive Committee

The Executive Committee shall consist of the Chapter officers (President, President-Elect, Secretary-Treasurer, Secretary-Treasurer-Elect) and the immediate Past-President. The Chairpersons of standing committees and ad hoc committees shall be non-voting members of the Executive Committee. The Executive Committee is authorized to act for the Chapter between meetings and to perform appropriate duties and functions.

Section 7 - Chapter Committees

Chairpersons of Committees, except as listed in Sections 5 and 6, shall be appointed by the President. Committee members shall be chosen by the respective committee chairpersons. Standing Committees shall include: Auditing, Environmental Concerns, Membership, Nominating, Program, and Resolutions. The Nominating Committee will be chaired by the immediate past-president and the selection of nominees for office by the Nominating Committee will be done in consultation with, and subject to, the approval of the Executive Committee.

The committees shall be composed of the chairperson and any other members in good standing selected by the chairperson. The committees shall aid the President in the operation of Chapter business and activities. The President shall direct them in their duties. They may also be directed by vote of the membership at an annual meeting.

The term of office for members of the Chapter Committees shall end upon the discharge of the duties for which they were appointed, or at the next annual meeting of the Chapter, whichever comes first.

Section 8 - Voting and Quorum

Decisions at meetings of the Chapter shall be by a majority of those voting, except that amendments to the Bylaws require a 2/3 majority, and excepted further, the election of Honorary Members requires a 2/3 majority vote. Any member in good standing who cannot attend a meeting may request the Executive Committee in writing to register a vote on a previously published question and such a vote shall be counted with the votes of members present. Such votes shall not be used to determine a quorum. Proxy votes must be received by the Secretary-Treasurer before the annual meeting at which the vote is taken.

A quorum for the transaction of official business shall be 20 of the Chapter's voting members.

Section 9 - Registration

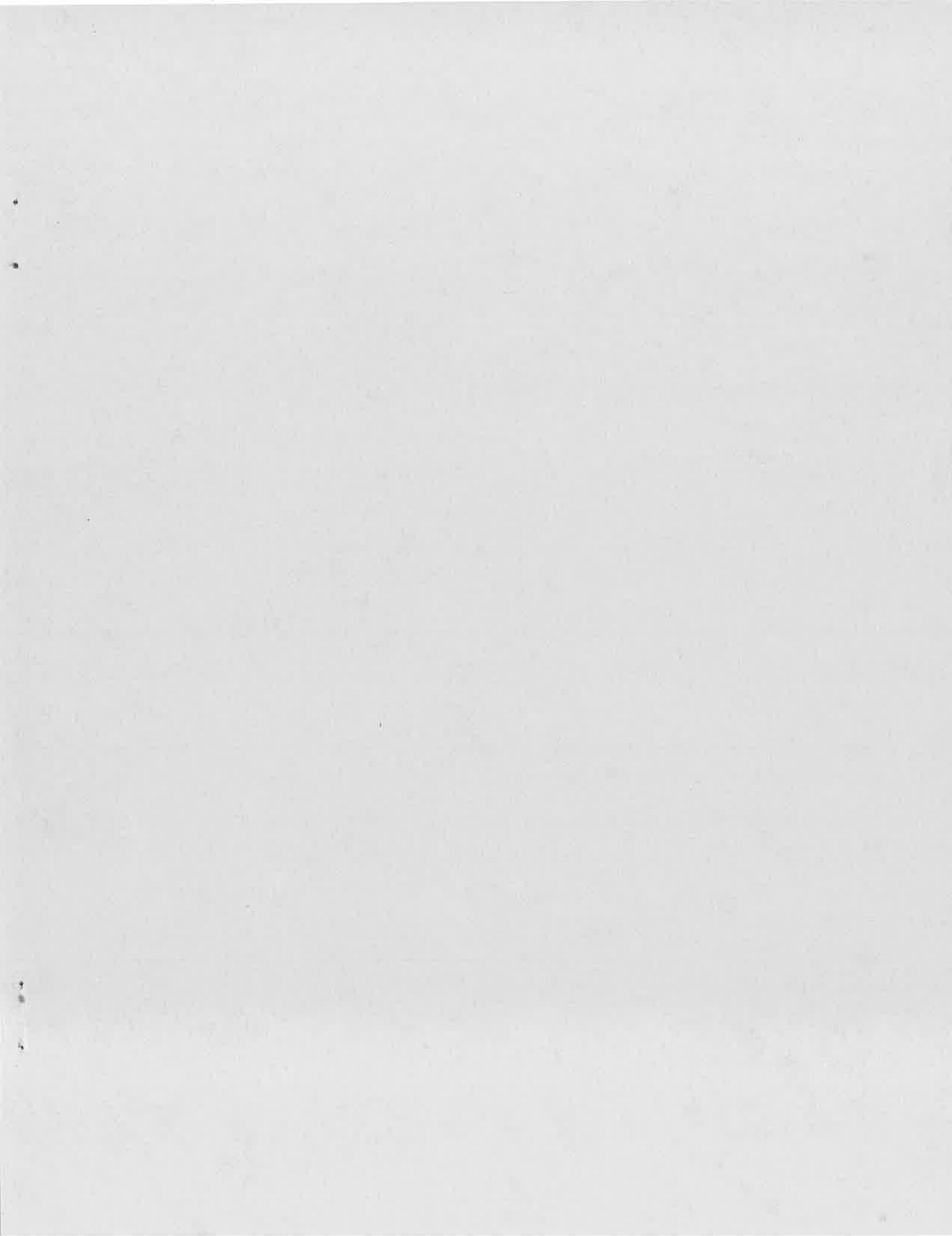
The Executive Committee may assess each registrant attending meetings of the Chapter a registration fee necessary to cover the costs of the meeting and Chapter activities. Collections shall be made by the Secretary-Treasurer or a representative appointed by that officer.

DIRECTORY ADDENDUM NO. 1. ADDITIONS, CORRECTIONS. 8/10/86

Bao, Isaac Y. Bard College	P.O.Box 237 S. Egremont, MA 01258	518-325-5374 413-528-0771	2,17,26,37
Bell, Charles NYS-DEC	85 Whiteface Inn Rd. Lake Placid, NY 12946	518-523-4479 518-891-2758	1,13,16,21 29,34,37
Brown, Russell Adirondac League	Little Moose Lodge Old Forge, NY 13420		8,12,13,14
Buchanan, Gary A. Inter'l.Tech.Corp.	622 Inman Ave.,Apt.1 Colonia, NJ 07067	201-396-3496 201-225-2000	3,5,10,12 24,31
Cadrin, Stephen X. Cosper Env.Serv.	Cosper.Env.Serv.,Box 525 Northport, NY 11768	516-331-9824 516-754-4456	2,11
Castaneda, Raoul NYS-DEC	115 Araca Road Babylon, NY 11702	516-661-3782 516-751-7900	16
Chipman, Brian D. Vt.Dept.F&WL	149 West St. Essex Junction, VT 05452	802-879-6563	10,16,37
Cornelius,Floyd NYS-DEC	11945 Hanford Rd. Silver Creek, NY 14136	716-934-4025 716-366-0228	
Duckwell, George NYS-DEC	NYS Salmon R. Hatchery Altmar, NY 13302	315-298-4046 315-298-5051	1,2,18,17 34
Farouhar, James F. NYS-DEC	207 Genesee St. Utica, NY 13502	315-826-7147 315-	10
Fox, Richard E. NYS-DEC	NYS-DEC,SUNY,Bldg.40 Stony Brook, NY 11794	516-744-1385 516-751-7900	11,16,20
Hughes, Steven Tunnison Lab.USFWS	3075 Gracie Road Cortland, NY 13045	607-756-9819 607-753-9391	1,7,26,37
Mancroni, Wayne C.Hudson G&E	C.Hudson G&E, 234 S.Ave Poughkeepsie, NY 12601	914-255-5481 914-486-5734	9,21,29 30
Matousek, John A. L.M.S. Engrs.	2 June Road Chester, NY 10918	914-469-9536 914-735-8300	21,29
McGroarty, W.M. NYS-DEC	NYS-DEC,Bldg.40,SUNY Stony Brook, NY 11794	516-727-8834 516-751-7900	6,11,16
Nettles, David C.	1 Johnson Road Saranac Lake, NY 12983		3,13
O'Boyle, Robert J. Eastman Kodak	HAEL/ETS,B-306,Kodak Pk. Rochester, NY 14650	716-467-4087 716-588-2151	33
Quance, Carl B. NYS-DEC	21 S. Putt Corners Rd. New Paltz, NY 12561-1696	914-338-6850 914-255-5453	28,33,34
Young, Kevin Acres Int'l.	Acres Int'l.,Suite 1000 Liberty Bldg,424 Main St. Buffalo, NY 14202	416-382-2981 716-853-7525	3,21,29
Ziolkowski, Bud SUNY-CESF (S)	5827 Thompson Road Dewitt, NY 13214	315-446-2041	3,6,15

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NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY

NEWSLETTER

March 1986

NATIONAL NEWS

Wallup-Breaux allocation may be greater than expected. The figure first reported to the Treasury was \$137,687,981, an increase of \$100,000,000 over the Dingell Johnson fund last year.

On the Medical Front evidence is growing that fish oil in the diet can help prevent hardening of the arteries, and therefore an early departure via a heart attack or other cardiovascular disease. It has been recognized for sometime that red meat is high in saturated fats and cholesterol, especially the undesirable low density lipid type. Fish (and vegetable) oils are unsaturated and low in cholesterol, dominated by the high density lipid type (good for you).

Recent evidence indicates that fish oils also have an additional, unique chemical that makes blood platelets (used to form clots, those ugly scabs acquired when you mishandle a bullhead) less sticky and stimulates production of clot inhibiting chemicals by cells that line the inside of the arteries. Additionally, fish oil appears to lower blood pressure and reduce levels of triglycerides in the blood (both can contribute to cardiovascular disease).

Among the best sources of fish oil are salmon, mackerel, bluefish, herring and menhaden. Shellfish also have "good fish oils" and recent medical evidence has determined that an error in the measurement method incorrectly led food chemists to identify a different, but harmless, substance as cholesterol. (It's nice to know that you can safely eat all the shrimp you can afford!)

The active chemical that promotes many of these desirable actions (EPA) eicosapentaenic acid, is not produced by fish, but rather bioaccumulated up the food chain from the plankton. Should additional research confirm the positive attributes of EPA, then culture of planktonic organisms high in the chemical may be the most practical method to develop an economic and reliable supply of EPA.

Source: Dr. Alexander Leaf, Harvard School of Medicine.

An economical oxygen generator (\$0.28/100ft³ O₂) is being marketed by Aqualife Technologies, Inc. The system removes nitrogen from atmospheric air; the outflow air is 95% oxygen. Although the technology has existed and been employed in hospitals for some time, it was first applied to fisheries management/culture by Harry Westers and his associates with the Michigan Department of Natural

AFS division and section membership as of October 1985 was as follows:

Section Membership	
Total Section Membership:	4,850
Fish Culture:	975
Fish Health:	469
Fisheries Administrators:	177
Education:	268
Water Quality:	519
Early Life History:	360
Marine Fisheries:	477
Introduced Fish:	191
Fisheries Management:	1,008
Bio-Engineering:	263
Fisheries Economics:	136
Computer User Section:	7

Division Membership	
North Central:	1,522
Northeastern:	1,043
Southern:	1,741
Western:	2,447

AFS members are retiring at a younger age. One recent 59 year-old retiree has indicated that the 60 age limit for AFS retired membership should be dropped or it may force early retirees to leave the society.

Slides of freshwater and marine fishes are needed by AFS. If you want to contribute slides of North American fish contact Don Fleisch, National Marine Fisheries Service, Woodshole, MA 02453 (617-548-5123).

WHY DO PEOPLE FISH

The analytical approach; adapted from a Ph.D. dissertation in 1985 by Stephen Holland, Department of Recreation and Parks, Texas A & M University, College Station, Texas.

Using a socio-psychological methodology known as "policy-capturing", Steve quantified the proportional contribution of six aspects of recreational fishing. The aspects were: (1) being free to do what you want during the trip; (2) feeling alert and exhilarated and not bored; (3) catching fish; (4) having a good quality experience in an unpolluted natural surrounding; (5) being able to relax; and (6) being able to think about yourself and past trips. Limited information on the importance of being with friends, eating the catch and manipulating and testing fishing equipment was also collected.

their natural toxins (12 identified to date) are accumulated and concentrated in the clams. When humans consume tainted clams they develop PSP symptoms that include dizziness, shortness of breath, nausea and loss of sensation in the extremities; the neurotoxin can cause paralysis of respiratory muscle and death. More than 500 people are believed to have died in the past decade from PSP.

G. tamarensis is widely distributed in Long Island, but usually patchy and short lived. Planktonic cells appear in March and May attain a maximum abundance of 100,000 cells in May/June. Fortunately, G. tamarensis on Long Island are less toxic than their more northern brethren, and no PSP toxin has been found in any shellfish analyzed to date.

For more information contact your local Sea Grant Extension Agent on the New York Sea Grant Institute, 37 Elk Street, Albany, New York 12207 518-436-0701.

Source: W. Wise, Coastlines 16:1.

Commercial fishermen in 1983 received \$38,117,348 for a total reported landed weight of 37,690,015 pounds (\$1.01/lb); the nearshore catch was dominated by hard clams and bay scallops; the off-shore catch was mainly finfish. Approximately 6500 people are employed in commercial fishing; the vast majority (5000) are involved in the nearshore fisheries, many are part timers. The State of New York has recognized the importance of its commercial fisheries and is providing opportunities for fleet and facility expansion. Mariculture is also identified by the State of New York as a mean of increasing aquatic production. Allocation of near-shore waters in a manner that promotes aquatic production and is acceptable to both commercial and aquaculture interests is a high priority.

Source: J. Scotti, Coastlines 16:1

Infectious Hematopoietic Necrosis Virus (IHNV) is a viral disease of salmonids presently found along the Pacific Coast but not in the midwest or New York. The NYSDEC (and counter parts in other states) want to keep it this way. Hatchery operators are encouraged to use only eggs obtained from NYS or other sources within the Great Lakes basin. Supplemental fish health management materials are being developed and should be available by late 1986 or early 1987. For more information contact: NYSDEC, Fish Disease Control Unit, 8314 Fish Hatchery Road, Rome, NY 13440 315-337-0910.

(Note, in July 1985 California completed rewriting their state's aquatic disease regulations. Included in the revised regulations are provisions for fish inspection and disease examination (in accordance with the AFS blue book), communication between pathologist and fish owner, treatment and if necessary disposal of diseased fish, restrictions on importation of fish and regulations on academics/researchers working with fish diseases. Section 245 of the Fish and Game Administrative Code is available from Aquaculture Extension, University of California, Davis, CA 95611, Newsletter Dec. 1985).

order to promote good relations between upstate freshwater biologists, and the downstate marine (predominantly) biologists, and, incidentally, to have a good time. A boat will be chartered out of Montauk to go bluefishing from early morning to mid-afternoon. It will be necessary for the upstate people to travel down the day before and stay overnight in a motel. The charter captain needs a guarantee of 50 people, cost per person would be about \$40 for the fishing trip, gear and tip for the mates. The motel will probably cost \$25-30 per person, assuming double occupancy.

A poll of the membership is now necessary to determine interest level, tentative dates and mode of transportation. Mailing in the form at the end of this article will signify your interest in attending. By 'interest', you are confident that you will attend and sometime in the next few months you will make full payment. We need reasonably firm commitments at this time because the chapter will be making a \$250-300 deposit to reserve the boat. At this time we are limiting attendance to members or prospective members.

Regarding the 'when', the poll below provides the choice of chartering the boat on 28 or 29 September 1986. Fishing on the 28th means leaving upstate NY on 27 September, (a Saturday) with the advantage of completing the whole trip on a weekend. Fishing on the 29th means leaving upstate NY on 28 September with a couple advantages: 1) Monday is a light fishing day and we can be assured of getting the boat, and 2) traveling back from Montauk on a Monday afternoon will be much easier than on Sunday. Sunday afternoon traffic with all the weekenders returning to the BIG APPLE can be horrendous.

Regarding the transportation question: Should upstaters charter a bus from some central point or should we car pool from various locations around the state and all meet at the motel the night before? Chartering a bus from Albany to Montauk will cost \$30-50/person. Car pooling will cost considerably less, but will involve navigating the treacherous streets downstate and will forego the Matt's keg that will undoubtedly companion the bus trip!

-8-

POLL

Date of charter:

___ 28 September (entails overnight in Montauk on 27 September)

___ 29 September (entails overnight in Montauk on 28 September)

Mode of Transportation:

___ Car pool

___ Chartered Bus

NAME _____

ADDRESS _____

PHONE NUMBER _____

After the poll is completed a follow-up Newsletter or mailing will firm up the trip and request payment.

Please return poll to:

Art Newell
RD 1 Box 71
Westerlo, NY 12193

A technical session in aquaculture is being developed for the 1987 Annual Meeting of the New York Chapter AFS. This first time occurrence will include both invited and submitted papers; from marine and freshwater aquaculturists. Those interested in assisting in the development of an aquaculture session may contact Dr. Paul Bowser, Department of Avian and Aquatic Animal Medicine, Cornell University, Ithaca, NY 14852, 607-253-3365; Dr. John Schacte, New York State Department of Environmental Conservation, Rome Fish Hatchery, 8314 Fish Hatchery Road, Rome, NY, 315-337-0910; or Dr. Joe Buttner, Department of Biological Science, SUNY Brockport, Brockport, NY 14420, 716-395-5750.

Interest in informal mini-sessions has been expressed for next year's annual meeting where individuals with common interests could meet for 1-2 hours and discuss the status of special interest topics in NYS. Three areas have been identified; aquaculture, job workshop and microcomputers. I would greatly appreciate a response from the membership on the desirability of such sessions and suggestions for other topics.

NORTHEASTERN DIVISION ANNUAL MEETING

Fisheries professionals in Pennsylvania have developed an excellent program for the 28-30 April annual meeting of the Northeastern Division AFS. Many of the 100 papers scheduled for presentation deal with culture and management of cool and cold water fishes. Since the meeting is located at Hershey, PA (approximately 250 miles south of Ithaca), it is a golden opportunity that should be capitalized on by fisheries people in NYS.

Pennsylvania has a superb group of fisheries personnel, they have become increasingly active and productive over the last several years. We, in New York State, share many common interests, goals and problems (i.e. management of fisheries in Lake Erie, promotion of cool water and anadromous fisheries). A joint annual meeting at Cornell University (NY), Mansfield University (PA), or the National Fisheries Research and Development Laboratory at Wellsboro (PA) might be mutually beneficial. Comments from the membership on the desirability of a joint meeting would be appreciated. (Joint meetings are common and effective in the North Central Division, they allow for the rapid exchange of good ideas and stimulate innovative ways to investigate problems. This year the Illinois, Michigan and Indiana Chapters met jointly in Chicago on 4-6 March. The meeting emphasized common interest areas including Great Lakes management, warmwater streams, fish culture and Lake-reservoir fisheries.)

AQUACULTURE UPDATE

The final version of the New York State Aquaculture Development Plan has been submitted by the New York Sea Grant Institute to the NYS Legislature. The plan summarizes the status of aquaculture in NYS and identifies priority areas where assistance is needed. If approved by the Legislature, the plan will catapult NYS into a select rank of states (i.e. Hawaii, California, Texas, Florida) that have developed their own plans. Undoubtedly, the plan will be a

ships, eligibility, duration/compensation.

To order, send \$8.95 (postage and handling included on prepaid orders) to:

Summer Opportunities
White Pond Press
38 Litchfield Road
Londonderry, NY 03053

POSITIONS

Intermediate and senior level fisheries biologists with instream flow and stream rehabilitation experience; advance degree preferred. Contact Beak Consultants Incorporated, Department M, 317 S.W. Alder, 8th Floor, Portland, Oregon 97204.

Several internships with the Division of Lands and Forests are available for summer semester 1986. Contact Karyan B. Richards, New York State Department of Environmental Conservation, So. Wolf Road, Albany, NY 12233 (518-457 7431).

Summer jobs in estuarine and environmental sciences; emphasis is on supervised research. Duration, 1 June - 23 August, at \$140/week. Contact Director, Summer Program, Box 775, Cambridge, MD 21613 (301-228-8200).

Postdoctoral position in fisheries or biological oceanography to study tropical and subtropical fisheries ecosystems or quantitative stock arrangement techniques. One year appointment extendable to two years; \$26,000-29,000. Contact Dr. William W. Fox Jr., Professor and Director, Cooperative Institute of Marine and Atmospheric Studies, RSMAS/University of Miami, 4600 Rickenbacker Causeway, Miami, Florida 33149 (305-361-4185).

TIDBITS

Lake Erie produces more fish for human consumption than all the other Great Lakes combined.

Source; Great Lakes Leader Vol. 1:2

Michigan Sea Grant has developed brochures about the Great Lakes Basin (E-1865) and each of the Great Lakes (Lake Superior, E-1866; Lake Michigan E-1867; Lake Huron E-1868; Lake Erie, E-1869; and Lake Ontario, E-1870). The brochures are very well written and quite informative. Copies may be obtained from MSU Bulletin Office, Michigan State University, P.O. Box 231, East Lansing, MI 48823.

Source: Great Lakes Leader Vol. 1:2.

14-18 September 1986 - The 116th Annual Meeting of AFS. Providence, RI.
Contact Carl Sullivan, Executive Director, AFS, 5410 Grosvenor Lane,
Bethesda, MD 20814 (301-877-8616).

group. Following extensive discussion of logistics and costs, Chmn. Barnhart concluded that more study is required and asked Art to continue the study.

Resolutions. Dieter Busch prepared three resolutions that were published in draft form in the December Newsletter.

1. WHEREAS the Constitution of the American Fisheries Society allows Chapter Presidents to be nonvoting members of the National Executive Committee; and

WHEREAS the Chapter Presidents thereby have an opportunity to express support or concerns for issues meaningful to their Chapters directly to the National Executive committee; and

WHEREAS The National Executive committee has approved changes in the Constitution that will eliminate Chapter Presidents as members of the Executive committee, if the changes are ratified by the membership.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society supports the historic position of having Chapter Presidents as nonvoting members of the National Executive Committee and strongly opposes changes which will hinder the Chapter's direct communications.

In the discussion of the resolution it was pointed out that the New York Chapter has been represented regularly and actively by the Chapter President, and funding for such participation is provided for in the Bylaws. The motion to approve was carried unanimously. D. Busch was directed to draft a letter of transmittal to be signed by incoming President Michael Duttweiler and to be sent to the Executive Director of the Society.

2. WHEREAS improved fishing opportunities for any water body have to be wrested from other competing water resource users; and

WHEREAS one individual who works hard, is dedicated, and intimately knowledgeable in the sciences and administration of fishery management can make a difference; and

WHEREAS the State of New York has benefited from the availability of such a person.

THEREFORE, BE IT RESOLVED that the New York Chapter of the American Fisheries Society acclaim its gratitude for the successful work of Mr. William Pearce of the New York Department of Environmental Conservation, formerly in his role as Chief, Great Lakes Section, in revitalizing the Lake Ontario Fishery resources.

The motion to approve the resolution was carried unanimously.

3. WHEREAS the New York Chapter of the American Fisheries Society promotes a healthy and abundant fishery resource within its geographic area and across the nation; and

other units of the Society as follows: The New York Chapter will make an initial challenging contribution of \$500. If ten or more units of the Society make matching contributions of \$500 or more, the NY Chapter will contribute an additional \$500. A motion to approve was made and seconded, and was carried unanimously.

Don Osterberg, SUNY Potsdam, described the proposed Aquarium-Educational Resource Center in the Potsdam-St. Lawrence River area that will include aspects of all of the fresh waters of New York. He felt that endorsement of the project would enhance the process of application for funding. A letter of support by the New York Chapter was therefore requested. Pres. Barnhart commented that the matter is appropriate for consideration and action by the Chapter Executive Committee.

Referring to the previously discussed Skinner Memorial Fund activities, it was suggested from the floor that the winner of the Best Student Paper Competition of the NY Chapter be given support to attend the Annual Meeting of the Society. Pres. Barnhart referred the suggestion to Tom Field for further consideration as a New Initiatives item.

A question was raised concerning the counting of absentee ballots prior to the Annual Business Meeting. In response it was pointed out that it is necessary to certify the ballots as valid, that is, that the ballots are from current members. If this were delayed until the Business Meeting it would complicate the ballot counting process.

In reply it was suggested that the ballot could be placed in a sealed envelope with the name of the sender clearly stated on the outside. Validation could be completed prior to the business meeting and counted with the ballots from the members in attendance. Pres. Barnhart, as Chairman of the Nominating Committee for 1987 will implement the suggestion.

Fred Serchuk, President of the Northeast Division of AFS, was introduced to address the membership. Serchuk commented that the Northeast Division is 35 years old, having been organized in 1952 before there were any chapters in the Society. In his view, of the four current divisions, the Northeast is the "paragon" in terms of accomplishments and achievements. He also acknowledged that the NY Chapter is the most active of those within the Division, both in relation to Division activities and the Society as a whole. He also "went on record" as supporting the NY Chapter resolution to retain membership on the national Executive Committee. He also described his membership recruitment procedures, the forthcoming Annual Meeting of the Division at Hershey, Pa., April 27-30, and the Third Annual special Symposium, "Common Strategies of Anadromous and Catadromous Fisheries" to be held March 13. In addition, the NE Division is hosting the 1986 Annual Meeting of the Society Sept. 14-18. He also urged members to respond to the questionnaire re. participation in Division committees, and the questionnaire concerning the functioning of the Division.

Pres. Gerry Barnhart commented briefly on his presidency and complemented the Chapter committee chairmen and members, and the Chapter officers.

NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY. TREASURER'S REPORT, FISCAL YEAR 1985

	CHECKING ACCOUNT	SAVINGS ACCOUNT	CHAPTER ACCOUNTS CERTIFICATE OF DEPOSIT	MONEY MARKET	TOTALS
Balance as of Jan. 31, 1985	\$ 438.46	\$1,096.64	\$4,736.60	\$4,805.05	\$11,076.75
<u>Receipts and Transfers</u>					
Interest Received		14.29	497.00	399.25	
910.54 1985 Annual Meeting Receipts		1,565.00			
Dues, after Ann. Mtg.	665.00				
Workshop Proceedings	24.00				
1985 Workshop Receipts				6,159.37	
Miscellaneous	5.00				
Transfer				1,110.93	
Subtotal, Receipts	<u>2,259.00</u>	<u>14.29</u>	<u>497.00</u>	<u>6,558.62</u>	<u>9,328.91</u>
<u>Expenses and Transfers</u>					
1985 Annual Meeting Expenses	545.48				
Best Student Paper	50.00				
Past President Cert. (2)	35.50				
Best Paper Certificates	23.75				
Mailing Permit	50.00				
Mailings, Newsletter, etc.	116.52				
Workshop Printing	735.00				
Workshop Training Course				2,169.26	
Workshop Mailings	666.08				
NE Division Mailing Labels	75.82				
Stamps	22.00				
Printing and Supplies	113.45				
Checking Acc't. Serv. Charge	12.80				
Transfers		1,110.93			
Subtotal, Expenses	<u>2,446.40</u>	<u>1,110.93</u>	<u>-0-</u>	<u>2,169.26</u>	<u>4,615.66</u>
BALANCE, Jan. 31, 1986:	\$251.06	-0-	\$5,233.60	\$10,305.34	<u>\$15,790.00</u>

Gaylord E. Rough
Secretary-Treasurer

RENEW YOUR N.Y. CHAPTER AFS MEMBERSHIP

Application for Membership New York Chapter of the American Fisheries Society (Information provided will be used in the annual membership directory)

Applicant's name: _____
 Mailing address: _____

 Employer or school: _____
 Specialization (s) or Interest: _____

☐ Regular \$5.00 ☐ Student \$2.00*

*Student members must be endorsed by a faculty member signing above.

Telephone _____ home
 area code and number
 _____ business

☐ Check here if you wish to receive information about national AFS membership.

**Please indicate area(s) of interest by numerical code from list below.

Make check payable to NY Chapter-AFS and mail with this application to address on this form.

PLEASE SEND YOUR 1986 DUES TO:

G. ROUGH, BOX 456, ALFRED, N.Y. 14802

NY-AFS MEMBER: PLEASE NOTE THE NUMBER ON THE LOWER-LEFT CORNER OF YOUR MAILING LABEL. IF IT IS "86" YOUR DUES FOR 1986 HAVE BEEN PAID, ACCORDING TO MY RECORDS. IF IT IS "85" YOUR LAST DUES PAYMENT WAS FOR 1985. IF IT IS "0" YOUR LAST DUES PAYMENT WAS PRIOR TO 1985, YOU MAY USE THE ENCLOSED FORM FOR YOUR RENEWAL. IF YOUR MEMBERSHIP IS CURRENT USE THE FORM TO RECRUIT A NEW MEMBER. G. ROUGH, SEC.

Specialization or Interest

1. Administration
2. Aquaculture
3. Aquatic biology, ecology (freshwater)
4. Biological controls
5. Benthic organisms
6. Communications (writing, publishing, publicity)
7. Exotic species
8. Fish and fishing—general
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11. Fish biology—marine species
12. Fish biology—estuarine species
13. Fish biology—salmonids and cold-water species
14. Fish biology—warm-water species
15. Fish larvae
16. Fisheries management (population dynamics, habitat improvement, etc.)

17. Genetics
18. Health—medicine, aquatic animals
19. Ichthyology, taxonomy
20. Illustrations
21. Impact assessment
22. International fisheries development
23. Legislation and law enforcement
24. Limnology
25. Pesticides
26. Physiology
27. Plankton
28. Pollution
29. Power plants
30. Research
31. Striped bass
32. Sturgeon
33. Toxicology—all phases
34. Water quality—analysis, improvement, etc.

35. Crustaceans
36. Education/Teaching
37. _____
38. _____

Mail Application to:

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 Box 456
 Alfred NY 14802

DIRECTORY ADDENDUM NO. 1. ADDITIONS, CORRECTIONS. 8/10/86

Bao, Isaac Y. Bard College	P.O.Box 237 S. Egremont, MA 01258	518-325-5374 413-528-0771	2,17,26,37
Bell, Charles NYS-DEC	85 Whiteface Inn Rd. Lake Placid, NY 12946	518-523-4479 518-891-2758	1,13,16,21 29,34,37
Brown, Russell Adirondac League	Little Moose Lodge Old Forge, NY 13420		8,12,13,14
Buchanan, Gary A. Inter'l.Tech.Corp.	622 Inman Ave.,Apt.1 Colonia, NJ 07067	201-396-3496 201-225-2000	3,5,10,12 24,31
Cadrin, Stephen X. Cosper Env.Serv.	Cosper.Env.Serv.,Box 525 Northport, NY 11768	516-331-9824 516-754-4456	2,11
Castaneda, Raoul NYS-DEC	115 Araca Road Babylon, NY 11702	516-661-3782 516-751-7900	16
Chipman, Brian D. Vt.Dept.F&WL	149 West St. Essex Junction, VT 05452	802-879-6563	10,16,37
Cornelius,Floyd NYS-DEC	11945 Hanford Rd. Silver Creek, NY 14136	716-934-4025 716-366-0228	
Duckwell, George NYS-DEC	NYS Salmon R. Hatchery Altmar, NY 13302	315-298-4046 315-298-5051	1,2,18,17 34
Farouhar, James F. NYS-DEC	207 Genesee St. Utica, NY 13502	315-826-7147 315-	10
Fox, Richard E. NYS-DEC	NYS-DEC,SUNY,Bldg.40 Stony Brook, NY 11794	516-744-1385 516-751-7900	11,16,20
Hughes, Steven Tunnison Lab.USFWS	3075 Gracie Road Cortland, NY 13045	607-756-9819 607-753-9391	1,7,26,37
Mancroni, Wayne C.Hudson G&E	C.Hudson G&E, 234 S.Ave Poughkeepsie, NY 12601	914-255-5481 914-486-5734	9,21,29 30
Matousek, John A. L.M.S. Engrs.	2 June Road Chester, NY 10918	914-469-9536 914-735-8300	21,29
McGroarty, W.M. NYS-DEC	NYS-DEC,Bldg.40,SUNY Stony Brook, NY 11794	516-727-8834 516-751-7900	6,11,16
Nettles, David C.	1 Johnson Road Saranac Lake, NY 12983		3,13
O'Boyle, Robert J. Eastman Kodak	HAEL/ETS,B-306,Kodak Pk. Rochester, NY 14650	716-467-4087 716-588-2151	33
Quance, Carl B. NYS-DEC	21 S. Putt Corners Rd. New Paltz, NY 12561-1696	914-338-6850 914-255-5453	28,33,34
Young, Kevin Acres Int'l.	Acres Int'l.,Suite 1000 Liberty Bldg,424 Main St. Buffalo, NY 14202	416-382-2981 716-853-7525	3,21,29
Ziolkowski, Bud SUNY-CESF (S)	5827 Thompson Road Dewitt, NY 13214	315-446-2041	3,6,15



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

July 1986

President

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Cooperative Extension
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Department of Biology
Alfred University
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Newsletter Editor

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Department of Biological
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SUNY Brockport
Brockport, NY 14420

NEW YORK NEWS

New York Sea Grant will move to Stony Brook. At their May meeting, the Directors of the New York Sea Grant Institute decided to continue the search for a permanent Sea Grant Director. Professor Bruce T. Wilkins, Associate Sea Grant Director, was named Acting Sea Grant Director. The Board also recommended that the Institute's offices be moved to SUNY at Stony Brook, the location of SUNY's Marine Sciences Research Center. An important factor in that decision was the view that a campus location will help attract an excellent permanent Sea Grant Director.

While the move will hinge on appointment of a Director, it is expected that Sea Grant offices will shift to Stony Brook by the end of 1986.

The economic impact of the salmonid fisheries to New York State is considerable. A study conducted in the greater Pulaski area in 1984 estimated anglers spent \$10.9 million in pursuit of trout and salmon. Adding the secondary economic impacts as employees and employers spend the money, the full economic impact of the sport fisheries on the greater Pulaski area was estimated at \$17.2 million in 1984. (Note, a substantial beneficial economic effect has also occurred in Orleans, Monroe and Niagara counties as motels, restaurants, marinas and charter services have sprouted in towns along the southern shore of Lake Ontario. Some of these hamlets were near ghost towns; the successful and lucrative salmonid fisheries has put them on the map and in the black!)

Source: In part, Charter Industry Trade News March/April.

On 6 May 1986 Henry G. Williams (Environmental Conservation Commissioner) took action to prohibit the sale and possession of all striped bass in New York State. The action was taken in response to findings that striped bass are contaminated with PCB's in excess of Federal Food and Drug Administration Tolerance levels of 2 ppm and the need to reduce harvest of threatened striped bass stocks.

The ban on possession of striped bass will affect recreational, as well as commercial fishermen. Recreational anglers who catch striped base will be required to return the fish to the water.

Wildlife," to aid in the financial support of fish and wildlife programs. The program has generated over \$5 million in donations since 1982. The monies are ear-marked by law to be used solely for projects that benefit fish and wildlife. High priority projects that benefit a diversity of species and public interests and are of relatively short duration with accomplishments visible to the public are preferred. Applications are now being accepted for projects to be funded during the 1987-88 fiscal year. The majority of applications for the program have traditionally originated from the "upstate" regions. However, proposals throughout the state are welcomed. The state-wide coordinator of this program is Patricia Riexinger, 50 Wolf Road, Albany, NY 12233.

In an attempt to gain federal Superfund monies to remove PCB-contaminated sediments from the upper Hudson River, the Environmental Protection Agency and the state Department of Environmental Conservation will produce a supplementary environmental impact statement (EIS). The EIS will examine possible sites for disposal of dredged PCB-contaminated sediments. It will also evaluate the effects of leaving the sediments where they are. Some parties have suggested that dredging and relocating the wastes could be more dangerous than doing nothing. For more information, contact Barbara Pastalove, EPA Region 2, (212) 264-8556, or Bruce Bentley, NYSDEC, (518) 457-0849.

The implications of impending federal action to New York are substantial as half of New York State's 400 landfills threaten ground water through leaching, officials report. With 5.6 million people in the state dependent upon ground water for its drinking supply, New York is setting new controls against contamination by landfills. "A dry year has reminded New York and its neighboring states that protection of water resources is critical," said Gov. Mario Cuomo as he prepared "to act swiftly and decisively."

Source: January 1986 BioCycle.

AFS NATIONAL NEWS

AFS is 89th oldest on the list of tens of thousands of American nonprofit organizations. In a recently published list of the 100 oldest associations, we come behind the American Medical Association (33rd), the American Veterinary Medical Association (65th), the American Dental Association (61st), the American Entomological Society (62nd), and the Philadelphia Academy of Natural Sciences (11th). The Carpenter's Company of Philadelphia, formed in 1724 is America's oldest non-profit, still active group.

The first AFS Meritorious Service Award has been presented to Dr. Robert F. Hutton (formerly of the National Marine Fisheries Service).

Since the mid 1970's, when AFS became increasingly involved in political aspects of environmental issues, several resolutions have been adopted. A list of resolutions adopted between 1975 and 1985 follows:

1975 On September 12, 1975, at the Annual Business Meeting of the American Fisheries Society in Las Vegas, Nevada, the following eight resolutions were adopted:

Resolution-Anadromous Fish Conservation Act
Resolution-Fish Habitat Management Policy

1980 On September 23, 1980, at the Annual Business Meeting of the American Fisheries Society in Louisville, Kentucky, the following five resolutions were adopted:

- Resolution - Professional Resource Administrators
- Resolution - Consolidation of U.S. Fishery Management Authority
- Resolution - Year of the Coast (1980)
- Resolution - Appreciation to Kentucky
- Resolution - Management of Native American Treaty Fisheries

1981 On September 16, 1981, at the Annual Business Meeting of the American Fisheries Society in Albuquerque, New Mexico, the following seven resolutions were adopted:

- Resolution - Fund the National Aquaculture Act
- Resolution - Budget Support for the Cooperative Research Unit Program
- Resolution - Fishery Impacts of Low-Head Hydroelectric Dams
- Resolution - Control of Acid Precipitation
- Resolution - Opposition to Non-Managed Withdrawals of Ground Water
- Resolution - Streamline and Shorten Federal Review Processes for Implementation of Regional Fishery Management Plans
- Resolution - Appreciation to the Hosts of the 111th Annual Meeting of the American Fisheries Society

1982 On September 23, 1982, at the Annual Business meeting of the American Fisheries Society in Hilton Head, South Carolina, the following two resolutions were adopted:

- Resolution - International Negotiations on Acid Precipitation
- Resolution - Appreciation to South Carolina

1983 On August 17, 1983, at the Annual Business meeting of the American Fisheries Society in Milwaukee, Wisconsin, the following six resolutions were adopted:

- Resolution - Maintenance of Wetlands by the Clean Water Act
- Resolution - Small Hydroelectric Facilities
- Resolution - Maintenance of the Cooperative Research Unit Program
- Resolution - Maintenance of the National Fish Hatchery System
- Resolution - National Fishing Week
- Resolution - Appreciation to the Hosts of the 113th Annual Meeting of the American Fisheries Society

1984 On August 14, 1984, at the Annual Business Meeting of the American Fisheries Society in Ithaca, New York, the following two resolutions were adopted:

- Resolution - Coastal Fishery Habitat Programs
- Resolution - Appreciation to State of New York and Cornell University

1985 On September 11, 1985, at the Annual Business Meeting of the American Fisheries Society in Sun Valley, Idaho, the following three resolutions

\$2.0 million to promote provisions in Subtitle L of the Farm Bill. The Bill will establish four regional aquaculture centers in the United States to promote aquaculture resources in each region. At this time it is uncertain whether regional centers will be identified by the Congress (as part of the bill) or by the U.S. Department of Agriculture after appropriations have been allocated. In addition to funds allocated for development of regional aquaculture centers, Louisiana State University, Mississippi State University and the University of Hawaii will receive approximately \$750,000 for special programs.

Institutions of higher education in New York, particularly the SUNY system and Cornell University have long supported aquaculture and can contribute much to the development of aquaculture in the northeast. They should be actively involved from initial stages. The Bill is currently being reviewed by the Senate Appropriations Committee.

A happy postscript has been added to the story of Suffolk County's "Clam Club." One of its teenaged members has decided to pursue mariculture as a career. Mr. Donald Tremel, a high school student from Commack, has decided to go into the field of mariculture professionally. Mr. Tremel was one of the original 15 members of the Club, formed in 1983. He plans to attend either the University of Miami or Southampton College, because both schools offer excellent undergraduate programs in marine sciences.

The Club's original purpose was to involve youngsters in the mariculture of hardshell clams. The Clam Club project was so successful that, today, it involves 60 students, who grow not only clams but also blue mussels. Its value to the local economy has been recognized and the Urban Development Corporation has funded a graduate student to act as a liason between researchers at Stony Brook and the teenagers. We wish continued success to Robert Kent, the Suffolk County Cooperative Extension Agent who helped organize the club and has guided it from inception.

Source in part: New York Sea Grant Notice, June 1986, p. 6.

In June 1986 an Aquaculture Club was organized with the guidance of Monroe County 4-H, New York Sea Grant Extension, officials from the Town of Greece and researchers from SUNY Brockport. Several meetings were held to define the purpose of the project, schedule of activities, and daily/weekly efforts; the format was modified from one developed and used in Missouri (Bassett and Dillard 1985). Youth in the club will help design and conduct the study; they will set up the system, obtain the fish, stock the cages, maintain the fish and harvest/market the fish. The fish will be cultured in cages suspended in Braddock Bay using techniques developed by researchers at SUNY Brockport.

An interesting aquaculture meeting, Acuiculture '86, is scheduled for 29 September - 5 October 1986 at Atlapa, Panama. The meeting is designed for the nontechnical person. Up to 5,000 people are expected to attend the meeting that will emphasize shrimp culture, including one entire day devoted to brine shrimp. For individuals interested in shrimp culture or states of aquaculture in Latin America, the meeting will be very beneficial. (For more information contact Karl D. Matsumoto, P.O. Box 53424, New Orleans, Louisiana 70153).

coordinates participation by EPA and other agencies in the IJC activities for the Great Lakes agreement.

For additional information on the specific methods of program implementation and the program schedule, contact the Great Lakes National Program Office, U.S. Environmental Protection Agency, 536 South Clark Street, Chicago, Ill. 60604.

(A Five Year Program Strategy for the Great Lakes National Program Office of the U.S. EPA, June 1985).

An improved water quality model that reportedly permits more accurate simulation of nitrogen, phosphorus, dissolved oxygen, and other conventional pollutants in surface water has been developed by the Environmental Protection Agency. The model, called QUAL2E, is intended for use as a water quality planning tool. For example, it can be used to study the impact of waste loads on stream water quality.

Copies of the Computer Program Documentation for the Enhanced Stream Water Quality Model QUAL2E (EPA/600/3-85/065) are available, while supplies last, from ORD Publications, Center for Environmental Research Information, USEPA, Cincinnati, Ohio 45268.

Source: Chemical Manufacturers Association, April 1986.

The House of Representatives recently approved comprehensive ocean dumping legislation. The bill, approved unanimously by the House, includes a number of key provisions designed to strengthen the Ocean Dumping Act and to strictly limit ocean dumping in the future. In addition to closing the 12-mile site by the end of 1987, the legislation requires the Environmental Protection Agency to develop a comprehensive plan to improve the water quality in the New York/New Jersey coastal area. The bill also prohibits ocean dumping where suitable land-based alternatives are available.

Source: January 1986 Biocycle World.

The administration "strongly opposes" the House acid rain bill, and Rep. John Dingell (D.-Mich.), who heads the full committee, has also expressed displeasure with the bill. The bill has sufficient support to get it out of the subcommittee, but the economic impact, particularly on the coal industry and its cost (up to \$9.2 billion/yr) are powerful inhibitors. Also opposing the bill is the Energy Secretary; while the National Clean Air Coalition supports the bill.

Source: Clean Water Report, May 6, 1986.

A significant rise in sea level (1 ft.) is expected in the next 30 to 40 years. The rise will drive much of the Atlantic and Gulf shoreline inward by a hundred feet and some of it by more than a thousand feet, with environmental and economic consequences being felt much farther inland, according to marine geologists. Water will destroy buildings and roads, escalate flood problems many miles inland, pollute community wells with saltwater and drown coastal marshes vital to fish and birds, while wiping out recreational beaches.

RELIEVE SEASICKNESS WITH A FINGER

There's an effective "new" "self-health" remedy for seasickness -- one that works almost instantly, and uses no drugs or medications. Only your fingertip. It's called G-Jo. Actually G-Jo is thousands of years old -- makes it no less effective than Western science's latest "miracle" cures for mal de mer.

G-Jo is a kind of acupuncture, but without the needles. You use finger stimulation -- nothing else -- to perform "acupressure." It takes only seconds to do and, if you find the right "control" point(s), G-Jo works almost instantly to relieve nausea, vomiting and other symptoms of seasickness.

G-Jo is a simple, three-set process:

Step one: find the right G-Jo acupressure point (see illustration that follows). To do this, simply look at the accompanying illustrations and, with the tip of your thumb or bent knuckle of your index finger deeply probe the appropriate area on your own arm, leg or body. You're looking for a tender "ouch point"-- keep probing...

Step two: "trigger" the G-Jo acupressure point. This is done in a deep (up to 20 lbs. of fingertip pressure), digging or goading kind of massage/stimulation. Do this for up to four minutes (though usually ten or 15 seconds is enough to bring immediate relief). You should feel yourself become warm -- even break out in a flush of perspiration or feel suddenly lightheaded -- if you do G-Jo properly. These are perfectly normal "acupressure reactions" which let you know you found a good acupressure point for relief.

Step three: duplicate G-Jo on the opposite side of the body (if applicable). Most G-Jo points are found in identical spots on opposite sides of the body, though one side will usually be more tender than the other. Find that point by again deeply probing...then trigger it deeply...and see how you feel. You should feel total or nearly complete relief by the time you've finished triggering the second point.

If you feel little or no relief, it usually means you've found no point, at all, or that it was the wrong point for your kind of seasickness (each body reacts somewhat differently to all others). In that case, try the next point, and if that doesn't work, then the next. But stop when you find the point that brings relief. If your symptoms return, just trigger the best points again. You should get increasing spans of "relief time."

A free chart that explains more about G-Jo and some of its other many firstaid and self-health applications is available by sending a business-sized SASE to: The G-Jo Institute, P.O. Box 8060, Hollywood, FL 33024.

Source: Charter Industry Trade News. March/April.

(Note, your editor has not had the unfortunate opportunity to try out this technique so I cannot vouch for its effectiveness. However, as one who has spent time examining the side of the boat during rough seas, the technique does deserve a try.)

Japan used approximately 20 metric tons of brine shrimp in 1985.

Source: Artemia Newsletter, 2 (June 1986).

The Atlantic Alliance for Maritime Heritage Conservation announces the publication of its first journal, SEAFARERS. SEAFARERS will be published in a coffee table format with full color photographic plates and be available either hard bound (\$25) or softbound (\$15). Discounts are available for members of the Atlantic Alliance for Maritime Heritage Conservation. For more information contact: Seafarers, Rt. 4, Box 904, Summerland Key, FL 33042 (305) 872-9603.

CAREER CORNER

A survey on the placement of fisheries graduates is being conducted by the AFS Education Section through member Ira Adelman of the University of Minnesota. The survey form was mailed to 150 colleges and universities and asked such questions as, "Does your institution grant a named degree in fisheries or aquaculture?"; "As a part of your fisheries or aquaculture degree requirement do you require all courses necessary to meet AFS certification requirements?"; and "What success have you had with the placement of graduates?" If the survey is successful, AFS may join with The Wildlife Society in conducting future surveys on a biannual basis.

The Education Committee of the AFS will sponsor a Career Opportunity Center from 15-17 September 1986 at the 116th annual meeting of the society in Providence, RI. Information and pamphlets from state, federal and private employers will be available. The center may be used for interviewing potential employees. Job seekers should send a resume to the COC Chairman; Dr. Boyd Kynard, Chair ES/COC, Massachusetts Cooperative Fishery Research Unit, Holdsworth Hall, University of Massachusetts, Amherst, MA 01003 (413-545-0398).

Mr. Peter Bovard (Box 123, Woodland Valley Rd., Phoenicia, NY 12464) and Mr. David Blaasch (R.D.#1, Box 358, Nichols, NY 13812) have recently contacted New York Chapter AFS for assistance in obtaining fisheries related employment. Prospective employers should contact these gentlemen directly.

NEW LITERATURE

Diel variation in body carotenoid content and feeding activity in marine zooplankton assemblages by G.S. Kleppel, L. Willbanks, and R.E. Pieper. USC Sea Grant Program, Institute for Marine and Coastal Studies, University of Southern California, University Park, Los Angeles, CA 90089 (\$1.00).

Interactions of bacterivorous grazers and heterotrophic bacteria with dissolved organic matter by G.T. Taylor, R. Iturriaga and C.W. Sullivan, USC and Coastal Studies, University of Southern California, University Park, Los Angeles, CA 90089 (\$1.00)

The Paddlefish: Stature, Management and Propagation will be available shortly as a special publication of the North Central Division, AFS. For more information contact Joe Dillard, 1110 College Avenue, Columbia, MO. 65201 (\$9.00)

3-4 December 1986 - Acid Rain: The Relationship Between Sources and Receptors.
Sheraton National Hotel, Arlington, VA. Contact Bill Wagner, 33
South Washington Street, Rochester, NY 14608 (716) 546-3796.

If you have any questions or would like to contribute an article for the
Newsletter contact:

Joe Buttner
Newsletter Editor
Department of Biological Sciences
SUNY Brockport
Brockport, NY 14420
(716) 395-5750

or

Leslie Kusek
Assistant Newsletter Editor
5H Lamplight Village
Monroe, NY 10950
(914) 783-1920

Since this Newsletter went to press there have been two developments that
I would like to share with the membership.

- 1). The Central Pennsylvania Chapter of AFS is sponsoring a workshop (24-
26 September) on the Lake Erie Fisheries. The boys from PA are a good
group and I'm certain that the workshop will be well coordinated and
informative. Specifics on the meeting can be obtained from Ron Hughey,
200 Pine St., Williamsport, PA 17701.
- 2). This is the last Newsletter before the National AFS Meeting and I would
like to wish all participants in the Spawning Run an enjoyable 5K. In
1984, at Cornell, New York captured the laurels; let's have a repeat
performance this year!! Good Luck!

RENEW YOUR N.Y. CHAPTER AFS MEMBERSHIP

Application for Membership New York Chapter of the American Fisheries Society (Information provided will be used in the annual membership directory)

Applicant's name: _____
Mailing address: _____
Employer or school: _____
Specialization (s) or interest: _____

☐ Regular \$5.00 ☐ Student \$2.00 *

*Student members must be endorsed by a faculty member signing above.

☐ Check here if you wish to receive information about national AFS membership.

Telephone _____ home
area code and number
_____ business

**Please indicate area(s) of interest by numerical code from list below.

Make check payable to NY Chapter-AFS and mail with this application to address on this form.

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13. Fish biology—salmonids and cold-water species
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17. Genetics
18. Health—medicine, aquatic animals
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22. International fisheries development
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25. Pesticides
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27. Plankton
28. Pollution
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30. Research
31. Striped bass
32. Sturgeon
33. Toxicology—all phases
34. Water quality—analysis, improvement, etc.

35. Crustaceans
36. Education/Teaching
37. _____
38. _____

Mail Application to:

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NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

OCTOBER 1986

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NEW YORK NEWS

Annual Meeting

Annual Meetings of the New York Chapter of the American Fisheries Society have become a traditional forum for New York's fisheries professionals to exchange information and share ideas. Meeting topics are always timely and thought provoking, and the quality of technical presentations improves each year.

The 1987 meeting promises more of the same. In addition to sessions on rivers, effects of fish contaminants on human health, freshwater and marine fisheries (finfish and shellfish), and fish culture, a poster session and a mini-session on microcomputers have been added. Many of these sessions are more thoroughly described later in newsletter. Abstracts for both oral and poster presentations will be printed and distributed at the meeting. As in past years, we will be judging presentations for best paper and best student paper. Results of judging and pictures of winners will be submitted to "Fisheries" in February.

The meeting is scheduled for 29-31 January at the Beeches/Paul Revere Lodge in Rome, NY. The whole package for the 2 days will be \$82.85 for double occupancy and \$100.75 for single occupancy (triple occupancy is \$75.45 and quadruple occupancy is \$67.15). The price includes lodging, meal tickets and social hour. After hour entertainment and beverages are extra, and left to the creativity and desires of the attendees.

Abstracts should be completed using the attached form (last page of Newsletter) and sent to

Andrew Kahnle
N.Y.S. Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, NY 12561

New York Briefs

The Annual Chapter Workshop was held on 24 - 25, July 1986 at Cornell University in Ithaca. The 80 participants received instruction on "Aquatic Safety and Survival" in topics such as hypothermia, survival techniques and equipment, first aid and CPR. Each participant was also able to choose two small group classes from among topics such as boat safety, search and rescue, electro-fishing safety, and chemical handling safety.

One of the most popular aspects of the program was a pool practice session supervised by the principal speaker, Dr. David Smith. This session enabled participants to practice in-water survival techniques and try out various types of personal flotation devices.

Reaction to the workshop among participants was unanimously positive. Most came away with a strong sense that they were much better prepared to survive an aquatic emergency than they had ever been. For many, it was the first time they had ever thought seriously about the possibility of facing a life-threatening situation on the water.

Dr. Smith conducted a similar workshop for the South Dakota Department of Game, Fish and Parks during the Summer of 1986. Shortly thereafter, he received a letter from the Safety Coordinator of that agency, from which the following is excerpted:

"About a week ago, 6 of our guys were pulling a gill net. . . under high wind conditions. The net fouled the prop, killing the engine. The boat took a wave over the stern and the stern went under. The bow caught the wind and the boat flipped, coming down upside down. All 6 men were wearing PFD's and stayed with the boat until they were rescued. Several of the men who had been to your training said that the training helped keep them from panicking. Staying together helped, too. A year ago, these 6 guys probably would not have been wearing PFD's --and several were nonswimmers."

To our knowledge, no one who attended the New York Chapter Aquatic Safety and Survival Workshop has had to put their training to the test--yet. What happened in South Dakota can happen in New York. Fortunately, at least 80 fisheries and aquatic science workers in and near New York are now trained to deal with that type of emergency.

Source: Robert Lange, NYSDEC

The NYSDEC recently announced that Bob Lange (president elect of the NY Chapter - AFS) and Gerry Barnhart (past president of the NY Chapter AFS) have been promoted. Gerry Barnhart, formerly head of the Great Lakes Section in the Bureau of Fisheries, was appointed Assistant Director for the Division of Fish and Wildlife. Bob Lange, formerly at the Lake Erie station in Dunkirk, will assume the role of Great Lakes Section Head in the Bureau of Fisheries. Both individuals are quite competent and energetic fisheries scientists; they will provide the guidance essential for the continued health and growth of fisheries in New York. Congratulations and best wishes to both Mike and Bob!

NATIONAL NEWS

AFS Annual Meeting

The 116th Annual Meeting of AFS was held 14-18 September 1986 in Providence, RI. It featured the largest, most comprehensive technical program ever and probably attracted the largest attendance in the history of the Society. Official records indicate that 912 persons participated in the meeting. Many in attendance voiced support for publishing the entire annual meeting program in "Fisheries". (The Executive Committee voted to continue the practice in the future).

AFS distinguished Service Awards, for exemplary service to the Society were presented to Carl Burger, Steve Rideout, Don Chase, John Harville, Roy Stein and John Ney. The 1986 AFS Award of Excellence was bestowed upon Dr. William Beverley Scott for his contributions to Fisheries Science and aquatic biology. Golden Membership Certificates were awarded to fifty-year members: Reeve Bailey, William C. Beckman, C.R. Gutermuth, Willis King, Charles M. Lloyd, Alfred Perlmutter, and Dwight A. Webster.

A scholarship fund for a woman Ph. D. Fisheries Science student was initiated. The scholarship was named after Dr. J. Frances Allen, who remains active in AFS. The Executive Committee unanimously approved that all proceeds from the 1987 annual meeting raffle be directed to the new fund.

A Fish Genetics Section was approved by AFS members at Providence, RI. For more information contact David Phillip (a leader in isozyme analyses for many years), 172 Natural Resource Building, 607 E. Peabody Drive, Champaign, IL 61820.

Although the 1986 Annual AFS meeting only recently slipped into history, work has already initiated on the 1987 meeting in Winston-Salem, NC on 13-17 September. The major theme for the 1987 meeting is "Managing Tomorrow's Fisheries." For more information contact Program Chairman Dr. Bill Taylor, Department of Fisheries, Michigan State University, 13 Natural Resource Building, East Lansing, MI 48824 (517) 355-4447. For the real "early birds", the 1988 Annual AFS Meeting will be held at the Royal York Hotel in Toronto, ON, on 9-16 September. Program Chairman is Rudy Roser (202-637-3722). The hotel will offer unlimited space, and rooms for as low as \$25/day! (Toronto is a very lovely city with many cultural attractions, including an aquaculture exhibit currently on display at the Ontario Science Centre. I encourage all members of the New York Chapter AFS to attend the meeting).

AFS Briefs

The first AFS Meritorious Service Award was presented to Dr. Robert F. Hutton for his years of service to AFS and Fisheries. The award was authorized by unanimous vote of the AFS Executive Committee. The award itself is a handsome rolled bronze plaque mounted on a walnut board.

The best paper published in the 1985 volume of AFS Transactions was "Risk Analysis for Fish Diversion Experiments: Pumped Intake Systems" by Dr. R. Ian

Guidelines for the uses of fishes in field research are being prepared by a committee of the American Society of Ichthyologists and Herpetologists with involvement newly requested from AFS. The guidelines were requested jointly by the National Science Foundation and the National Institute of Health, with the request apparently being stimulated by actions of "animal kindness organizations." Preliminary information suggests the desire to develop federal government fish collection standards and guidelines which would be adhered to whenever governmental funding is involved. (The guidelines could eventually impact fisheries scientists in many ways such as in sampling of natural fish stocks, extensive/intensive culture of fish and use of fish in scientific studies).

General News

Charter boat operations contribute significantly to local economies. A Michigan Sea Grant study indicates that the average charterboat customer spends about \$93 per day in the local coastal area for items and services not related to the charterboat business. This includes: lodging, meals, groceries, entertainment and fuel. The average charterboat party (4.6 persons) generates about \$427 per day in local revenue. The typical Michigan charterboat generates \$23,000 per year in local direct spending which would not have occurred if there were no charterboats.

Charterboat fees and operation costs (frequently spent locally for fuel, dockage, meals, etc.) are in addition to these figures. The study makes a very significant point, "...charterboats generate far more dollars in coastal communities for other tourism related businesses than they take in for themselves."

Source: Charter Industry Trade News July/August 1986

Amendments to the Safe Drinking Water Act (SDWA), passed overwhelmingly by the Congress in May 1986 and signed by President Reagan on June 19, 1986, are the first important pieces of environmental legislation to be passed since the 99th Congress began more than 17 months ago. The result is a strengthening of the Act by requiring standards for specific contaminants and creating a national program to protect underground aquifers from pollutants.

The new Amendments authorize \$164.4 million for drinking water programs through 1991 and require the U.S. Environmental Protection Agency (EPA) to force community water suppliers to sample water for a greater number of contaminants. Currently, monitoring is required for only those substances for which the EPA has established Maximum Contaminant Levels (MCLs).

Source: Water Engineering and Management, August 1986.

The EPA, in a move vigorously opposed by states, may require states to develop water-quality standards for specific toxic pollutants. Since 1984, it has been working toward a toxics control strategy whereby states would integrate numeric limits for well-known toxic pollutants in waterways with standards for total effluent toxicity. State authorities are urging that they be allowed to enforce federal regulations through their existing programs, thereby preventing disruption of effective programs.

Markson Science (7815 S. 46th St., Phoenix AZ 85040 800-528-511) offers ion test strips for water quality determinations. Tests are available for peroxide, chromate, sulfite nitrate, formaldehyde, water hardness and chlorine. To conduct a test, the strip is dipped into the water and the resultant color is compared with a chart on the vial.

Congratulations and best wishes to Dr. Bill Young and his associates at Cornell University and Inlent Sea Foods, Inc. for their proposals recently funded by the NYS Department of Agriculture and Markets. Dr. Young's project (systems approach to the development of an integrated trout industry in New York State) and Inlent Sea Foods effort (use of freezers and coolers to obtain higher returns and to develop new fisheries) represent approximately 10% of the \$740,000 allocated by the Department to promote agriculture in NYS.

The National Fish Culture Hall of Fame was established by the American Fisheries Society in 1985, and recognizes Fish Culturists, past and present, who have distinguished themselves with outstanding contributions to the advancement of fish culture. The Hall is located at the S.D. Both Fish Hatchery because of its fish culture history. Arden Trandahl will be the chairman of the Hall of Fame Committee for the Section. Glenn L. Hoffman and New York's own David G. Haskell were the first inductees.

For those interested in aquaculture, the Water Farming Journal is a must. The new monthly newsletter covers important developments in aquaculture throughout the country and provides detailed updates on new methodologies. Included in the September issue are articles that describe an intensive operation in Toronto, the potential of sturgeon and Chinese carp culture and summarizes the aquaculture development plan recently developed by Illinois. The Newsletter accurately reflects the potential and needs of aquaculture. In stock market jargon, a strong buy signal is indicated.

CAREER CORNER

Michigan anticipates to fill some 50 positions in all aspects of Fisheries Division's programs. Interviews and examinations will commence in August. The main thrust will be on expansion of inland fisheries programs and is a direct result of Wallop-Breaux legislation and complementary legislation enacted by the Michigan Legislature. For more information contact John Scott, Michigan Department of Natural Resources, P.O. Box 30028, Lansing, MI 48909.

A plan for an AFS-sponsored employment service will be developed and presented to the Executive committee at its March 1987 meeting.

NEW PUBLICATIONS

The National Oceanic and Atmospheric Administration/National Marine Fisheries Service has issued the National Artificial Reef Plan. The Plan provides guidance on technical aspects of artificial reef planning, design, siting, construction, and management. The Plan is published as NOAA Technical Memorandum NMFS OF-6 and is available in single copies from the National Marine Fisheries Service, NOAA, Washington, D.C. 20235 (R. Stone, 202/634-7449).

- 11-14 November 1986 - Annual Aquatic Toxicity Workshop. University of Moncton, Moncton, NB, Canada. Contact Professor J.S.S. Lakshminarayana, Dept. of Biology, University of Moncton, Moncton, NB E1A 3E9, Canada. (506) 858-4323.
- 20-23 November 1986 - Annual Meeting of the Southern Division of AFS. Baltimore Convention Center, Baltimore, MD. Contact Gene Deems, Maryland Dept. of Forest, Parks and Wildlife Services, Annapolis, MD 21401 (301) 269-3776.
- 3-4 December 1986 - Acid Rain: The Relationship Between Sources and Receptors. Sheraton National Hotel, Arlington, VA. Contact Bill Wagner, 33 South Washington Street, Rochester, NY 14608 (716) 546-3796.
- 7-10 December 1986 - Annual Midwest Fish and Wildlife Conference. Red Lion Inn, Omaha, NE. Contact Darrell E. Feit, Ak-Sar-Ben Aquarium, Rte. 1, Box 165, Gretna, NE 68038 (402) 332-3901.
- 27-30 December 1986. Joint Annual Meeting of the American Society of Zoologists, The American Microscopical Society, the Animal Behavior Society, the Crustacean Society, the International Association, Association of Astacology, and the Society of Systematic Zoology. The Opryland Hotel in Nashville, TN. Contact Mary Adams, Wiley, Box 2739 California Lutheran University, Thousand Oaks, CA 91360 (805) 492-3585).
- 30-31 January 1987. Annual Meeting NY Chaoter AFS. The Beeches/Paul Revere Lodge, Rome, NY. Contact Andrew Kahnle, NYSDEC 21 South Putt Corners Road, New Paltz, NY 12461. (914) 255-5443.
- 14-19 February 1987. AAS Annual Meeting, will include an international symposium on stock assessment and yield prediction. Chicago, IL.
- 24-28 February 1987. U.S. Trout Farmers Association. "Great Smokies" Hilton, Ashville, NC. Contact USTFA 515 Rock Street, Little Rock, AR 72202 (501) 372-3595
- 3-6 May 1987. Annual Meeting of the Northeastern Division of AFS. Boston Park Plaza Hotel, Boston, MA. Contact Peter Oatis, Program Chairman, Field Headquarters, Westboro, MA 01581. (617) 366-4470.
- 21-26 June 1986. Joint Meetings of the American Society of Ichthyologists and Herpetologists and the American Elasmobranch Society. New York State Museum, Albany, NY. Contact Robert A. Daniels, New York State Museum, CEC 3132, Albany, NY 12230.
- 11-17 September 1987 - The Annual Meeting of AFS. Winston-Salem, NC. Contact Carl Sullivan, Exec. Dir. AFS, 5410 Grosvenor Lane, Bethesda, MD 20814. (301) 897-8616.

Second and Final Call for Papers
New York Chapter - American Fisheries Society
1987 Annual Meeting
Rome, NY

AUTHOR:

TITLE:

ABSTRACT:

Date Submitted _____ ☐ Student Paper ☐ Non-Student Paper

Would you like your presentation to be evaluated? ☐ Yes ☐ No

Would you prefer to make your presentation at:

☐ Technical Session ☐ Poster Session ☐ Either

Address of Senior Author _____

Phone Number (days) _____

RENEW YOUR N.Y. CHAPTER AFS MEMBERSHIP

Application for Membership New York Chapter of the American Fisheries Society (Information provided will be used in the annual membership directory)

Applicant's name: _____

Mailing address: _____

Employer or school: _____

Specialization(s) or interest: _____

☐ Regular \$5.00 ☐ Student \$2.00*

*Student rate must be ordered by a faculty and must signing above.

Telephone _____ home
_____ business

☐ Check here if you wish to receive information about national AFS membership.

**Please indicate area(s) of interest by numerical code from list below.

Make check payable to NY Chapter-AFS and mail with this application to address on this form.

PLEASE SEND YOUR 1986 DUES TO:

G. ROUGH, BOX 456, ALFRED, N.Y. 14802

NY-AFS MEMBER: PLEASE NOTE THE NUMBER ON THE LOWER-LEFT CORNER OF YOUR MAILING LABEL. IF IT IS "86" YOUR DUES FOR 1986 HAVE BEEN PAID, ACCORDING TO MY RECORDS. IF IT IS "85" YOUR LAST DUES PAYMENT WAS FOR 1985. IF IT IS "0" YOUR LAST DUES PAYMENT WAS PRIOR TO 1985, YOU MAY USE THE ENCLOSED FORM FOR YOUR RENEWAL. IF YOUR MEMBERSHIP IS CURRENT USE THE FORM TO RECRUIT A NEW MEMBER. G. ROUGH, SEC.

Specialization or Interest

1. Administration
2. Aquaculture
3. Aquatic biology, ecology (freshwater)
4. Biological controls
5. Benthic organisms
6. Communications (writing, publishing, publicity)
7. Exotic species
8. Fish and fishing—general
9. Fish behavior
10. Fish biology—freshwater species
11. Fish biology—marine species
12. Fish biology—estuarine species
13. Fish biology—salmonids and cold-water species
14. Fish biology—warm-water species
15. Fish larvae
16. Fisheries management (population dynamics, habitat improvement, etc.)

17. Genetics
18. Health—medicine, exotic animals
19. Ichthyology, taxonomy
20. Illustrations
21. Impact assessment
22. International fisheries development
23. Legislation and law enforcement
24. Limnology
25. Pesticides
26. Physiology
27. Plankton
28. Pollution
29. Power plants
30. Research
31. Striped bass
32. Sturgeon
33. Toxicology—all phases
34. Water quality—analysis, improvement, etc.

35. Crustaceans
36. Education/Teaching
37. _____
38. _____

Mail Application to:

G. Rough, Sec. Trees.
New York Chapt. AFS
Box 456
Alfred NY 14802