



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

MINUTES OF NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
EXECUTIVE COMMITTEE MEETING

SARANAC LAKE, NEW YORK - OCTOBER 7, 1971.

A meeting of the Executive Committee was held at the Lakeside Motel, Saranac Lake, New York. President Griffiths called the meeting to order at 8:30 p.m. In attendance were Robert Griffiths, Howard Loeb, Martin Pfeiffer, Paul Neth, William Pearce and Neil Ehlinger.

The first topic of discussion was the proposed annual meeting at Syracuse scheduled to take place on January 14 and 15, 1972. The theme of the meeting is to be: "How does Fish and Wildlife fit into the new New York State Department of Environmental Conservation?" Program Chairman Pearce indicated that he had received only twenty positive returns from Fisheries people since it appears very likely that the State will not provide any financial support. The total combined attendance was not expected to exceed seventy-five persons. An outline of the suggested program and speakers follows:

Friday, January 14

10:00 a.m.	-	Registration
12:00 noon	-	Lunch
1:00 p.m.	-	Comm Diamond - 20 minutes

Program as related to F & W.

1:55 p.m.	-	Comm Metzler - Quality Services
2:20 p.m.	-	Comm. Legg - Field Services

New Regional Structure

3:00 p.m.	-	C. Heacox - Natural Resource Consultant Tie in outsider's thinking.
3:30 p.m.	-	Possibly R. Ficher - representing non- consumptive element of public.
4:00 p.m.	-	Comm Diamond - wrap up

Supper

8:00 p.m.	-	Chapter Business Meeting
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- Page 2 -

Saturday, January 15

General Theme: "What role does the resource manager have in actually setting goals?"

PANEL DISCUSSION

Moderator: W. M. Lawrence
 A. Hall
 H. Doig
 C. Parker
 R. Chambers
 G. Humphreys (People's problems)

NOON -- Adjournment

Pearce, Behrens and Moore will make contacts for speakers

The second topic under discussion related to the Fisheries film which is scheduled for completion in the Summer of 1972. Chairman Simkins indicated that the film crew was making good progress but that we required additional funds, amounting to at least \$2400.00, prior to completion. Treasurer Pfeiffer reported that the special movie fund monies received to date amounted to \$3,250.00, but that an additional \$750.00 had been promised by SFI. Chairman Simkins indicated that the State Council might contribute additional funds as well. All members are urged to solicit financial help. Tackle manufacturers and The Izaak Walton League were suggested as possible new sources.

A corrected Treasurer's report reveals that we presently have \$1183.36 in our Savings Account and \$600.85 in our Checking Account for a total of \$1784.21. The Savings Account segment can be considered earmarked for film expenses.

The final topic concerned possible Chapter representation at the forthcoming May meeting of the NE Division to be held at Ellen-ville. A variety of suggestions included: Setting up a booth,



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

- Page 3 -

sponsoring a "Happy Hour", showing a color slide or short film sequence. Loeb was designated as Chairman of a Committee assigned to develop a specific plan of action along this line.

The meeting was adjourned at 11:00 p.m.

Respectfully submitted,

Martin Pfeiffer

MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society

cc. R. Griffiths
H. Loeb
P. Neth
W. Pearce
S. Simkins



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Emor, Impact.

*Ray H. Hadd
C. So. Danthier
at E. H. H.*

11 January 1972

TO: New York Chapter, American Fisheries Society
FROM: Resolutions Committee, 1971
SUBJECT: Proposed Pesticide Resolution

"WHEREAS, there is mounting evidence of long-term environmental damage from gross misuse of pesticides by informed and uninformed users, and

all need D.H.

WHEREAS, it is now recognized that the kinds, extents, and persistence of such environmental disruptions cannot be accurately predicted in advance, and

WHEREAS, the Department of Environmental Conservation is regarded as the New York State authority on proper use and protection of the environment, and

WHEREAS, the New York State Department of Environmental Conservation is presently involved in several plant and animal pest control programs (e.g., water chestnut control, gypsy moth and saddled prominent control, "trash" fish control in streams and ponds, etc.) which regularly employ the use of chemical compounds, and

WHEREAS, Commissioner Diamond has recently outlined a policy which would require that "anyone who would introduce an alien substance into the environment must first prove that its use will not be harmful and that there is a clear public necessity,"

THEREFORE, NOW, BE IT RESOLVED, that the President, New York Chapter of the American Fisheries Society, be instructed to call on Commissioner Diamond urging him to cause a comprehensive investigation of all plant and animal control programs currently being conducted or anticipated by the New York State Department of Environmental Conservation which employ the use of chemical compounds, AND FURTHERMORE urging that Commissioner Diamond cause the preparation of a report to the public setting forth the findings of this investigation including proof that continued or future use of chemical compounds in plant and animal control programs being conducted or anticipated by the New York State Department of Environmental Conservation will not be harmful to the environment and that these uses of chemical compounds are justified by documentation of a clear necessity in every instance."

William H. Hadd

STATE UNIVERSITY COLLEGE OF FORESTRY
SYRACUSE CAMPUS
SYRACUSE, NEW YORK 13210

DECEMBER 1, 1971

MID-PRODUCTION REPORT -- PROGRESS ON FISHERIES BIOLOGY FILM

To Review...

The New York Chapter of the American Fisheries Society has entered into a cooperative agreement with the State University of New York, College of Forestry in the production of a 16mm sound, color film to portray the spectrum of professional careers involved in studying and managing the aquatic environment. Chief among these are the fisheries biologists, limnologists and marine biologists. But also to be included in the story are the special contributions of the chemist, statistician, field technician and others who reinforce the central cause of understanding and properly using our aquatic resources. During this era of environmental awareness, it has been obvious that the work of these professionals has not obtained an appropriate degree of attention and it was decided that a film would be a valuable tool in telling the story to several target audiences--high school and college students studying environmental sciences, high school and college students that may be interested in aquatic biology careers, sportsmen's groups and other organizations that should be kept informed of the work of the aquatic scientists and can influence legislation and funding in support of sound research and management programs.

The College of Forestry shares the concern of the American Fisheries Society and has agreed to contribute personnel expertise and normal "overhead operating expenses." The New York Chapter of the Society has assumed the responsibility for "out-of-pocket" costs--namely film, film processing, work printing, edge numbering, narration, music scoring, travel, etc.

Objectives of the Film...

The primary objectives of the film are:

- (1) To stimulate interest in the various careers of aquatic biology.
- (2) To provide a teaching tool which demonstrates the importance of the aquatic environment, shows the various threats to this environment and documents the importance of continuing studies and management programs in maintaining a high quality environment for all forms of aquatic life--and for man.

- (a) Maintenance and enhancement of sport fishing.
- (b) Maintenance and enhancement of commercial fishing including shell fishing.
- (c) Complexity of aquatic environments.
- (d) Influence of man (industry, municipal, recreation, etc.) on the aquatic environment.
- (e) Demonstrate that "all is not hopeless" --show positive corrective measures that have been and are being employed in pollution abatement, maintaining favorable fish populations, etc.

Subject Outline...

Although preliminary treatments and scripts have been written, and an outline established for this film, it must be understood that a film of this nature is documentary in format and unlike a theatrical film, is not fully scripted until locations are visited, various stories are evaluated for the filmic potential and a story line is discussed with the biologists on the scene. Thus, this film is being produced with clear-cut objectives in mind, a subject outline (which follows) and a scripting process which moves from general, hypothetical scripting through several stages of refinement as production progresses.

In finished form, the film will present a fast paced panorama of the work of aquatic scientists. The following locations and activities will be, or are intended to be included in the story:

Trout hatcheries--how and why.	Filming half completed
Pond reclamation (Adirondacks).	Filming completed
Pacific salmon--commercial and sport fishing, management, ladders.	Will attempt to tell story from "stock footage"
Atlantic salmon--declining sport fishing and why; efforts to restore.	Filming scheduled July 1972
Rainbow trout research in Cayuga Lake--fishway, artificial spawning channel, fishing.	Filming completed

Chesapeake area--clam dredge, monitoring commercial trawlers, estuarine studies and management, thermal pollution research (other).	Filming completed
Great Lakes--pollution of, alewife and coho, lamprey predation, lamprey research and control, research vessel and articulation with U.S.F. & WL laboratory at Ann Arbor, pesticides and mercury monitoring.	Filming completed
Connecticut River shad story--thermal studies, sonic tagging, elevator lift over dam.	Filming completed
Long Island--clams, oysters. Sport and commercial fishing and management, oil and sewage pollution (?).	Filming scheduled Spring 1972
Intensive management of warm water fishery--Oneida Lake hatchery and Cornell research.	Filming completed
Commercial (ocean) fishing and fish products to feed the hungry world--no panacea. (Ending montage)	Partially filmed
Lake trout population maintenance in Finger Lakes.	Filming completed

Budget...

Production costs can be lumped into three types of expenditure:

- (1) Overhead--salaries, production equipment. Realistic costs will approach \$20,000. College of Forestry is assuming this cost.
- (2) Materials and Outside Services--Estimated \$5,160.00. To be raised by New York Chapter of American Fisheries Society.

COST ESTIMATE FOR FISHERIES FILM (20-25 min. sound/color) (March 1971)

MATERIALS

Film stock 13,000 feet @ .07	\$ 910.00	
16mm magnetic film 5 rolls @ \$21.00	105.00	
1/4 inch magnetic tape 10 reels @ \$2.00	20.00	
Leader & Misc. editing supplies	20.00	
Props		\$ 1,055.00

OUTSIDE SERVICES

Process original 13,000 feet @ .06	\$ 720.00	
Work print 13,000 feet @ .11	1,430.00	
Sound transfer mag to optical	100.00	
A & B conforming	200.00	
Music clearance	235.00	
Optical effects	75.00	
Answer print	165.00	
Titles & art work	250.00	
Animation		
Special effects		
Shipping & misc.	50.00	
Internegative	250.00	
A wind positive track	100.00	
Narrator	100.00	
Cans, reels, etc.	25.00	
Color positive check print	145.00	
Release prints (2 @ \$100.00)	200.00	

\$4,105.00

Total, exclusive of travel

\$5,160.00

- (3) Travel--Estimated \$2,000.00. To be raised by New York Chapter American Fisheries Society. Total travel expenses depend entirely on locations, length of stay necessary (weather and timing of activities) and number of people involved in filming.

EXPENSES TO DECEMBER 1, 1971

- (1) Material and Outside Service--

At this time \$630.00 of film has been shot and processing and work printing expenses have reached \$1,660.00.

- (2) Travel--

At this time travel expenses paid at normal mileage and per diem rates allowed N.Y.S. employees have reached \$1,380.00.

Film Sponsors...

The following organizations have thus far sponsored the materials, outside service, and travel expenses incurred in the movie production with total contributions of \$5,000.00.

- (1) Sport Fishing Institute
- (2) New York State Conservation Council and American Game Association Foundation
- (3) Trout, Unlimited
- (4) New York Chapter American Fisheries Society

Committee Members...

Members of the Committee on Professionalism, New York Chapter American Fisheries Society, who are coordinating the movie production on behalf of the Chapter include:

Dwight Webster	Cornell University
William Flick	Cornell University
Albert Jensen	New York Department of Environmental Conservation
Kenneth Wich	New York Department of Environmental Conservation
Stephen Simkins (chairman)	Paul Smith's College

Submitted December 1, 1971
by
David L. Hanselman
SUNY College of Forestry
Syracuse, New York

11 January 1972

TO: New York Chapter, American Fisheries Society
FROM: Resolutions Committee, 1971
SUBJECT: Proposed Pesticide Resolution

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MEMORANDUM

March 28, 1971

TO: William Shepherd
Steve Mooradian
Anthony Bonavist

As Vice-President of the New York State Chapter of the American Fisheries Society it is also my pleasure to serve as Chairman of the Membership Committee. Since a committee needs members as well, your names immediately sprang to mind. I hope you will be kind enough to accept.

In the future we should get together at least once to discuss (1) ways of increasing the number of regular members, (2) the status of "members" who don't belong to the American Fisheries Society (3) dues, etc.

Could you inform me as to your acceptance, let me know of any ideas on the above, and also where and when we could meet.

Howard A. Loeb
Chairman

HAL/ja

1971

New York State Chapter - American Fisheries Society

Auditing Committee

Phillip T. Briggs, Chairman
William Kelly
Clifford Crouch

Awards Committee

Carl Parker, Chairman
William Shepherd
John Foole
Richard Noble

Bylaws Committee

Richard H. Schaefer, Chairman
Walter Murawski

Heraldic Committee

William MacGregor, Chairman
Martin Pfeiffer

Licensing Committee

John Gould, Chairman
James Lindsey
Robert Harding

Membership Committee

Edward Loeb, Chairman
William Shepherd ✓
Steve Mooradian ✓
Anthony Bonavist ✓

Nominating Committee

Daniel Plosila, Chairman
A. C. Petty
Ned Holmes

Professional Standards Committee

Steve Simpkins, Chairman
William Flick
Dr. Webster
Ken Wich
Al. Jensen

Program Committee

William Pearce, Chairman
Walt Kellar
Al Jensen
Russell Fieldhouse
Carl Widner
Paul Griffin
U. B. Stone

Publicity Committee

Robert VanWie, Chairman
W. Young
R. Werner
W. Miller

Resolution Committee

Dr. Al Eipper
George Danskin
Ray Tuttle

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
RECEIVED
MAR 25 1971
FISH - RESEARCH

3. Environmental Quality:

Environmental Impact Analysis

Stream protection

Law enforcement

Pollution control

Planning

Administration

Public relations etc.

a. It would seem that despite an attempt at continued interest in fisheries there is bound to be a preoccupation with the general environment - to the detriment of fisheries & of active sport.

b. It is going to take some doing to keep hunting & fishing in the forefront of things:

Consumption vs. non consumption use.

Competition for the dollar to carry out fishery work

How to maintain &/or develop urban fishing.

Mood against killing.

> 8 *hand up*
Secy - Treas.

until
affiliates memb. settled.
couldn't really carry out
a membership drive.

AGENDA

** 844 left*

5th ANNUAL BUSINESS MEETING

NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY

JANUARY 14, 1972

1. Call to Order
 - President's Remarks ✓
2. Membership Count Quorum is 1/3 of voting membership ✓
3. Adoption of Minutes of Previous Meeting ✓
4. Report of Secretary-Treasurer - Martin Pfeiffer ✓
5. Report of Committees
 - a. Auditing - Philip Briggs, Chairman —
 - b. Program - Bill Pearce, Chairman —
 - c. Membership - Howard Loeb, Chairman —
 - d. Professional Standards - Steve Simpkins, Chairman —
 - e. Resolutions - Al Eipper, Chairman —
 - f. Licensing - John Gould, Chairman —
 - g. Bylaws - Dick Schaefer, Chairman —
 - h. Awards - Carl Parker, Chairman
 - i. Heraldic - Bill MacGregor, Chairman
 - j. Publicity - Bob VanWie, Chairman
6. Old Business
 - a. Natural Resources Conference
 John Gould *try again in 1975*
 - b. Other
7. New Business
 - a. May 1972 N. E. Division Meeting —
 - b. Historian *4 office*
 - c. Other
8. Nomination Committee Report - D. Plosila
9. Election of Officers
10. Comments from New President
11. Adjournment

Bill Shepherd
Tony Bonifac
Steve Zoradian

March 23, 1971

Mr. Donald Behrends
President
New York Chapter, Wildlife Society
Newcomb, New York 12852

Dear Don:

Howard Loeb, Bill Pearce and I will be at Syracuse on
March 31 as scheduled for our joint meeting to get our
1971 Chapter's program in the works.

Sincerely,

REG:mf

Robert H. Griffiths, Pres.
New York Chapter - A75

cc; B. Pearce
H. Loeb ✓

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

RECEIVED
MAR 23 1971

FISH - RESEARCH

STATE UNIVERSITY COLLEGE OF FORESTRY
AT SYRACUSE UNIVERSITY



THE ARCHER AND ANNA
HUNTINGTON WILDLIFE FOREST STATION
NEWCOMB, NEW YORK 12852

New York Chapter
The Wildlife Society

March 9, 1971

MEMO TO: Messrs. Griffis, Leab and Pearce, A.F.S.; and
Forbes and Moore, T.W.S.

FROM: ^{or} D. F. Behrend

The concensus is that we should meet soon to initiate formal planning for the joint December meeting. Accordingly, please plan to meet at 1:30 PM in Room 241, Illick Hall, on the campus of the State University College of Forestry at Syracuse University.

As the result of informal discussions with Bill Pearce and Jim Forbes at Grossinger's, I have communicated the following to the Wildlife Chapter's Executive Committee:

What should be the theme of the program for the annual (December) meeting? (My suggestion is that we consider the role of the professional in resources management, especially as regards the distinction between setting goals and implementing them. Such a program would be most meaningful if specific examples were employed, eg., deer management and salmonid management in New York.)

I expect to have our Executive Committee's reaction to this well before March 31.

I look forward to seeing you in Syracuse on the 31st.

cc: P. Neff
M. Peiffer

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
RECEIVED
MAR 18 1971
FISH - RESEARCH



December 18, 1970

Howard Loeb ✓
Martin Pfeiffer
Paul Neth

Executive Board Meeting - New York State Chapter
of the American Fisheries Society

Several items of Chapter business need our prompt attention. I would like to schedule a meeting for Wednesday afternoon, January 6, at my home in Voorheesville. A cheery fire in my Franklin stove should be conducive to clear and sharp thinking.

The National Resource Conference meeting, planned for February 25-27 at Grossinger's, is still schedule despite general concern for the Department austerity program. There will be time provided at this conference for a business meeting, and it is the opinion of at least one of our chapter members that we should attempt to modify our by-laws at this time to conform with the American Fisheries Society decision that our affiliate membership clause is not acceptable.

We must also select people for standing committee chairmanships. The real key to the success we, as an organization, have enjoyed these past years has been heavily dependant on the work done by our standing committees; particularly the program committee. We must select and convince the pool devil who agrees to chair this committee that he is the key cog in our program wheel.

See you for lunch here in the Albany Office on January 6. We will leave from lunch for my home and a busy afternoon. Hope promises food and drink when our business is finished. Martin, we no longer have childhood diseases and I therefore hope you will dare spend the night with us.

Robert H. Griffiths
President



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
RECEIVED
JUN 11 1971
FISH - RESEARCH

EXECUTIVE COMMITTEE MEETING
NEW YORK CHAPTER
AMERICAN FISHERIES SOCIETY

Howard Loeb ✓
Martin Pfeiffer
Paul Neth
William Pearce
Steve Simpkins

I have scheduled an Executive Committee Meeting for Thursday evening, June 10, at Saranac Lake in my motel room at the Lake View Motel. Dan Plosila is calling a meeting of the Wild Brook Trout Committee for the afternoon.

Following dinner and maybe some fishing, we should be able to convene by 8:30 for our session.

I do not expect it will take us too long to review status of the various committee activities. The program under Bill Pearce is underway, Steve Simpkins film is under production and Dick Schaeffer is working on the bylaw problems. Other items of interest and concern can be discussed as necessary.

Please arrange for your own lodging reservation, if you plan to stay in Saranac.

RHG:mf

Rob
Robert H. Griffiths
Pres. - NYS Chapter AFS

Oates

M E M O R A N D U M

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
RECEIVED
APR 19 1971

FISH - RESEARCH

TO: Howard A. Loeb
FROM: William F. Shepherd
DATE: April 13, 1971

Please consider this as an acceptance of your generous offer of March 26, 1971 for me to serve on the Membership Committee of the New York Chapter of the American Fisheries Society.

Your memo prompted me to consider payment of my 1971 dues to the New York Chapter. I will do same at my earliest convenience, since a member of the membership committee is probably required to be a member of the chapter.

I'll withhold comments on your topics for discussion until our committee holds its inaugural meeting.

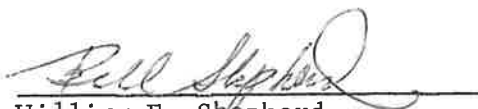
Not knowing the status of our 02 in current budget crisis the meeting and its location (if at our personal expense) is a big question mark.

I'll gladly offer the Haskell Parkway, R.D.#1, Olean, as a meeting location. Steak can be guaranteed, liquids subject to contributions, lobsters at the discretion of our local super-market which hasn't had a sale in 3 months.

As a substitute, the Syracuse area, due to its' central location has much to offer.

Another consideration should be Albany, since Mr. Mooradian could accompany me to a Fisheries Manager Meeting, and Tony could accompany Manager Kelly.

Thanks again for the magnanimous offer to serve on your illustrious committee.

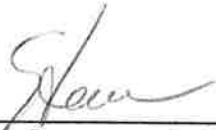

William F. Shepherd
Regional Fisheries Mgr.
Region 2

M E M O R A N D U M

TO: Howard A. Loeb
FROM: Stephen R. Mooradian
DATE: April 5, 1971
RE: A.F.S. Membership Committee

I will most certainly accept the position of committee member on your most important group. Needless to say, my acceptance is dependant upon my continued employment with the State of New York!

The four man committee is represented by two westerners and two from the eastern sector of our State. It would seem logical that a meeting at some mid-point (Syracuse) is the best location. The time of this meeting should fall within the next two months, before we are in our summer field season.



Stephen R. Mooradian
Conservation Biologist
Region 2

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

RECEIVED
APR 7 1971

FISH - RESEARCH

SOME NOTES ON THE HISTORY OF THE NEW YORK CHAPTER
AMERICAN FISHERY SOCIETY

(Formerly Professional Fisheries Association of New York)

Prepared by: William A. Flick
Cornell University

The following material has been dug out of various old boxes, torn folders, the backs of envelopes, and parts from foggy memory (or perhaps imagination). New material may eventually appear as members retire and clean out their desks. Until then I hope this chronology* will be an aid in plotting a course for further growth and achievements of the Chapter. We have done well but with the present large, diversified, and young membership we can and should do even better.

1965 March - Fishery COOP Workshop at Cornell - Subject "Age and Growth of Fish." On March 10, 1965 at this meeting John Gould suggested creation of the N.Y. Association of Fishery Biologists.

October - Rome, N.Y. meeting of N.Y. Conservation Department Bureau of Fish - Organizational meeting of Professional Fisheries Association of New York - (Initially N.Y. Association of Fishery Biologists.)

Some of the original people involved are listed below. Additional names should be added as they are uncovered.

John Gould - Chairman (NYCD)

Erwin Alperin (NYCD)	Robert Griffith (NYCD)	Martin Pfeiffer (NYCD)
William Bentley (NYCD)	Robert Harding (NYCD)	Henry Regier (Cornell)
Robert Brewer (NYCD)	Bill Kelly (NYCD)	U. B. Stone (NYCD)
Howard Dean (NYCD)	Jim Lindsey (NYCD)	Earl Styles (NYCD)
Eli Dietsch (NYCD)	Howard Loeb (NYCD)	Dwight Webster (Cornell)
Neil Ehlinger (NYCD)	Paul Neth (NYCD)	Ken Wich (NYCD)
Al Eipper (Cornell)	William Pearce (NYCD)	Robert Zilliox (NYCD)
Bill Flick (Cornell)		

1966 March - First meeting of the "Professional Fisheries Association of N.Y. (PFANY) - Met in conjunction with the Fishery COOP Workshop at Cornell - Subject "Statistics". President - John Gould - Membership - 68.

At the meeting the members present agreed nearly unanimously that the advantages inherent in our fisheries group - i.e., the unique opportunities for really productive, searching discussion of fisheries research and management topics of mutual interest by all fisheries workers of the State - would be greatly reduced by changing over to a "joint meeting" arrangement with Wildlife Chapter. (Taken from the records of 1966.)

Attendance N.Y. Cons. Dept. Cornell

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* Note: The author will not be held responsible for the accuracy of the material herein.

1972 January - Joint meeting with Wildlife Chapter - "How Does Fish and Wildlife Fit into the New N.Y. Dept. of Environmental Conservation." President - Howard Loeb. Membership - 91.

First Chapter News Letter - Ned Holmes Editor. Last year of N.Y. Fish News (Dept. publication). Work still progressing on film "The Aquatic Ecologist".

1973 February - Seventh annual joint meeting with the Wildlife Chapter - Theme - "Fish and Wildlife Values, Conflict or Concord". President - Martin Pfeiffer. Membership - 97.

For the first time $\frac{1}{2}$ day was devoted to separate sessions. Fisheries subject was "Fish Management Today - Where Do We Go from Here". Film "The Aquatic Ecologist" nearing completion.

1974 January - Eighth annual joint meeting with the Wildlife Chapter - Theme - "Fish & Wildlife in Regional Planning: The Adirondacks and Beyond". President - Bill Pearce. Membership - 74.

Separate Fisheries Session Saturday morning "Role of Forage Fish in Salmonid Management". This was an excellent session with speakers such as N. V. Martin from Ontario. A real bright spot compared to most joint sessions.

Film - "The Aquatic Ecologist" was finally completed. Dave Haselman and Bernie Holtman who produced the film did an excellent job and covered over 10,000 miles gathering material. The College of Forestry at Syracuse contributed the services of Dave and Bernie and the N.Y. Chapter begged, borrowed and pleaded (plus sold some film) to come up with the \$11,500 needed by the end of 1974. Steve Simkins was Committee Chairman through to the end with Dwight Webster and Bill Flick committee members attending all meetings for 6 years. Bob Werner was the super salesman that handled film distribution following completion and collected sale money to get us out of debt.

1975 February - Ninth (and last) joint meeting with the Wildlife Chapter. Also involved in this meeting were The Soil Conservation Service, and the N.Y. Upstate Chapter of the American Institute of Planners. Theme - "Environmental Aspects in Land Use - Preservation vs. Development". President - Bill Pearce. Membership - 84.

There was very little interest in this meeting (no separate session for fisheries) and total attendance was 24 with 28 needed for a quorum. Officers from the previous year were asked to continue serving.

Film - "The Aquatic Ecologist" received an award for reaching the finals in the American Film Festival. It was also accepted for entry in the "Cine Film Festival". It was selected by the United States Information Agency for use in their Science Reports. A short made from the film was made into 22 languages and sent to 84 countries.

October - Business meeting of PFANY in conjunction with the N.Y. Conservation Dept. Bureau Fish Meeting.

1967 March - Fishery COOP Workshop at Cornell - Subject "Review of Methods of Fish Population Estimation". Good attendance, nearly all PFANY members.

December - Joint meeting of PFANY with Wildlife Chapter. Theme "Professionalism". President - Robert Zilliox - Membership - 103. (It is interesting to note we had a joint meeting when a year earlier we decided it was a poor idea.)

1968 March - Fishery COOP Workshop at Cornell - Subject "Some Questions on Economic Analysis and Its Role in Making Water Use Decisions Involving Fisheries." Unfortunately this was the last of the Fishery COOP Workshop.

December - Joint meeting with Wildlife Chapter in Syracuse - Theme - "Communication". President - U. B. Stone. Membership - 110.

Dick Schaefer stated that \$2.00 dues were inadequate to maintain organization.

American Fishery Society accepted PFANY as the New York Chapter American Fishery Society.

1969 December - Meeting of the New York Chapter American Fisheries Society with the Wildlife Chapter - Theme - "The Demands on Our Fish and Wildlife Resources". President - Bill Flick. Membership - 81.

The initial plans for the film "The Aquatic Ecologist" evolved under the Professional Standards Chairmanship of Steve Simkins.

1970 December - Fourth joint meeting with the Wildlife Chapter - Theme - "The Use of Computers in Fisheries and Wildlife Research, Management and Husbandry". President - Paul Neth. Membership - 114.

Howard Loeb was Program Chairman for the Fishery Chapter and it was a better than average joint meeting. Work on the film "The Aquatic Ecologist" made real strides. Committee - Chairmen - Steve Simkins, Bill Flick, Dwight Webster, Al Jensen.

1971 December - Fifth joint meeting with the Wildlife Chapter - theme - "The Role of Fish and Wildlife Managers in N.Y.'s Conservation Programs". President - Robert Griffith. Membership - 76.

Work still progressing on film. A major item at the meeting was the problem of "Affiliate" membership category.

March - Joint meeting of the N.Y. Fishery Chapter with the Wildlife Chapter, Soil Conservation Service, and the Society of American Foresters at Grossingers. Theme - "Politics and the Environment".

1976 February - First meeting of the New York Chapter as a single unit and oriented toward aquatic related subjects. President - Bob Werner. Membership - 97.

Many thanks are due to past President, Bill Pearce, and the Program Committee in setting up the meeting at Bergamo and coming up with a program that drew 82 members vs. 24 in 1975. Papers were given by Chapter members on their various programs.

1977 Second meeting of the New York Chapter at Bergamo with papers by members on various aquatic projects. President - C. Lavett Smith. Membership - 109.

There was good attendance at the meeting with much interest and enthusiasm in the Chapter. Along with the regular aquatic related papers there was an excellent session on aquaculture. Secretary-Treasurer Joe Gorsuch did the Chapter a big favor in obtaining bulk mailing rates and addressograph plates for membership mailing.

1978 Third meeting of the New York Chapter to be held at Bergamo with papers by various Chapter members. President - Bruce Shupp. Membership - 258.

Program Chairman Dave Green indicates there were over 30 papers submitted for the 1978 program. The size of the current membership indicates the present interest in the Chapter.

One of the valuable contributions this year has been the membership directory. This has already been an aid to many of us.

It is interesting to note the present makeup of the membership as compared to 1966. The wide diversity in membership makes for a much stronger organization. Numbers and percent of the total membership from various groups are shown below:

	1966	1978
N.Y.S. DEC	38 (83%)	75 (31%)
Cornell	8 (17%)	16 (6%)
Other Research or Teaching	0	73 (29%)
Environmental Consulting	0	27 (11%)
Industry	0	27 (11%)
Sportsmen Retired, etc.	0	17 (7%)
Student	0	14 (6%)

STATE UNIVERSITY COLLEGE OF FORESTRY
AT SYRACUSE UNIVERSITY
SYRACUSE, NEW YORK 13210

SENT FOR THE INFORMATION OF

January 7, 1971

Professor Stephen Simkins
Paul Smith's College
Paul Smiths, New York 12970

Dear Steve:

This is to inform you that we are beginning work on the fisheries-aquatic biology film. Bernie Holtman and I are gathering all of the "inputs" we can at this time and hope to have preliminary scripting under way yet this winter.

We are agreed to produce this film cooperatively with The American Fisheries Association and specifically the New York State Chapter on a cooperative basis because of our mutual interest in the educational significance of this effort. The College of Forestry will contribute the required personnel and facilities and all "out of pocket" expenses (film, laboratory fees, travel, etc.) will be paid by your organization. It is our understanding that you have now obtained \$2,500.00 and will seek the remaining funds. Because there is no "profit cushion" we can only estimate at this time that the film will cost approximately \$5,000.00. Because there are many variables in the production of a film such as this, it is difficult to set a firm completion date. However, we will strive to meet your target date of completion for Spring of 1972.

We are enthusiastic about this project and look forward to getting into production soon.

Cordially yours,

David L. Hanselman, Coordinator
Educational Communications

DLH:SK

cc: Dean John Yavorsky
Professor Dwight Webster
✓ Mr. William Flick
Mr. Albert Jensen

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M E M O R A N D U M

December 21, 1971

TO: Martin Pfeiffer

RE: Joint Fish and Wildlife Chapter Program

The following is some information concerning the forthcoming joint chapter meeting. We should make an all out effort to get as big attendance as possible since we have tapped practically the entire top administrative staff from our Albany office. A poor showing will put us in a terrible light with the administrators. Also, this will be the only chance the professionals will have to ask questions and hear from the top administrators just what the situation is now and what we can expect in the future as far as fish and wildlife management is concerned.

Because of the shortage of time and the fact that almost every panelist that had contacted me requested information, I made up a general information sheet that should help them stay in the ball park when they give their talk at the meeting and distributed it to each panelist. Otherwise, their speech might not be relevant to what our needs are. I am sorry I did not have time to pass this around for review. It was a rush job, but better than nothing.

The one big disappointment in the overall program is the fact that Commissioner Diamond will not be there Friday as a moderator. I had a long talk with Irwin King Thursday. I believe I convinced him that at least the presence of the Commissioner sometime during the meeting would be of major importance to all attending. He thought it might be possible for him to stop in for a brief "hello" and "good-bye". He is going to let us know.

The only other panelist that I didn't hear from was Mason Lawrence. He was out when I stopped in the office, but Irwin King's comments indicated that all the rest of the Department staff would be there as well as the outside panelists that were asked to attend.

There was some question as to who if anyone, should be the moderator for the Friday afternoon session. Obviously, a moderator is needed. If the Commissioner isn't the moderator no one else could speak for him with the authority he has. It was suggested that someone outside of the Department might then be more appropriate to wrap-up the program with a brief review of how it looks from there. Don Behrend, to my knowledge, has been assigned the task because he is not directly associated with the Department. The only person that we will owe any expenses to will be Cecil Heacox and his wife. He was offered lodging because he is a private consultant and usually they do not expect to attend completely on their own. We will have to take care of his room; otherwise I believe we have no other panelist's expenses.

The meeting place is the Northway Motel, Thurway Exit 36, Syracuse, New York. The Wildlife Chapter personnel have taken care of the arrangements and I understand they are taking care of having the formal program printed up. There will be a charge for the meeting rooms. I do not believe the registration fee has been decided upon as yet. This information should be forthcoming soon so that members can plan accordingly.

I cannot urge enough that our publicity men, secretaries, et cetera, from each chapter, push for a large attendance. We might remind the troops that they are entitled to three days off each year for attending such meetings without leave penalties if they work for the Department.

Have a very merry Christmas and healthy New Year!

Let me know if I can do anything further.



William A. Pearce
Station Director
Cape Vincent Fisheries Station

WAP/sac

CC: D. Brehend
T. Moore
R. Griffiths
B. VanWie

New York State
Department of Environmental Conservation

MEMORANDUM

TO

Life

(over)

Have a meow - got
something under the tree
for you - but can't ship
it - it'll keep -

Inez - Peter & son David
will be homey Board's home
so looks like fun -

We also got something
for Pop if we ever
get up give him over
best - Bell adie et al

can. I cannot say if
make the material
got - Hope for sleep
in being our
meeting - everyone
the in, scheduled to
attend.

R. K. Fisher

INFORMATION
FOR
JOINT NYS FISH AND WILDLIFE SOCIETY CHAPTER MEETING PANELISTS

Meeting Information: January 14-15 1:00 P.M. - Noon
Syracuse, New York

INTRODUCTION

There have been requests from some panelists for suggested parameters for their discussion in order to closely relate it to the program objective. The following may be of help to you.

PROGRAM THEME: The general theme is the role fish and wildlife managers will play in carrying out New York State's conservation program. Fish and wildlife management is used in the broadest context to include administration, training, planning, research, and other "management" activities.

PROGRAM STRUCTURE: The first day's program will cover the system now used or proposed to develop and implement strategic management plans of the State's fish and wildlife resources. Presentations have been limited to top Department administrators and ranking personnel of associated interests.

The second day's program will: present the operational plan or program proposals to implement fish and wildlife management from Division level to the field level; the role fish and wildlife management personnel, both Departmental and Academic, should play in developing and carrying out necessary

programs; the coordination of Division of Fish and Wildlife management programs and needs with other Department operations.

PROGRAM REPRESENTATION

ENCON: The New York State Department of Environmental Conservation has been requested to provide the majority of the panelists for the following reasons: it is the State agency mandated by law the responsibility of managing our fish, wildlife, and other natural resources for the people; most fish and wildlife professionals either work for or are closely aligned to Department responsibilities.

All major objectives of the Department, the system in which they are attained, and the role every professional should or could play in the program, will be of vital interest to conference attendees.

ACADEMIC AGENCIES: Higher academic institutions should be represented on a balanced management panel for obvious reasons, some of which are: universities get the pre-professional and mold him into an apprentice manager which often dictates his future line of interest and effectiveness at least in the first few years of outside employment; universities have the freedom and moral obligation of viewing management objectives and programs from all user interests on a long range basis -- and participating in program planning or programs mutually beneficial to those user's needs. Often, non-consumptive users are dependent on outside support such as universities to protect their interest. Government agencies are the largest employer of an academic end product, professional conservationists with appropriate degrees. For this reason alone, the machinations of the Department must be thoroughly appreciated by the academic institutions developing such professionals

for future State employment.

PRIVATE CONSULTANTS: In recent years the role of the private consultant has expanded tremendously and often influences State and national conservation programs and policies. The end results may be of great concern to fish and wildlife resource managers. The consultant has been very active in developing program plans for governmental agencies in broad as well as very specific areas of deep interest to managers. The consultant has also been and will continue to be extremely important in developing and/or carrying out plans for industry effecting fish and wildlife resources. The consultant has emerged as a major force, usually positive -- sometimes negative, in determining many future management activities of the state and country. It is imperative that the role of the consultant be thoroughly understood by all fish and wildlife personnel.

OTHER RESPONSIBLE INTERESTS: The Program Committee realized there were many other interests vital to sound management that are not represented on the panels. Time prevents such participation. It is hoped that panelists will touch on such interests of major concern to their role in conservation programming. However, the problems of finances, legislative mandates, and other problem categories familiar to all attendees could be excluded from detailed discussion. Such categories may be included as a special future program.

INDIVIDUAL PANELIST'S TOPICS: The Program Committee would not be presumptive enough to try and rigidly dictate a panelist's presentation. In light of the briefing above, the following suggestions are presented to each panelist to possibly aid in directing his contribution to the Program Theme.

PERSONAL HISTORY: A brief but pertinent personal history would be appreciated from each panelist. This will aid in orienting the audience and provide proper recognition for news media use. Kindly send personal histories to Mr. Robert H. VanWie, Supervisor of Stream Improvement, Bureau of Fish, ENCON, 50 Wolf Road, Albany, New York, 12201.

COMMISSIONER ENCON HENRY L. DIAMOND; Moderator: A brief review of Department mandates and goals with: emphasis on the role of the Division of Fish and Wildlife as it relates to Department goals; present and potential role of academic and consultant programs in relation to fish and wildlife resource management programs.

An organizational chart of the overall Department structure with a detailed chart of the Division of Fish and Wildlife for display would be very helpful.

DEPUTY COMMISSIONER FOR FIELD SERVICES E. STANLEY LEGG:: A description of Division of Field Services responsibilities in relation to Department goals with: major emphasis on the responsibilities of fish and wildlife management personnel to the overall Field Services program; coordination of Division of Fish and Wildlife responsibilities with field services programming; coordination of regional and non-regional aligned fish and wildlife field offices with field services, consultant, and academic interests in Division of Field Services operations.

NATURAL RESOURCE CONSULTANT CECIL E. HEACOX: The present and potential role private consultants play in developing plans and programs effecting areas of major interest to fish and wildlife managers; opportunity for employment of management personnel in the consultant field; examples of major contributions to government and/or industry by consultants in relation to fish and wildlife resource management. How might management personnel

contribute effectively to consultant work?

NATURE AND CONSERVATION EDUCATION, PROFESSOR RICHARD B. FISCHER,
PHD. CORNELL UNIVERSITY: The role of the university as it influences the management of fish and wildlife resources by: developing undergraduate and graduate students for fish and wildlife management; support of non-consumptive user's interests in State fish and wildlife management. The role fish and wildlife managers might play in developing future programs to fulfill resource and public needs.

SUMMARY BY COMMISSIONER ENCON HENRY L. DIAMOND: A review of the major points of concern covered by panelists as they relate to the fish and wildlife manager's responsibilities in fulfilling Department mandates and goals.

SATURDAY A.M. JANUARY 15, 1972

DEPUTY COMMISSIONER FOR ENVIRONMENTAL MANAGEMENT, W. MASON LAWRENCE,
Moderator: Discuss the responsibilities related to Environmental Management, present and proposed programs and the role the Division of Fish and Wildlife will play in such programs. Of vital concern will be the system of coordinating fish and wildlife management activities with overall Environmental Management programs.

DIVISION OF FISH AND WILDLIFE DIRECTOR, ALBERT G. HALL: Discuss in some detail present and proposed Division programs, the responsibilities of fish and wildlife managers at Division and field levels; the coordination of Division programs at the Regional and Commission level.

CHIEF, BUREAU OF WILDLIFE, HERBERT E. DOIG: Discuss: the responsibilities of the Bureau of Wildlife to Division and field offices; outline specific responsibilities of wildlife managers from Bureau level to field level;

project present and potential input of Bureau personnel to Division and Department programming; coordination of Bureau, Academic, and Consultant activities at the field level.

CHIEF, BUREAU OF FISH, CARL E. PARKER: Discuss the responsibilities of the Bureau of Fish to the Division and field offices; outline specific responsibility of fish managers from Bureau to field level; project present and potential input of Bureau personnel to Division and Department programming; coordination of Bureau, Academic, and Consultant activities at the field level.

ENCON REGION 2 DIRECTOR, GEORGE A. HUMPHREYS: Outline the role and responsibilities of regional personnel as they relate to Department mandates and goals with major emphasis on: responsibilities of fish and wildlife management personnel in developing regional programs; coordination of regional fish and wildlife activities with non-regional programs; coordination of regional fish and wildlife programs with Division, Academic, and Consultant activities. Of particular interest will be regional fish and wildlife manager's responsibility to the public.

DEPARTMENT OF FOREST ZOOLOGY, ASSISTANT PROFESSOR ROBERT CHAMBERS, S.U.N.Y., SYRACUSE: Discuss the present and potential role of the university in developing and coordinating State fish and wildlife management programs at the field and administrative levels. Examples of present university operations and how they might be used for mutual benefit of the school, Department, and public would be desirable.

SUMMARY, DEPUTY COMMISSIONER W. MASON LAWRENCE: Summarize pertinent points covered by the panelists; indicate how present and potential programs should be coordinated at the Division and Commission level with emphasis on the role fish and wildlife management personnel will be expected to play at

various levels of responsibility.

GENERAL INFORMATION

Meeting Place: Northway Motel
Thruway Exit 36
Syracuse, New York.

Agenda: Same as tentative agenda previously distributed
barring any unforeseen panelist replacements.

William A. Pearce

Terry Moore

Program Co-chairmen

WAP/sac

12/15/71

FRIDAY, JANUARY 14

10:00 A.M.
Registration

12:00 Noon
Lunch

1:00 P.M.
Meeting Convenes
Opening Remarks
Robert Griffiths, President
Fisheries Chapter

1:30 - 3:10 P.M.
Panel Discussion:
The Role of the Fish and Wildlife Manager
in the Department of Environmental
Conservation

Panel Moderator:
Henry L. Diamond, Commissioner
State of New York Department of Environmental
Conservation

Panelists:
Stanley Legg, Deputy Commissioner, New York
State Department of Environmental Conservation

Dwight Metzler, Deputy Commissioner
New York State Department of
Environmental Conservation

Cecil Heacox
Natural Resources Consultant

3:10 - 3:30 P.M.
Coffee Break

3:30 P.M.
"Non-consumptive Users of Natural Resources"
Richard Fisher, Professor
Cornell University
School of Natural Resources

3:55 P.M.
Highlights:
Commissioner Diamond

4:15 P.M.
Summation:
Dr. Behrend, President
Wildlife Society

5:30 P.M.
Social Hour (Dutch)

6:30 P.M.
Dinner
"To Each His Own"

8:00 P.M.
Chapter Business Meetings

SATURDAY, JANUARY 15

9:00 A.M.
Meeting Convenes
Opening Remarks
Dr. Behrend

9:15 - 10:25 A.M.
Panel Discussion:
The Role of the Professional in
Establishing Policy and Goals

Panel Moderator:
W. Mason Lawrence, Deputy Commissioner,
New York State Department of Environmental
Conservation

Panelists:
A. G. Hall, Director
Division of Fish and Wildlife

Herbert E. Doig, Chief
Bureau of Wildlife

Carl Parker, Chief
Bureau of Fish

Robert Chambers, Professor
Syracuse University
College of Forestry

George A. Humphreys, Regional Director,
Regions 1 & 2, New York State
Department of Environmental Conservation.

10:25 - 10:45 A.M.
Coffee Break

10:45 A.M.
Panel Discussion Resumes

12:00 Noon
Highlights:
Deputy Commissioner Lawrence

12:30 P.M.
Closing Remarks:
Robert Griffiths
Adjourn

Program Committees:

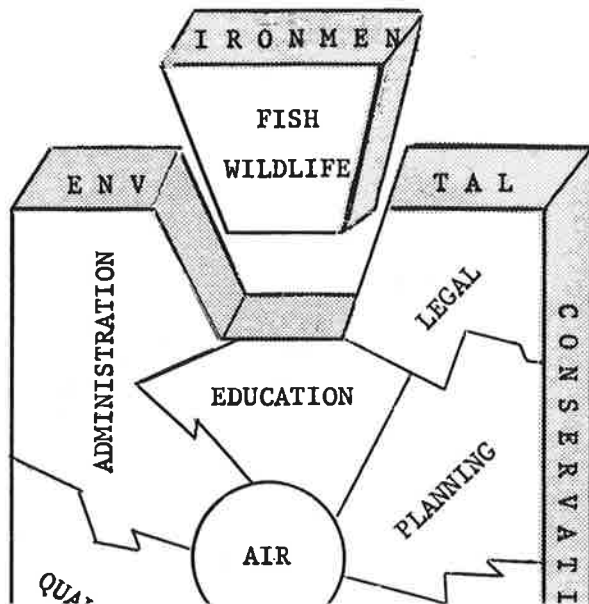
Joint Meeting

THE AMERICAN FISHERIES SOCIETY

and

THE WILDLIFE SOCIETY

January 14 - 15, 1972



Terry Moore, Chairman
Wildlife Program Committee
William A. Pearce

Proposed Joint Fish and Wildlife Chapter Annual Meeting

June 18, 1971

The following is a rough outline of the proposed agenda for the next joint meeting of the two chapters. No one has been contacted that has been proposed as part of the program. Would you kindly review what is listed below and make any comments you might have.

The overall agenda includes two of the topics proposed on our recent canvas for the agenda. Two major points were considered in choosing the topic:

(1) The probable small attendance, at least on an over-night basis. This would restrict our income from registration fees considerably. Therefore, we did not feel that we could solicit people from outside the State or even within the State that might need a considerable amount of expenses for their participation.

(2) It is doubtful that many of us will have a complete understanding of the Department's overall program, goals, and particularly where Fish and Wildlife professionals will be expected to fit within the next few years. In as much as every individual will be paying his own fair on his own time, the floor should be wide open for high level professional questioning. If the Commissioner and staff remain at least through the Friday afternoon session, this will give all professionals that attend an opportunity to present their ideas openly on the floor. It is not anticipated that this will be a harranging-gripe session. The moderator will be able to act unbiasedly in controlling the floor.

From the canvass on the proposed program, Item 2, "Department of Environmental Conservation-how does it operate? Where does Fish and Wildlife fit in the overall program?", was the topic most preferred.

The Wildlife Executive Committee preferred Item 1, "What role does the resource manager play in setting and implementing goals? (Who actually does determine our resource management?)"

We have tried to combine the two topics as they compliment each other. Kindly send your comments to your respective program committee chairman before July 6. We will then try and finalize the agenda and line up the suggested personnel. In the meantime, the Site Selection Subcommittee may have lined up a meeting place.



William A. Pearce, Fisheries Program Chairman

T. Moore, Wildlife Program Chairman

WAP:bg

cc: R. Griffis, President
Fisheries Chapter
D. Behrant, President
Wildlife Chapter

Carl Widner
M. Pfeiffer ✓
B. Griffin
W. Keller

R. Fieldhouse
Dr. U. Stone
C. Creech

Joint New York State Fish and Wildlife Society Chapter Conference Proposed Agenda

DATES: January 14-15, 1972

PLACE: Syracuse, site to be determined

REGISTRATION: Friday, January 14 10 a.m.

REGISTRATION FEE: To be determined (Minimal)

THEME: Friday : "Department of Environmental Conservation - How Does It Operate-
Where Does Fish and Wildlife Fit in the Overall Program?"

1:00 - 1:30 p.m. Welcome: R. Griffith

Moderator: D. Behrend

1:30 - 1:50 Commissioner H. Diamond:
General review of present and proposed Department structure, affiliation, program and projected program with emphasis on Fish and Wildlife mandates.

1:55 - 2:15 Dep. Commissioner Aisler:
Detailed account of his section's structure, present and projected program with emphasis on coordination with Fish and Wildlife programs.

2:20 - 2:40 Dep. Commissioner S. Legg:
Detailed account of his section's structure, present and projected program with emphasis on coordination within our Division and with other Department units.

2:40 - 3:10 Coffee Break

3:10 - 3:30 Natural Resources Consultant, C. Heacock:
What does the hunting and fishing public expect from the Department of Environmental Conservation, with emphasis on related fish and wildlife programming.

3:35 - 3:55 Professor R. Eicher: W:
What does the non-consumptive public demand from the Department of Environmental Conservation with emphasis on fish and wildlife programming.

- 4:00 - 4:30 Questions from the floor
- 4:30 - 4:45 Wrap up - Commissioner Diamond
- 5 - 8 p.m. Supper Break (No banquet)
- 8 p.m. Individual Chapter Business Meetings

Theme: Saturday, January 15: "What role does the Resource Manager Play in Setting and Implementing Goals? Who Actually does Determine Our Resource Management?)"

9:30 a.m. R. Barry, Moderator

9:35 - 9:50 A. Hall:
What is the overall Division of Fish and Wildlife role, at the various professional levels. Present and future program.

9:50 - 10:10 J. Wilson:
What is the overall role of the Regional Director in determining Regional programs with emphasis on Fish and Wildlife programs.

10:10 - 10:30 H. Doig:
What is the Wildlife Management Program, including management, research and other units and bureau responsibilities?

10:30 - 10:50 G. Parker:
What is the Fish Management Program including management, research and propagation and other bureau units responsibilities?

10:50 - 11:10 A. Eimer:
What are the academic programs and responsibilities to the student and Department and special values the University might undertake? *notes*

11:10 - 11:50 R. Barry:
Questions from the floor

Page 3
Proposed Agenda

11:50 - 12 noon Wrap up - R. Parry

12 noon Adjournment



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

4 November 1971

Dear Chapter Member:

The purpose of this communication is to notify the membership about tentative program plans and the "unconfirmed" January 14-15 dates for a combined meeting with the Wildlife Chapter at Syracuse. The late scheduling of the annual meeting is basically a concession to the Wildlifer's. Big game season terminates December 7 which makes the following weekend, December 10-11, the only logical choice in December. It is too soon after a long hunting season and also too close to Christmas, therefore, the delay to January.

Program Chairman Bill Pearce has come up with a timely agenda and is busy contacting the prospective speakers and panelists. A tentative outline of the suggested program follows:

Friday, January 14

General Theme: "How does Fish and Wildlife fit into the New York State Department of Environmental Conservation?"

10:00 a.m. - Registration
12:00 noon - Lunch
1:00 p.m. - Program as related to Fish & Wildlife
Speaker: Comm. H. Diamond

New Regional Structure

1:55 p.m. - Speaker: Dept. Comm. D. Metzler
2:20 p.m. - Speaker: Dept. Comm. E. Legg

Outsider's Thinking

3:00 p.m. - Speaker: C. Heacox - Natural Res. Consultant
3:30 p.m. - Speaker: R. Ficher - Respresenting non-consumptive element of public.

Summarization

4:00 p.m. - Speaker: Comm. H. Diamond

Supper

8:00 p.m. - Chapter Business Meeting

Saturday, January 15

General Theme: "What role does the resource manager have in actually setting goals?"



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

Page -2-

9:00 a.m. - Panel Discussion
Moderator: Dr. W. M. Lawrence, Dept. Comm. of F&W

Panelists: A. G. Hall, Director, Division of F&W
H. E. Doig, Chief, Bureau of Wildlife
C. E. Parker, Chief, Bureau of Fish
G. Humphreys, Regional Director
Dr. R. Chambers, Syracuse University

12:00 noon - Adjournment

You will hear from me again prior to the actual meeting when I will notify you of the specific meeting place and confirmed dates. You will also receive a message from our Chapter President, Robert Griffiths, along with a finalized agenda.

Sincerely yours,

Martin H. Pfeiffer

MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society
Dept of Environmental Conservation
Ray Brook, New York 12977

MHP:vs

4 November 1971

Dear Chapter Member:

The purpose of this communication is to notify the membership about tentative program plans and the "unconfirmed" January 14-15 dates for a combined meeting with the Wildlife Chapter at Syracuse. The late scheduling of the annual meeting is basically a concession to the Wildlifer's. Big game season terminates December 7 which makes the following weekend, December 10-11, the only logical choice in December. It is too soon after a long hunting season and also too close to Christmas, therefore, the delay to January.

Program Chairman Bill Pearce has come up with a timely agenda and is busy contacting the prospective speakers and panelists. A tentative outline of the suggested program follows:

Friday, January 14

General Theme: "How does Fish and Wildlife fit into the New York State Department of Environmental Conservation?"

10:00 a.m. - Registration
12:00 noon - Lunch
1:00 p.m. - Program as related to Fish & Wildlife
Speaker: Comm. H. Diamond

New Regional Structure

1:55 p.m. - Speaker: Dept. Comm. D. Metzler
2:20 p.m. - Speaker: Dept. Comm. E. Legg

Outsider's Thinking

3:00 p.m. - Speaker: C. Heacock - Natural Res. Consultant
3:30 p.m. - Speaker: R. Fisher - Representing non-consumptive element of public.

Summarization

4:00 p.m. - Speaker: Comm. H. Diamond

Supper

8:00 p.m. - Chapter Business Meeting

Saturday, January 15

General Theme: "What role does the resource manager have in actually setting goals?"

Dept of Environmental Conservation
Ray Brook, New York 12977

Page -2-

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MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society
Dept of Environmental Conservation
Ray Brook, New York 12977

MHP:vs

M E M O R A N D U M

October 27, 1971

To: Martin Pfeiffer

Subject: Annual Meeting - NYS Chapter of A.F.S.

A couple of recent inquires concerning our meeting date reminds me that we ought to notify the membership about tentative program plans and the "unconfirmed" January 14-15 dates for a meeting in Syracuse.

If you want to include any reasons, it is basically accommodation for Wildlifer's. Big game hunting end December 7 which makes the following weekend December 10-11 the only choice in December. It is too soon after a long hunting season and to near to Christmas, therefore the delay to January.

RHG:mf

Bob
Robert H. Griffiths; President
NYS Chapter of A.F.S.

*check with R.G.
re "place"*



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

July 14, 1971

Mr. Terry L. Moore, Chairman
Wildlife Program Committee
409 Exchange National Bank Bldg.
Olean, New York 14760

Dear Terry:

Thanks for the copy of your letter to John Kruzan. I presume the P.S. note concerning canvassing of proposed speakers for the joint program was intended for me.

I will ponder over the proposed speaker list that we made in Syracuse in June, and send you a copy of suggestions for who should contact each individual. Hopefully, I will get this out of the way in the next couple of weeks, and contacts can be made as soon as possible. If we get any refusals, this will allow for substitutes.

Also, thanks for a copy of Bruce Wilkinson's letter concerning his objections to the proposed program. I was surprised we did not get more objections from that general area. I appreciate the academicians' abhorrence to plebian activities such as working for a department and the general public at the same time without the freedom to choose your activities. Unfortunately, probably 90%+ of the people working in Conservation today fall into the "Plebian Category." I would think it would be of extreme value to the academic world to understand, as fully as possible, what will be expected of their students when they turn them loose to work for various State and Federal agencies. I am also sure the student would appreciate knowing what is expected of him.

From what I have seen in other States, as well as the Federal government and Canadian provinces, the changes that are taking place in New York are also taking place elsewhere or soon will take place. It is a new world and we Fish and Wildlife: had better damn well learn how to survive to the best of our ability in it. Otherwise we are going to be left behind.

Sincerely,


Bill Pearce

BP:bg

cc: R. Griffiths
B. Griffin
C. Wilmere

M. Pfeiffer ✓
Don DeLorent

June 17, 1971

**Mr. Clifford Crouch
Fish Manager
Region 3, Fisher Avenue
P.O. Box 1169
Cortland, New York 13045**

Dear Cliff:

Yesterday we held a joint program committee meeting between the New York Fish and Wildlife staffs of our representative societies. One of the problems that came up was that we have no local (Syracuse area) fish representative to work on the Fisheries Committee.

Would you or Randy join our committee? We are in dire need of a fish representative to work with Paul Kelsey, who will chair the subcommittee for selecting the motel in the Syracuse area to hold the meeting. I would appreciate it very much if either you or Randy could work with Paul. Previously, Dick Dumas handled the fisheries part of the arrangements, but Dick is now working in the Chautauque area.

The following are points that Paul and whoever will help him needs to know:

- (1) Bob Chambers will be asked to be part of the Committee. He is at Syracuse University and would make a good man to work through because of his location in Syracuse.**
- (2) Paul Kelsey will be the Chairman, as mentioned above.**
- (3) We expect a minimum of 50 over-night guests to stay at the motel. There may be more, as Wildlife chapters have not canvassed for possible attendance.**
- (4) Dates: January 14 and 15. Time: Registration is Friday morning, January 14; Meeting: 1 p.m. January 14 through noon, January 15.**
- (5) Meeting rooms: One meeting room capable of holding 100 plus or minus Friday afternoon and Saturday morning. Then, two rooms or a division with a single room for a business meeting Friday evening.**
- (6) There will be no banquet Friday evening.**
- (7) Agenda: The proposed program will be forwarded to you after it has been reviewed by the Executive Committee.**

Mr. Clifford Creech
Page 2
June 17, 1971

Possibly you, Paul or Bob could start canvassing potential meeting places. Almost surely, the State will not pick up any of the tab. Therefore, whatever special rates you might be able to get would be helpful to all concerned.

Kindly let me know if you or Sandy will work with Kelsey on this chore.

Thanks.

Bill
William A. Pearce
Station Director
Cape Vincent Fisheries Station

WAP:tg

cc: Terry Moore
Carl Widmore
Martin Pfeiffer ✓
Paul Kelsey
R. Griffith
Brad Griffin
Don Behrent

MEMORANDUM

6 April 1971

TO: Robert Griffiths

FROM: Martin Pfeiffer

SUBJECT: Copies of Material Submitted by Bill Pearce

Enclosed herewith is a copy of the minutes of a Program Committee meeting and a questionnaire regarding the anticipated joint Chapter meeting in December. Bill Pearce has asked me to distribute this material to the membership but our office lacks a copying machine and having it done in town would be excessively expensive. Thus, could you please have approximately 70 sets of this material duplicated in the Albany Office and return them to me for mailing. Our present paid membership amounts ~~to~~ 59 souls and our checking account balance contains \$592.00. *To*

MARTIN H. PFRIFFER
Regional Fisheries Manager
Region 5
Ray Brook, New York 12977

MHP:vs

encs.
cc. B. Pearce

M E M O R A N D U M

April 1, 1971

TO: M. Pheiffer

RE: 1971 NYS Joint Chapter Meeting - Program

Enclosed is a copy of the "minutes" of our first meeting as well as miscellaneous correspondence.

In addition, I have enclosed a copy of a questionnaire on possible attendance.

Would you send this to all fish chapter members. The wildlifera will take care of their own. I suggest you mail them to the offices where possible and put all copies in one envelope with member's name. This should save postage.

Bill

William A. Pearce
Program Committee Chairman
NYS Chapt. - AFS

WAP/sac

Encls.

CC: T. Moore
R. Griffith

M E M O R A N D U M

April 1, 1971

TO: Carl Widmer

RE: Chapter Program Committee

Enclosed is a memo showing what we covered at the initial meeting of the two committee chairmen and executive committee representatives in Syracuse March 31.

I suggested to Terry that you could act as my proxy (if you would) in order to make the operation more efficient. He will try and appoint someone from Watertown to work with me as his proxy.

Once the theme is selected by the executive committee (after we have made recommendations) we can get down to specifics.

Hope you will accept the "proxy" job.



William A. Pearce
Program Committee Chairman
NYS Chapter - AFS

WAP/sac

CC: M. Pheiffer ✓

MEMORANDUM

April 1, 1971

TO: Terry Moore
RE: Proposed Program - F & W Chapter

Attached is a copy of the memo we roughed out yesterday. Would you have copies made for your committee. We do not have copying facilities at this Station.



William A. Pearce
Program Committee Chairman
NYS Chapter - AFS

WAP/sac
Attachment

CC: M. Pfeiffer ✓
R. Griffiths

P.S. Let me know what about a committee member contact in the Watertown area. I have asked Carl to be my proxy with you.

M E M O R A N D U M

April 1, 1971

TO: Joint N.Y.S. Chapter F & W Society Program Committee
RE: Joint Annual Meeting - Program Conference

ATTENDEES: D. Behrend
T. Moore
H. Loeb
W. Pearce

The above men met to initiate program proposals for the 1971 Joint Annual Meeting. The following subjects were covered and are submitted for your comments and suggestions.

PLACE: Syracuse
DATE: December 3 - 4, 1971 (Friday and Saturday)

Registration - Friday a.m.
Meeting - Friday 1:00 - 4:30 p.m.
Saturday - 9:00 a.m. - 1:00 p.m.
Business Meetings - Friday 8:00 - 10:00 p.m.

Inasmuch as last year's theme was a workshop-type technical program, a generalized program was suggested for 1971.

PROPOSED THEMES

1. What role does the resource manager play in setting and implementing goals? (Who actually does determine our resource management?)
2. Department of Environmental Conservation - how does it operate? Where does fish and wildlife fit in the overall program?
3. Everyday written communication:
 - (a). How to write general letters, memos, reports (scientific writing will be excluded).
 - (b). Planning - who, how, when, where.
4. Education:
 - (a). The role higher educational institutions play in today's resource management.

MISCELLANEOUS ITEMS COVERED AT THE MEETING

1. Need for Statewide publicity of the meeting.
2. Possibility of filming and taping the program for use with the public if the chosen theme is acceptable.
3. Will the State pickup any expense?
4. How many will attend if the State does not pickup expense?
5. Moore and Pearce will request their chapter secretaries to send a questionnaire on who plans on attending.

Please look this over and send comments to Moore and Pearce by April 15, 1971. When we have decided upon a theme you will be called upon for specific assignments.

Thank you,

William A. Pearce
Chairman
FISH CHAPTER

T. L. Moore
Chairman
WILDLIFE CHAPTER

STATE UNIVERSITY COLLEGE OF FORESTRY
AT SYRACUSE UNIVERSITY



THE ARCHER AND ANNA
HUNTINGTON WILDLIFE FOREST STATION
NEWCOMB, NEW YORK 12852

New York Chapter
The Wildlife Society

March 9, 1971

MEMO TO: Messrs. Griffis, Leab and Pearce, A.F.S.; and
Forbes and Moore, T.W.S.

FROM: D. F. Behrend

The concensus is that we should meet soon to initiate formal planning for the joint December meeting. Accordingly, please plan to meet at 1:30 PM in Room 241, Illick Hall, on the campus of the State University College of Forestry at Syracuse University.

As the result of informal discussions with Bill Pearce and Jim Forbes at Grossinger's, I have communicated the following to the Wildlife Chapter's Executive Committee:

What should be the theme of the program for the annual (December) meeting? (My suggestion is that we consider the role of the professional in resources management, especially as regards the distinction between setting goals and implementing them. Such a program would be most meaningful if specific examples were employed, eg., deer management and salmonid management in New York.)

I expect to have our Executive Committee's reaction to this well before March 31.

I look forward to seeing you in Syracuse on the 31st.

cc: P. Neff
M. Peiffer

Walter
For your info and file.

Jan

2:00 p.m. - 3:30 p.m. - PANEL RESPONSE

Moderator - DR. DWIGHT T. WEBSTER, Department of Conservation at Cornell
Panel Members - MRS. THOMAS WALLER, Conservationist
MR. A. C. ADDISON, NYS Soil Conservationist
HONORABLE CLARENCE LANE, NYS Assembly

3:30 p.m. - 4:30 p.m. - DISCUSSION AND QUESTIONS

6:30 p.m. - 7:30 p.m. - SOCIAL HOUR SPONSORED BY GROSSINGER'S

7:30 p.m. - BANQUET

10:00 p.m. - ENTERTAINMENT

FRIDAY, February 26

8:00 a.m. - BREAKFAST

9:00 a.m. - 9:30 a.m. - "Law as the Foundation for Decision Making"
VICTOR J. YANNACONE, JR., ATTORNEY AND
COUNSELOR AT LAW

9:30 a.m. - 10:30 a.m. - PANEL RESPONSE

Moderators - MR. S. JAMES MATTHEWS, Attorney and Counselor at Law
Panel Members - MR. ROBERT HUTTON, American Fisheries Society
MR. HARDIN GLASCOCK, Society of American Foresters
MR. H. WAYNE PRITCHARD, Soil Conservation Society
MR. FRED EVENDEN, The Wildlife Society

10:30 a.m. - 11:00 a.m. - BREAK

11:00 a.m. - 12:00 Noon - DISCUSSION AND QUESTIONS

12:30 p.m. - LUNCH

1:30 p.m. - ADJOURN

NATURAL RESOURCES CONFERENCE

THEME: POLITICS AND THE ENVIRONMENT

TIME: FEBRUARY 24, 25, and 26, 1971

PLACE: GROSSINGER'S, GROSSINGER, NEW YORK

SPONSORED BY: NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY
NEW YORK SECTION - SOCIETY OF AMERICAN FORESTERS
NEW YORK SECTION - SOIL CONSERVATION SOCIETY
NEW YORK CHAPTER - THE WILDLIFE SOCIETY

WEDNESDAY, February 24

12:00 Noon - on - REGISTRATION
2:00 p.m. - 4:00 p.m. - INDIVIDUAL CHAPTER & SECTION BUSINESS MEETINGS
7:30 p.m. - DINNER

THURSDAY, February 25

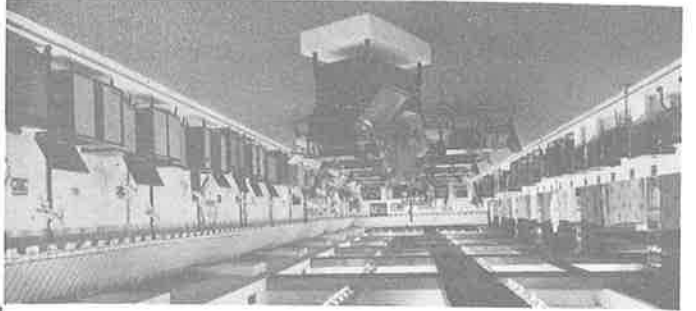
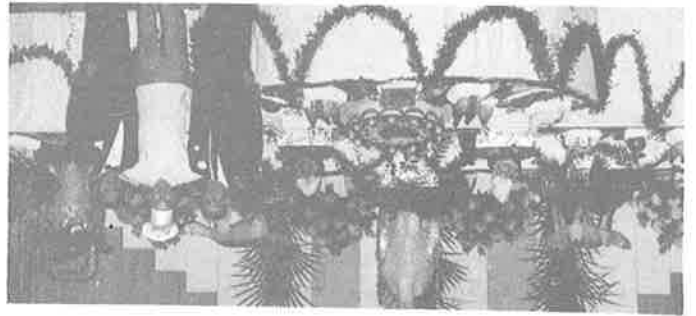
8:00 a.m. - BREAKFAST
9:00 a.m. - 9:30 a.m. - "A Wholesome Environment = Systems Approach + Good Politics"
HONORABLE JOHN D. DINGELL, U. S. CONGRESSMAN,
15th DISTRICT, MICHIGAN
9:30 a.m. - 10:30 a.m. - PANEL RESPONSE
Moderator - DR. EDWARD PALMER, NYS School of Forestry at Syracuse
Panel Members - RICHARD STROUD, Sports Fishing Institute
BENJAMIN NASON, Forest and Park Association
JEROME KRETCHMER, N.Y.C. Environmental Protection Administration
10:30 a.m. - 11:00 a.m. - BREAK
11:00 a.m. - 12:00 Noon - DISCUSSION AND QUESTIONS
12:00 Noon - 1:30 p.m. - LUNCH
1:30 p.m. - 2:00 p.m. - "What's New In New York?"
The Organization and Goals of N.Y.S.D.E.C.
HONORABLE HENRY L. DIAMOND, COMMISSIONER,
N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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and Out

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 N. Y. Section - Soil Conservation Society of America
 N. Y. Chapter - American Fisheries Society
 N. Y. Chapter - The Wildlife Society

I will room with _____
 Check () if student

NAME _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 HOME PHONE _____ BUSINESS PHONE _____
 ARRIVAL DATE _____ DEPARTURE DATE _____
 ORGANIZATION AFFILIATION: _____

Mail this form to GROSSINGER'S, Grossinger, New York, 12734.
 THE N. Y. NATURAL RESOURCES CONFERENCE
 WEDNESDAY, FEBRUARY 24 to FRIDAY, FEBRUARY 26, 1971

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N. Y. S. DEPT. OF ENVIRONMENTAL CONSERVATION
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JAN 3 1972
REGIONAL SUPERVISOR
REGION 5

M E M O R A N D U M

December 30, 1971

TO: H. Loeb, M. Pfeiffer, W. Pearce, P. Neth

SUBJECT: Executive Committee Meeting - N.Y. Chapter of A.F.S.

With Martin's compliance I am scheduling a meeting for 1:30 P.M. Wednesday January 5 in the Albany office 5th floor conference room.

I would like to be sure we have our business meeting agenda in order and that nothing relative to the January 14-15 conference has been overlooked, etc.

Robert H. Griffiths
Robert H. Griffiths
President New York Chapter
American Fisheries Society

RHG/cvb

BRING

SECRETARIAL
FILE



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

MINUTES OF NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
EXECUTIVE COMMITTEE MEETING
SARANAC LAKE, NEW YORK - OCTOBER 7, 1971.

A meeting of the Executive Committee was held at the Lakeside Motel, Saranac Lake, New York. President Griffiths called the meeting to order at 8:30 p.m. In attendance were Robert Griffiths, Howard Loeb, Martin Pfeiffer, Paul Neth, William Pearce and Neil Ehlinger.

The first topic of discussion was the proposed annual meeting at Syracuse scheduled to take place on January 14 and 15, 1972. The theme of the meeting is to be: "How does Fish and Wildlife fit into the new New York State Department of Environmental Conservation?" Program Chairman Pearce indicated that he had received only twenty positive returns from Fisheries people since it appears very likely that the State will not provide any financial support. The total combined attendance was not expected to exceed seventy-five persons. An outline of the suggested program and speakers follows:

Friday, January 14

10:00 a.m. - Registration
12:00 noon - Lunch
1:00 p.m. - Comm Diamond - 20 minutes

Program as related to F & W.

1:55 p.m. - Comm Metzler - Quality Services
2:20 p.m. - Comm Legg - Field Services

New Regional Structure

3:00 p.m. - C. Heacox - Natural Resource Consultant
Tie in outsider's thinking.
3:30 p.m. - Possibly R. Ficher - representing non-consumptive element of public.
4:00 p.m. - Comm Diamond - wrap up

Supper

8:00 p.m. - Chapter Business Meeting



Saturday, January 15

General Theme: "What role does the resource manager have in actually setting goals?"

PANEL DISCUSSION

Moderator: W. M. Lawrence
A. Hall
H. Doig
C. Parker
R. Chambers
G. Humphreys (People's problems)

NOON -- Adjournment

Pearce, Behrens and Moore will make contacts for speakers

The second topic under discussion related to the Fisheries film which is scheduled for completion in the Summer of 1972. Chairman Simkins indicated that the film crew was making good progress but that we required additional funds, amounting to at least \$2400.00, prior to completion. Treasurer Pfeiffer reported that the special movie fund monies received to date amounted to \$3,250.00, but that an additional \$750.00 had been promised by SFI. Chairman Simkins indicated that the State Council might contribute additional funds as well. All members are urged to solicit financial help. Tackle manufacturers and The Izaak Walton League were suggested as possible new sources.

A corrected Treasurer's report reveals that we presently have \$1183.36 in our Savings Account and \$600.85 in our Checking Account for a total of \$1784.21. The Savings Account segment can be considered earmarked for film expenses.

The final topic concerned possible Chapter representation at the forthcoming May meeting of the NE Division to be held at Ellenville. A variety of suggestions included: Setting up a booth,



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

- Page 3 -

sponsoring a "Happy Hour", showing a color slide or short film sequence. Loeb was designated as Chairman of a Committee assigned to develop a specific plan of action along this line.

The meeting was adjourned at 11:00 p.m.

Respectfully submitted,

Martin Pfeiffer

MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society

cc. R. Griffiths
H. Loeb
P. Neth
W. Pearce
S. Simkins

W. Puffer

Program Committee Personnel: F & W Chapter

W. A. Pearce, Fish Chairman

Proposed Changes in Annual Meeting Panelists

October 8, 1971

On the evening of October 7, 1971 the Executive Committee of the Fisheries Chapter met. A primary objective was a review of the proposed joint annual meeting agenda and participants.

Acceptance of the agenda was unanimous. It was thought the subject was even more appropriate now than when originally proposed.

There was unanimous opinion that the suggested participants should be changed on the Saturday morning program due to many changes in departmental assignments, etc., since our original proposals. The following panelists have been suggested by the Fisheries Executive Committee for consideration and hopeful endorsement.

Moderator: Dep. Commissioner of F & W
DR. W. M. Lawrence

Panelists: Director A. G. Hall
Bureau of Game Chief, H. E. Doig
Bureau of Fish Chief, C. E. Parker
Regional Director G. Humphreys
Dr. Robert Chambers, Syracuse

There was very serious discussion involved with the suggested changes. The primary reasons for the suggestions other than the changes of responsibilities of some of the original proposed panelists were:

1. To more thoroughly include the major units of the department relating to fish and wildlife management. Hence Dr. Lawrence.
2. Include at least one major representative from the metropolitan area. Hence Regional Director Humphreys.
3. Have academic representation on the program from both Cornell and Syracuse. Hence Dr. Chambers.
4. No duplication of representation. Hence Mr. Perry and Wilson were dropped in place of a regional director from the metropolitan area.

The suggestions are good ones and I would recommend acceptance. Once proposed panelists have been agreed upon, contact must be made with them. Terry and I can split up contact responsibilities. If any of you have a particular panelist you would like to contact personally let Terry and I know.

Page 2
October 8, 1971

I am sure you appreciate the urgency of the situation. January is not too far off. Therefore, your comments should be sent to your respective Program Chairman by October 20.

William A. Pearce
Fish Chairman
New York Chapter
American Fisheries Society

WAP:by

1971 FINANCIAL SUMMARY N.Y. CHAPTER AM-FISH SOC.

Martin Pfeiffer

MOVIE EXPENSES

UP TO: 1/13/72

DATE { \$ 20.10
 4/7 { 20.10
 { 20.10
 { 20.10
 { 20.10
 { 39.24

4/19 130.19

6/1 { 212.91
 { 172.93

6/4 { 70.30
 { 339.33

9/1 { 403.09
 { 262.30

9/24 367.22

10/12 { 233.42
 { 100.10
 { 40.10

11/19 { 511.51
 { 59.96

12/20 154.06

RECEIPTS (MOVIE FUND)

YEAR AMOUNT

1970 \$ 800.00

1971 \$ 3200.00

1972 \$ 1000.00 (up to 1/13/72)

TOTAL \$ 5000.00

\$ 5000.00 earmarked for MOVIE
 3197.16 disbursements for MOVIE
 \$ 1802.84 remaining MOVIE FUND

as of: Feb 29 1972

2/29/72 Bank account on hand \$ 2064.11

2/29/72 Checking account on hand \$ 521.54
 closed both accounts 2/29/72

made out checks for above
 sums to Russell Fieldhouse

bring ten box



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

CONSERVATION DEPARTMENT
RECEIVED

DEC 21 1970

REGIONAL SUPERVISOR
REGION 8

December 18, 1970

Howard Loeb
Martin Pfeiffer ✓
Paul Neth

**Executive Board Meeting - New York State Chapter
of the American Fisheries Society**

Several items of Chapter business need our prompt attention. I would like to schedule a meeting for Wednesday afternoon, January 6, at my home in Voorheesville. A cheery fire in my Franklin stove should be conducive to clear and sharp thinking.

The National Resource Conference meeting, planned for February 25-27 at Grossinger's, is still schedule despite general concern for the Department austerity program. There will be time provided at this conference for a business meeting, and it is the opinion of at least one of our chapter members that we should attempt to modify our by-laws at this time to conform with the American Fisheries Society decision that our affiliate membership clause is not acceptable.

We must also select people for standing committee chairmanships. The real key to the success we, as an organization, have enjoyed these past years has been heavily dependant on the work done by our standing committees; particularly the program committee. We must select and convince the pool devil who agrees to chair this committee that he is the key cog in our program wheel.

See you for lunch here in the Albany Office on January 6. We will leave from lunch for my home and a busy afternoon. Hope promises food and drink when our business is finished. Martin, we no longer have childhood diseases and I therefore hope you will dare spend the night with us.

Robert H. Griffiths

Robert H. Griffiths
President

↑ Bob Griffith's Residence

N. Y. STATE CHAPTER - AMERICAN FISHERIES SOCIETY

Executive Committee Meeting

1/6/70 R. Griffiths - H. Loeb - M. Pfeiffer - P. Neth

Tentative Agenda:-

I Natural Resources Conference at Grossingers Motels (student rates) J
 on February 24 - 26 4 SPONSORS INC SCS 9 3 SOCIETIES FISH WILDLIFE FORESTRY
 John Gould Chairman of Program
 Business Meeting Wednesday PM ? membership to vote
 Chapter Support of Conference
 Letter to Membership LETTER TO MEMBERSHIP TO STIMULATE ATTENDANCE INCL. PROGRAM
 Jim Lindsey "by-laws" proposal

II Committee Assignments

Standing: P. Griffin H. Posten T. McCARTNEY T. Eckert E. Haig C. Widner U. Stone N. Ehlinger W. Keller A. Jensen (Adv.) R. Brewer Gene Lane

Program
 Where - when - joint ? Jon Lebrend Wildlife → W. Pearce
 Single Conference Chairman CHAIRMAN
 Theme - suggestions - see Remote sensing
 minutes of 2/26/70 meeting Sam Finkelstein W. White Ron Greene Tom Bonaface Al. Jensen

Prof. Standards S. Simkins D. Webster L. Blake
 Auditing P. Briggs W. Kelly C. Creech
 Resolutions A. Eipper G. Danskun R. Tuttle
 Membership (application & card) H. Loeb R. Maynard B. Jackson S. Morrison
 Nominating D. Plosila, A. Petty, N. Holmes
 ARRANGEMENTS: D. Dumas, J. BRAND, D. BOUTON

Ad Hoc:

By-laws R. Schoefer, W. Nurawski
 See minutes of December, 1970 meeting
 Lindsey, Webster memos

Program printed certificate
 Publicity B. VanWic R. Warner W. Youngs Bill Miller J. Letendre
 Awards C. Parker W. Shepard R. Noble J. Poole
 See Pasko report

design certificate to be signed by chart pres. part pres. &
 Heraldic Bill McGregor M. Pfeiffer
 Pins ?
 Licensing J. Gould B. Harding J. Lindsey
 See minutes of December, 1970

III Treasury Solicit dues for 1971 (incl. with letter re Nat. Res. Conf. at Grossingers
 Balance
 Dues - 1971 Membership Howard Loeb chairman of membership comm.

IV Summer Meeting dunning slip bottom part of letter

V Followed by mailing of membership cards

**MINUTES OF ANNUAL MEETING
NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY
SYRACUSE, NEW YORK - JANUARY 14, 1972.**

1. President Robert Griffiths called the meeting to order at 8:00 p.m.
2. A membership count indicated that a quorum was present. Miss Johanna M. Reinhart, recently appointed Assistant Executive Secretary-Editor of the American Fisheries Society, was introduced.
3. The minutes of the previous annual meeting, of December 4, 1970, were adopted as read.
4. Secretary-Treasurer Martin H. Pfeiffer, presented his report. Balance on hand, as of January 14, 1972, was \$2447.71. Of this, \$1802.84 was specifically earmarked for the movie fund. The incoming Secretary-Treasurer was urged to set up a completely separate account for the movie fund to avoid fiscal confusion. The Treasurer's report was approved by the membership.
5. Report of Committees
 - a. Philip Briggs, Chairman of the Audit Committee, reported that the Treasurer's records were examined and found to be in order. The auditor's report was accepted as read.
 - b. William Pearce, Chairman of the Program Committee, was congratulated by President Griffiths for a good program. Bill credited many people for their help but suggested that there be only one Program Committee Chairman next year. It was also brought out that more specific and informative material should be incorporated in future programs.
 - c. Chairman of the Membership Committee, Howard Loeb, reported that the problem of affiliate or associate membership had not been settled. There were only 76 paid members this past year in contrast to a high of 114 in 1970. He suggested that our membership drive should enlist technicians and Federal employees.
 - d. Stephen Siskins, Chairman of the Professional Standards Committee, reported on the progress of the career film. Completion date is now anticipated to be September 1972, in time for the State Council meeting. Due to unforeseen price increases by film processors, the final cost of the movie is anticipated at \$7160.00. Additional funds are urgently requested. A motion was adopted to have our New York Chapter donate an extra \$300.00 to this cause. Dr. David Henselman, of the Syracuse University College of Forestry staff, was introduced as the Producer-Director of the film and he predicted that it would enjoy great popularity. Chairman Siskins thanked the other committee members for their help and cooperation.

- e. Al Ripper, Chairman of the Resolutions Committee, introduced the rephrased resolution on pesticides. A sample draft copy had previously been sent out to the membership for comments but only five replies were forthcoming. Following considerable discussion, the motion to adopt the resolution was defeated by a vote of 26 to 10. President Griffiths suggested that a possible new, revised, resolution along this line might be appropriate.
- f. John Gould, Chairman of the Licensing Committee, was not present at the meeting but had written that his Committee had been inactive. It was suggested that the next Chairman should continue to pursue professional certification for aquatic biologists. The final decision would rest with the State Board of Regents and the Education Department.
- g. By-law Committee Chairman Dick Schaefer read a summary of replies from 14, out of State, Chapters regarding affiliate or associate membership. Every Chapter felt somewhat differently, but at least seven Chapters were interested in this concept. Evidently the State of Missouri already has an affiliate membership category, without voting privileges, which has the blessing of the parent society. A motion was made and approved to have the By-law Committee follow up on this subject.
- h. Carl Barker, Chairman of the Awards Committee, reported that his committee had been inactive but that he would accept the chairmanship for next year.
- i. Heraldia Committee Chairman, Bill MacGregor, was not present and his committee was also inactive this past year.
- j. Bob VanWick, Chairman of the Publicity Committee, reported that he had lined up limited television and newspaper publicity for this conference.

6. Old Business

Bill Pearce reported that the February Natural Resources Conference at Grossingers was a very successful meeting, highlighted by a speech by Congressman John Dingell. Unfortunately, fisheries attendance was very low.

7. New Business

- a. The NE Division meeting of the AFS is scheduled to be held May 14-17, 1972 at the Novels Country Club in Milanville, New York. Bill Flich is program chairman and our Chapter is to appoint a committee to determine what we can contribute. Obvious suggestions included a fisheries display and a happy hour.

- b. A motion was approved that the new President appoint a Chapter Historian to make up a historical report.
8. Dan Plosila, Chairman of the Nominating Committee, presented the following slate: President-Howard Loeb; Vice President-Stephen Simkins; Secretary-Treasurer-Russell Fieldhouse. There was one nomination from the floor suggesting Martin Pfeiffer for Vice President. However, a paper ballot confirmed the original selection for this post.
9. Retiring President Griffiths thanked the membership for their past co-operation. Newly elected President Loeb's closing remarks included the sincere wish that the people who have left the fisheries field for the new Regulations Unit will hopefully not lose interest in the Chapter.
10. The meeting was adjourned at 10:30 p.m.

Respectfully submitted,

MARTIN H. PFEIFFER
Secretary-Treasurer

**MINUTES OF ANNUAL MEETING
NEW YORK CHAPTER, AMERICAN FISHERIES SOCIETY
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 - b. William Peeros, Chairman of the Program Committee, was congratulated by President Griffiths for a good program. Bill credited many people for their help but suggested that there be only one Program Committee Chairman next year. It was also brought out that more specific and informative material should be incorporated in future programs.
 - c. Chairman of the Membership Committee, Howard Leub, reported that the problem of affiliate or associate membership had not been settled. There were only 76 paid members this past year in contrast to a high of 114 in 1970. He suggested that our membership drive should enlist technicians and Federal employees.
 - d. Stephen Simkins, Chairman of the Professional Standards Committee, reported on the progress of the career film. Completion date is now anticipated to be September 1972, in time for the State Council meeting. Due to unforeseen price increases by film processors, the final cost of the movie is anticipated at \$7160.00. Additional funds are urgently requested. A motion was adopted to have our New York Chapter donate an extra \$200.00 to this cause. Dr. David Hanesiman, of the Syracuse University College of Forestry staff, was introduced as the Producer-Director of the film and he predicted that it would enjoy great popularity. Chairman Simkins thanked the other committee members for their help and cooperation.

- e. Al Kipper, Chairman of the Resolutions Committee, introduced the rephrased resolution on pesticides. A sample draft copy had previously been sent out to the membership for comments but only five replies were forthcoming. Following considerable discussion, the motion to adopt the resolution was defeated by a vote of 26 to 10. President Griffiths suggested that a possible new, revised, resolution along this line might be appropriate.
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7. New Business

- a. The NE Division meeting of the AFS is scheduled to be held May 14-17, 1972 at the Novele Country Club in Ellenville, New York. Bill Flick is program chairman and our Chapter is to appoint a committee to determine what we can contribute. Obvious suggestions included a fisheries display and a happy hour.

- b. A motion was approved that the new President appoint a Chapter Historian to make up a historical report.
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10. The meeting was adjourned at 10:30 p.m.

Respectfully submitted,

MARTIN H. PFEIFFER
Secretary-Treasurer

P.Y. NEW YORK CHAPTER

AMERICAN FISHERIES SOCIETY

COMBINED 1970 AND 1971 MEMBERSHIP LIST

(AS OF DECEMBER 20 1971)

76 paid members
53 unpaid
129 TOTAL

* = 1971 dues paid up (A) = Parent Society member

x = 1972 dues paid up

* AZZINARO, DR. WILLIAM P., 111 NATHAN DR., BOHEMIA N.Y. 11716 (A)

BECKETT, GORDON, PO BOX J, CORNWALL N.Y. 12518 *

BAUER, ROBERT, 71 SOUTHWOOD DRIVE, WEST SENECA, N.Y. 14224

BENOIT, PAUL J., R.D. 3, BALLSTON SPA., N.Y. 12020

BENTLEY, WILLIAM G., R.D. 1, SLINGERLANDS, N.Y. 12159 (A)

BLAKE, LEIGH M., PO BOX 84, WATERTOWN, N.Y. 13601 (A) *

* BONAVIST, ANTHONY J., BOX 555 A, R.D. 2, NEW PALTZ, N.Y. 12561 (A)

* BOWLER, DENNIS A., 8461 RIDGE RD., GASPORT, N.Y. 14067 (A)

* BREWER, ROBERT C., FRIENDS LAKE, CHESTER TOWN, N.Y. 12817

BRIGGS, PHILIP T., NYS CONS DEPT., SETAUKET, N.Y. 11733 (A) *

* BUFFINGTON, BURRELL, BOX 84, WATERTOWN, N.Y. 13601 (A) *

* BURDICK, GEORGE E., 68 ONTARIO ST., COHOES, N.Y. 12047 (A) *

~~CARLSON, CLARENCE A., 120 FERNOW HALL, CORNELL UNIV., ITHACA, N.Y. 14850~~

* COATES, CHRISTOPHER W., 587 THIRD ST., BROOKLYN, N.Y., 11215 (A)

* COLVIN, GORDON C., 865-135 A BROADWAY, HOLBROOK, N.Y. 11741 (A)

* CODPER, ALEXANDER L., 1011 GARSON AVE, ROCHESTER, N.Y. 14609 (A) *

* CORL, GLENN T., D.E.C., RAY BROOK N.Y., 12917

CORNELIUS, FLOYD C., BOX 194, GABRIELS, N.Y. 12939

* COULMAN, CLAUDE, ALDEN AVE., WARRENSBURG, N.Y., 12885

COUTU, JAMES, 322 TEN EYCK ST., WATERTOWN, N.Y. 13601

CREECH, CLIFFORD, R.D. 1, CINCINNATUS, N.Y., 13040

* DANSKIN, GEORGE A., Rt. 2, 555 A, ALBANY POST RD. NEW PALTZ, N.Y. 12561

* DEAN, HOWARD J., WESTERNVILLE, N.Y. 13486 (A) *

DIETSCH, ELI L., D.E.C., WOLF RD., ALBANY N.Y. 12201 (A)

DOCHTERMANN, GLENN A., RT. 82, BOX 255, HOPEWELL JCT. N.Y., 12533

DOIG, HERBERT E., 24 ANN DRIVE, SCHENECTADY, N.Y. 12303

* DOLESKI, STEVEN J., 201 N. 11TH ST., OLEAN, N.Y. 14760 (A)

ECKERT, THOMAS, BOX 43, CAPE VINCENT, N.Y. 13618 (A)

* EHLINGER, NEIL F., STATE FISH HATCHERY, ROME, N.Y. 13440 (A) *

EIPPER, ALFRED W., FERNOW HALL, CORNELL UNIV., ITHACA, N.Y. 14850 (A)

* ELLIOT, ARTHUR J., 140 BAY ST., GLENS FALLS, N.Y. 12801

* ELLIOT, WAYNE P., 6 ACADEMY ST., STAMFORD, N.Y. 12167

* ENGSTROM-~~HANS~~ HEG, ROBERT, DELHI STAGE, ONEONTA, N.Y. 13820 *

- * ESCHBACH, HERBERT H., LEEDSVILLE RD., AMENIA, N.Y. 12501 (A) *
- * EUSTANCE, WILLIAM E., 2434 RENO RD., CASTLETON, N.Y. 12033 (B) *
- * EVELEIGH, ROBERT J., BOX 203, CAPE VINCENT, N.Y. 13618
- * FAIRCHILD, ROBERT P., 319 HULBERT RD., SYRACUSE, N.Y. 13224 (A)
- * FIELDHOUSE, RUSSELL D., 4 LAKE ST., STAMFORD, N.Y. 12167 (A) *
- * FLICK, WILLIAM, PAUL SMITHS, N.Y., 12970 (A) *
- * FORNEY, JOHN L., CORNELL BIOL. FIELD STAT., RT 1, BRIDGEPORT, ^{N.Y.} 13030
- * GOULD, JOHN D., KIRKNER HILL, STAMFORD, N.Y. 12167 (A) *
- * GREEN, DAVID M. JR., RD 2, NEWFIELD, N.Y. 14867 (A) *
- * GREENE, ROBERT A., D.E.C., 21 SOUTH PUTT CORRS. RD, ^{NEW} PALTZ, N.Y. 12561 (A) *
- * GRIFFIN, BRADLEY L., 487 RINWOOD RD., RD 2, FREEVILLE, N.Y. 13068 (A)
- * GRIFFITHS, ROBERT H., RT. 2, VORHEESVILLE, N.Y. 12186 (A) *
- * GRIFFIN, PAUL J., CEDAR AVE., SCOTTSVILLE, N.Y. 14546 (A)
- * GRIM, JOHN, Northeastern Biologists, Inc., P.O. BOX 162, RHINEBECK, ^{N.Y.} 12572 (A)
- HALL, ALBERT G., 15 SO. DELAWARE ST., STAMFORD, N.Y., 12167 (A)
- * HATE, ROY L., 60 N. MORRIS AVE., FARMINGVILLE, N.Y. 11738
- * HARDING, ROBERT J., 333 NORTHWAY COURT, SARATOGA, N.Y. 12866 (A) *
- * HEACOX, CECIL E., TOWER HILL RD., WASSAIC, N.Y. 12592 (A)
- * HOLMES, EDWARD D., BOX 57, AVON, N.Y. 14414 (A) *
- * HUTCHINSON, BRENDA N P., 422 GENEVA ST., ITHACA, N.Y. 14850 (A)
- HUTTON, ROBERT F., 1040 WASHINGTON BLDG, WASHINGTON D.C., 20005 (A)
- * HUYSCK, DALE L., MCKENZIE RD. RD., SARANAC LAKE, N.Y. 12983 *
- HESS, LLOYD, PO BOX 46, SOUTH KORTRIGHT N.Y. 13842 *
- JACKSON, BONNIE, 3-C ALLEN DRIVE, SARATOGA SPRINGS, N.Y. 12866 (A)
- * JENSEN, ALBERT C., D.E.C., VETS. MEM. HIGHWAY, RONKONKOMA, N.Y. 11779 (A)
- * JOLLIFF, THOMAS M., D.E.C., CAPE VINCENT, N.Y. 13618 *
- KARDOS, LARRY P., FRONT ST, OLEAN N.Y. 14760 *
- KAHNLE, ANDREW W., COOP. FISH UNIT, UTAH STATE U., LOGAN, UTAH ⁸⁴³²¹ (A)
- KELLAR, ALFRED T., 18 REDWOOD RD., NEW HYDE PARK, N.Y 11040 (A)
- KELLER, WALTER T., 45 BAKER ST., SARANAC LAKE, N.Y., 12983 (A)
- * KELLY, WILLIAM H., BOX 204, DUBOIS ST., LIVINGSTON MANOR, N.Y. ¹²⁷⁵⁸ (A)
- * KIENBUSCH, C.O., 165 FRONT ST., NEW YORK, N.Y., 10038 (A)
- KING, RALPH D., BOX 57, AVON, N.Y. 14414
- KRUEL, DONALD, 102 FLOWER AVE., E. WATERTOWN, N.Y. 13601 (A)

- * SWETT, DAVID B. FERNOW HALL CORNELL U. ITHACA N.Y. 14850 *
- * SANFORD, DUDLEY K., R.D. DAVENPORT, N.Y. 13750 (A) *
- * SCHAEFER, RICHARD H., 127 CONNETQUOT RD., OAKSDALE, N.Y. 11769 (A) *
- * SCHOFIELD, CARL L., APT. M-16, 20 N. TRIPHAMMER RD., ITHACA N.Y. 14850 (A) *
- * SEELEY, GEORGE R., RD 2, GLOVERSVILLE, N.Y. 12078
- * SHEPHERD, WILLIAM F., HASKELL PK'WAY, OLEAN N.Y. 14760 (A) *
- * SIMKINS, STEPHEN, PAUL SMITHS, N.Y. 12970 (A) *
- * SKINNER, LAWRENCE C., WHITE CREEK RD., FRIENDSHIP, N.Y. 14739 (A) *
- * SMITH, CLARENCE L., 312 ANDERSON AVE., CLOSTER N.J. 07624 (A)
- * SMITH, EDWARD S., BOX 226, MAIN ST. CHAUNOYT, N.Y. 13622 *
- * SNYDER, ROBERT G., R.D. 1, STAFFORD, N.Y. 12167 (A) *
- * SPAZIANI, TERRY, 115 BOON ST., WATERTOWN, N.Y. 13601
- * SPODARYK, JOSEPH G., P.O. BOX 57, AVON, N.Y. 14414
- * STILES, EARL W., 50 WINTHROP AVE., ALBANY, N.Y. 12203 *
- * STONE, UDALL B., 303 TROY RD., ROCHESTER, N.Y. 14618 (A) *
- * SCHIAVONE, ALBERT J., 229 KEYES AVE. WATERTOWN N.Y. 13601 *
- * THORPE, DENNIS, BOX 57, AVON, N.Y. 14414 (A)
- * TUTTLE, L. RAY, LAKE CLEAR, N.Y., 12945 (A)
- * TARBLY, MARTIN, FERNOW HALL, CORNELL U. ITHACA N.Y. 14850 *
- * VAAS, RANDY, CARL-BERT FARM, FABRUS, N.Y. 13063 *
- * VAN VOLKENBURGH, PIETER, 464 GREENE AVE., SAYVILLE N.Y. 11782
- * VAN WIE, H. ROBERT, 14 GREENWOOD DR., BALSTON SPA, N.Y. 12020 *
- * WAKEFIELD, CARLTON, BOX 62, CASTORLAND, N.Y. 13620
- * VENO, ANTHONY S., 220 1/2, WEST FOREST AVE., OLEAN, N.Y. 14760
- * WILSON, DOUGLAS R., STAR ROUTE, WATERTOWN N.Y. 13601 *
- * WALKER, THOMAS M., N.Y. STATE FISH HATCHERY, GAUSEVORT, N.Y. 12831
- * WEBSTER, DWIGHT A., 400 E. UPLAND RD., ITHACA, N.Y. 14850 (A) *
- * WEDCE, LESLIE, 22 1/2 SPRING ST., MCGRAW, N.Y. 13101 *
- * WHITE, BRUCE D., D.E.C. RAY BROOK, N.Y. 12977 *
- * WHITE, WILLIAM B., D.E.C. RAY BROOK, N.Y. 12977
- * WIGH, KENNETH, 22 WASHINGTON AVE. COXSACKIE, N.Y. 12051 (A) *
- * WIDMER, CARL C., 737 SOUTH UNION, OLEAN N.Y., 14760 (A) *
- * WILLIAMS, VINCENT P., BOX 57, AVON, N.Y. 14414
- * WOHN SIEDLER, T.H., RFD 1, BOX 195, STONE RIDGE, N.Y. 12484 (A)
- YOUNG, CURTIS R., 504 S. CAYUGA ST., ITHACA, N.Y. 14850
- YOUNGS, WILLIAM D., RD 2, FREEVILLE, N.Y. 13068 (A) *
- ZAWACKI, CHESTER S., 474 TERRYVILLE RD. JEFFERSON STATION N.Y. 11776 (A)

PORT

11776

(A)

New York Chapter
American Fisheries Society
1971 Paid Membership List
(as of June 24), 72 Members

Assinaro, Dr. William P., 111 Nathan Dr. Bohemia, New York 11716	(A)
Bowler, Dennis A., 8461 Ridge Rd., Gasport, N.Y. 14067	(A)
Brewer, Robert C., Friends Lake, Chestertown, N.Y. 12817	
Buffington, Durrall, D.E.C., Box 84, Watertown, N.Y. 13601	(A)
Costes, Christopher W., 587 Third St., Brooklyn, N.Y. 11215	(A)
Colvin, Gordon C., 865-135A, Broadway, Holbrook, N.Y. 11741	(A)
Cooper, Alexander L., 1011 Garson Ave., Rochester, N.Y. 14609	(A)
Corl, Glenn T., D.E.C. Ray Brook, N.Y. 12977	
Coulman, Claude, Alden Ave., Warrensburg, N.Y. 12885	
Danskin, Geo. A., Rt. 2, 555A Albany Post Rd. New Palts, N.Y. 12561	(A)
Dann, Howard J., Wasteruville, N.Y. 13486	(A)
Doleski, Steven J., 201 N. 11th St., Olean, N.Y. 14760	(A)
Elliot, Arthur J., 140 Bay St., Glens Falls, N.Y. 12801	
Elliot, Wayne P., 6 Academy St., Stamford, N.Y. 12167	(A)
Engstrom-Nag, Robt., Delhi Stage, Oneonta, N.Y. 13820	(A)
Eschbach, Herbert H., Leadsville Rd., Amenia, N.Y. 12501	(A)
Eustance, Wm. E., 2434 Rene Road, Castleton, N.Y. 12033	(A)
Fairchild, Robt. P. 319 Halbert Rd., Syracuse, N.Y. 13224	(A)
Fieldhouse, Russell D., 4 Lake St., Stamford, N.Y. 12167	(A)
Forney, John L. Cornell Biol. Field Sta., Rt. 1, Bridgeport, N.Y. 13030	(A)
Gould, John D., Kirkner Hill, Stamford, N.Y. 12167	(A)
Green, David M. Jr., R. D. 2, Newfield, N.Y. 14867	(A)
Greene, Robt A. D.E.C., 21 So. Putt Corners Rd. New Palts, N .Y. 12691 12561	(A)
Griffiths, Robt H. Rt. 2, Voorheesville, N.Y. 12186	(A)
Haje, Roy L., 60 N. Morris Ave., Farmingville, N.Y. 11738	
Harding, Robt J. 333 Northway Court, Saratoga, N.Y. 12866	(A)
Hancock, Cecil E., Tower Hill Rd., Vassal, N.Y. 12592	(A)
Hutchinson, Brenden P., 442 Geneva St., Ithaca, N.Y. 14850	(A)
Jensen, Albert C., D.E.C., Vets Men. Highway, Reubenkoma, N.Y. 11779	(A)
Jolliff, Thos M., D.E.C. Cape Vincent, N.Y. 13618	(A)
Kahala, Andrew, W., Coop Fish Unit, Utah State U., Logan, Utah 84321	
Kelly, William H., Box 204, DuBois St., Livingston Manor, N.Y. 12758	(A)
Kienbusch, C.O., 165 Front St., New York, N.Y. 10038	(A)
Lane, Gene A., R.D. 2, Lake George, N.Y. 12845	
Lantiagna, Ernest, Box 453, Bolton Landing, N.Y. 12614	
Lawrence, Dr. W. Mason, Dept. Env. Cons., Albany, N.Y. 12201	(A)
Lindsay, James J., D.E.C. 409 Exchange Nat'l Bank Bldg., Olean, N.Y. 14760	(A)
Mace, Dermot S., N .Y.S.Fish Hatchery, Crown Point, N.Y. 12928	
Maynard, Paul R., Florence Dr., R.D.#6, Ballston Spa, N.Y. 12020	
Mooradian, Stephen R., D.E.C., 409 Exchange Nat'l Bank Bldg., Olean, N.Y. 14760	(A)
Neth, Paul G., Ballston Spa , Ballston Spa, N.Y. 12020 RD 5 Juniper Drive	(A)
Noble, Richard L., R.D. 1, Bridgeport, N.Y. 13030	(A)
Norton, Raymond G., State Fish Hatchery, R. D. 2, Mayville, N.Y. 14757	
O'Connor, Joel S., 23 Mott Ln., Brookhaven, N.Y. 11719	(A)
Otis, Maurice B., 1471 New Scotland Rd., Slingshlands, N.Y. 12159	(A)
Parker, Carl E., 51 Delmar Place, Delmar, N.Y. 12054	(A)
Pasko, Donald G., 7 So. Lyons Ave., Menands, N.Y. 12204	(A)

→ o'connor Joel S. 62 Bellhaven Rd. Bellport N.Y. 11713

Felchar F. Thos. 60 Harrison Ave., Glens Falls, N.Y. 12801	
Fearon, Wm. A., Box 316, Cape Vincent, N.Y. 13618	(A)
Fetty, A.C., 5 Miller Drive, Homer, N.Y. 13077	(A)
Pfeiffer, Martin H., D.E.C., Ray Brook, N.Y. 12977	(A)
Flosila, Daniel S., D.E.C., Ray Brook, N.Y. 12977	(A)
Poolo, John, C., 14 Laurel Drive, Sayville, N.Y. 11782	(A)
Ripley, Wm. E., 866 U.N. Plaza, New York, N.Y. 10017	(A)
Russ, Walter A., Rt. 2, Mayville, N.Y. 14757	
Schafer, Richard H. 127 Comatquet Rd., Oakdale, N.Y. 11769	(A)
Schofield, Carl L., Apt. M-1C, 20 N. Triphammer Rd., Ithaca, N.Y. 14850	(A)
Sealey, Geo. R., R. D. 2, Gloversville, N.Y. 12078	
Shaphard, William E. Haskell Parkway, Olean, N.Y. 14760	(A)
Skinner, Lawrence C., White Creek Rd., Friendship, N.Y. 14739	(A)
Smith, Clarence L., 312 Anderson Ave., Closter, N.J. 07624	(A)
Snyder, Robert G., R. D. 1, Stamford, N.Y. 12167	(A)
Spodaryk, Jos. G., P. O. Box 57, Avon, New York 14414	
Stone, Udall, B., 303 Troy Rd., Rochester, N.Y. 14618	(A)
Tuttle, L. Raymond, Lake Clear, N.Y. 12945	(A)
Vano, Anthony S., 220 $\frac{1}{2}$ West Forest Ave., Olean, N.Y. 14760	
Walker, Thos. M., N.Y.S. Fish Hatchery, Gansevoort, N.Y. 12831	
Webster, Dwight A. 400 E. Upland Rd., Ithaca, N.Y. 14850	(A)
White, Bruce, D., D.E.C., Ray Brook, N.Y. 12977	
White, William B., D.E.C., Ray Brook, N.Y. 12977	
Widmer, Carl C., 737 South Union, Olean, N.Y. 14760	(A)
Wohnsiadler, T.H., RFD 1, Box 195, Stone Ridge, N.Y. 12484	(A)

A = 1970 membership in Parent Society

Van Wie, H. Robert,

Burdick, George

EHLINGER, Neil F.

GREAT LAKES RESEARCH DIVISION

THE UNIVERSITY OF MICHIGAN
1077 NORTH UNIVERSITY BUILDING
ANN ARBOR, MICHIGAN 48104
313/764-2420

CONSERVATION DEPARTMENT
RECEIVED

FEB 11 1970

February 3, 1971

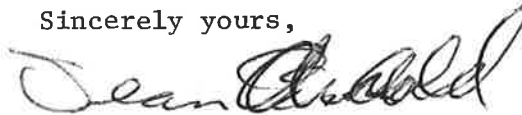
REGIONAL SUPERVISOR
DIVISION 5

Mr. Martin Pfeiffer, Sec.-Treas.
New York Chapter
American Fisheries Society
c/o N.Y.S. Dept. of Environmental Conservation
Ray Brook, N. Y. 12977

Dear Martin:

This is to notify you (somewhat belatedly) that I am no longer living in New York State and thus should not remain on the mailing list for the New York Chapter, AFS. I had thought that the national office would notify you but evidently they have not. I enjoy hearing of the activities of my New York friends but you shouldn't be wasting Chapter postage on me. Hope to see you again.

Sincerely yours,



Dean E. Arnold
Assistant Research Limnologist

DEA:jf



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

1 February 1971.

Dear Members and Prospective Members:

Enclosed is the agenda for the forthcoming Natural Resources Conference at Grossinger's, along with a bilious brochure, including a reservation form and a schedule of rates.

While every person owes it to himself to indulge in the unique gourmet experience to be enjoyed at "The Big G", there are undoubtedly students and others whose limited exchequers cannot afford the high tariff charges at this world famous Catskill resort. Thus, we have contacted some of the more mundane hostleries in the nearby, small city of Liberty, where somewhat less expensive accommodations are available as follows:

	<u>Single Rate</u>	<u>Double Rate</u>
Holiday Inn (100 rooms)	\$13.00	\$19.00
Howard Johnson (70 rooms)	13.00	20.00
Lincoln Motel (?)	10.50	14.70
Motel on the Cliff (20 rooms)	12.60	14.70
Liberty Motel (15 rooms)	12.00	14.00

Secondly, despite the Empire State's apparent fiscal austerity, I would like to stimulate attendance by as many of our Chapter members as is possible in deference to the excellent theme, distinguished guest speakers and panel members.

Thirdly, as Secretary-Treasurer, I would like to replenish the Chapter's coffers by dunning you for the 1971 dues payment. Thus, please send me your check for \$2.00, made payable to the New York Chapter American Fisheries Society. Kindly, also fill out the enclosed dues statement and return this to me along with your check or money order. Upon receipt of your payment, I will mail you your classy new 1971 membership card which you can then flash about to impress ordinary, less fortunate associates.

Last, but not least, our stylish Chapter lapel pins will be put up for sale at the modest price of \$2.00 each, at the next December meeting. Please indicate if you are considering this investment in the appropriate space on the enclosed dues statement. This will provide us with advance notice of demand so that, if necessary, we will be able to order additional pins from the "Old World Craftsmen" who produce this distinctive creation.

Hope to see you at Grossinger's come February 24th.

Sincerely,

MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

29 January 1971.

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Sincerely,
Martin Pfeiffer
MARTIN H. PFEIFFER
Secretary-Treasurer
New York Chapter
American Fisheries Society

Martin -

2/22/71

RAMME DES NATIONS UNIES
UR LE DEVELOPPEMENT

I assume this guy
is a member of the fish chapter;
note address change.

CONSERVATION DEPARTMENT
CABLE ADDRESS: UNDEVELOPMENT NEW YORK
REGION 3
RECEIVED

ember 1970

DEC 11 1970

Bred

LOCAL PERMIT AGENT

Dear Mr. Forbes,

Thank you very much for the Prospectus on the Joint Annual Meeting of the State Chapters of the American Fisheries and Wildlife Societies. I am sorry that I was not able to attend the meetings as I had prior commitments that I could not modify. However, inasmuch as I am now located in the New York area, I would appreciate it if you would change my address from:

Wm. Ellis Ripley
Bureau of Commercial Fisheries
Washington, D.C.

to:

Wm. Ellis Ripley
Fisheries Officer
United Nations Development Programme
866 United Nations Plaza
New York, N.Y. 10017

Sincerely,

Wm. Ellis Ripley
Wm. Ellis Ripley

Mr. James E. Forbes
P. O. Box 150
11 North Pearl Street
Albany, New York 12201

DEPARTMENT OF NATURAL RESOURCES
Fernow Hall, Cornell University
Ithaca, New York 14850

2 December 1971

MEMO TO: Membership, New York Chapter A.F.S.
FROM: Resolutions Committee
SUBJECT: Request for comments, by December 22, on preliminary draft of resolution to be submitted for vote at January Chapter meeting in Syracuse.

The enclosed draft is a substantial revision by our Committee of a pesticide resolution introduced, but not passed, at last year's Chapter meeting. We are mailing it to you now so that you will have time to send us your comments, criticisms, and suggestions for improvements prior to December 22. In this way we can make consideration of the draft submitted at the January meeting more efficient and more fruitful.

George Danskin
Ray Tuttle
Alfred Eipper, Chmn.

Enclosure

DRAFT PESTICIDE RESOLUTION

"WHEREAS, there is mounting evidence of long-term environmental damage from gross misuse of pesticides by informed and uninformed users, and

WHEREAS, it is now recognized that the kinds, extents, and persistence of such environmental disruptions cannot be accurately predicted in advance, and

WHEREAS, the Department of Environmental Conservation is regarded as the New York State authority on proper use and protection of the environment, and

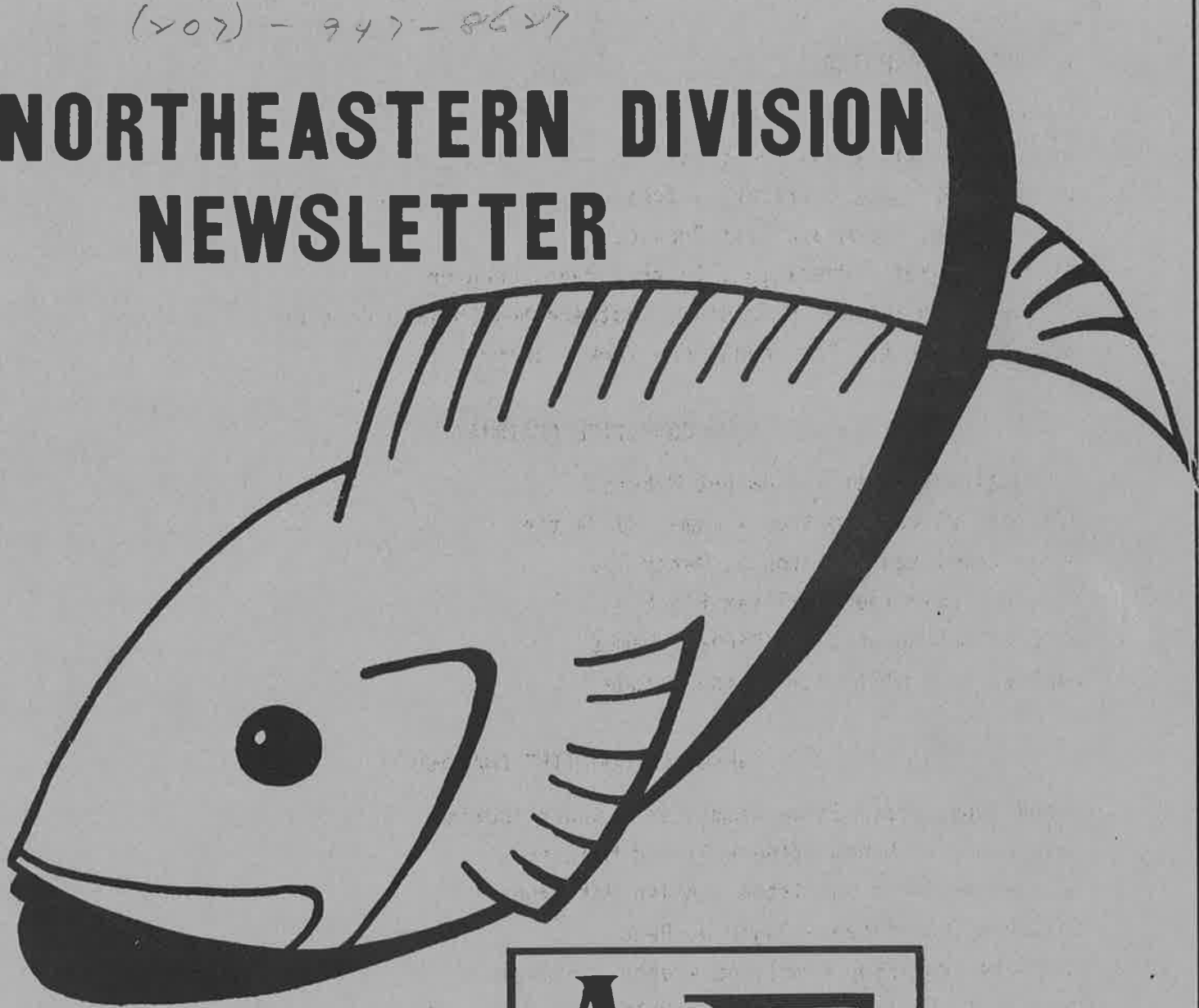
WHEREAS, the New York State Department of Environmental Conservation is presently involved in several plant and animal pest control programs (e.g., water chestnut control, gypsy moth and saddled prominent control, "trash" fish control in streams and ponds, etc.) which regularly employ the use of chemical compounds, and

WHEREAS, Commissioner Diamond has recently outlined a policy which would require that "anyone who would introduce an alien substance into the environment must first prove that its use will not be harmful and that there is a clear public necessity,"

THEREFORE, NOW, BE IT RESOLVED, that the President, New York Chapter of the American Fisheries Society, be instructed to call on Commissioner Diamond urging him to cause a comprehensive investigation of all plant and animal control programs currently being conducted or anticipated by the New York State Department of Environmental Conservation which employ the use of chemical compounds, AND FURTHERMORE urging that Commissioner Diamond cause the preparation of a report to the public setting forth the findings of this investigation including proof that continued or future use of chemical compounds in plant and animal control programs being conducted or anticipated by the New York State Department of Environmental Conservation will not be harmful to the environment and that these uses of chemical compounds are justified by documentation of a clear public necessity in every instance."

Ken Warner, Pres
Bldg. 9 Idaho Ave.
Bangor, Maine 04401
(207) - 947-8627

NORTHEASTERN DIVISION NEWSLETTER



- 1971 -

1971 OFFICERS AND COMMITTEES

EXECUTIVE COMMITTEE

Robert A. Jones, President

Kendall Warner, President-Elect

W. Leigh Bridges, Secretary - Treasurer

Frank Grice, Immediate Past President

Delano R. Graff, President, Central Penn. Chapter

Walter R. Whitworth, President, Southern New England Chapter

Robert Griffiths, President, New York Chapter

COMMITTEE CHAIRMAN

Nominating Committee - Dwight Webster

Time and Place Committee - James MacMartin

Audit Committee - Barton C. Marcy Jr.

Program Committee - William Flick

Resolutions Committee - Richard Hames

Membership Committee - Colton Bridges

SPECIAL COMMITTEE CHAIRMAN

Brook Trout Brood Stock Committee - Robert Butler

Anadromous Fish Committee - Alfred Meister

Special Projects Committee - Allen Peterson

Editorial Committee - Roger J. Reed

Warmwater Workshop Committee - John Stolgitis

University Liaison Committee - Walter R. Whitworth

Divisional Representative to Nominating of the Parent Society - Albert Jensen

Constitutional Consultant to the Executive Committee - Allen Peterson



PRESIDENT'S MESSAGE

The theme of the 1972 Northeast Fish and Wildlife Conference is to be the "Significance of the Changing Environment to Fish and Wildlife Interests." This may indeed reflect the situation in which many of us find ourselves today. In many of our states, the fish and wildlife organizations with which we have been associated have been or are shortly to be merged with other conservation groups into environmental agencies with more scope and a far greater range of interests. Academic groups, as well, are broadening their outlook and are becoming more associated with environmental problems. With the present great public interest in ecology and the environment, these new agencies respond to a much broader range of problems than those familiar to the fisheries scientist. I fear that many of us may be standing in wonderment at what is going on around us. Here is where our Society, and in particular the Northeastern Division, can serve to provide for a real need to our members. This can be described as the need to maintain the professional status of the fisheries scientist within his own personal "environment" during these times of change.

Certainly our Society is changing, hopefully for the better. The River Ecology Symposium, which we conducted in June of this past year, was without precedence in the Northeastern Division. Our intent was to provide for discussions of other aspects of the aquatic community that effect our fisheries work. Over 400 scientists of many disciplines, from nearly every state and most Canadian Provinces, came to hear internationally recognized experts in various phases of river ecology. This effort required the concentrated effort of some 30 members of the Society and the support of many others during the nearly two years of preparation. The effort is still ongoing. At the date of this writing, the proceedings of the Symposium are in the final stages of preparation for printing and should be available from the publisher within three months. As chairman of the Symposium Committee, I had the great pleasure of working with a group, each member of which did not hesitate in providing whatever was necessary to do the job. My effort was minimal due to the dedication of each member of the committee.

I have appointed a Special Projects Committee which will endeavor to continue this type of activity in order to meet the changing needs of our membership. In this and other ways, it is my hope that the Northeastern Division will be able to continue to respond to these changing needs. In order to do so, however, it is no longer possible for a relatively few to be active in the business of the Society. This newsletter, our newly implemented mail ballot, excellent programs on the part of local chapters and groups such as the Anadromous and Warmwater Fisheries Committees, as well as special activities such as the River Ecology Symposium, all provide a vehicle for needed input.

Hopefully, the members will take advantage of these programs, become more active in activities of the Society and provide the input which is necessary for the Society to maintain the professional status of the Fishery Scientist.

Robert A. Jones
President 1971 - 1972

NEWS FROM THE STATES AND PROVINCES

CONNECTICUT

Department of Environmental Protection
Preservation and Conservation Division
Fish and Water Life

On October 1 of this year, the Department of Environmental Protection was created by combining Fish and Game, Park and Forest, Water Resources, parts of Public Health concerned with air pollution and solid waste disposal and several smaller agencies. The field functions of Fish and Game, and Park and Forest have been put under four regions. There is also a fifth region that will manage marine and anadromous fisheries.

ROBERT JONES has been appointed Regional Director for Region V (Marine), ANTHONY CANTELE as Regional Director of Region I, and COLE W. WILDE has been appointed Director of the Fish and Water Life Unit.

The Quinebaug Valley Hatchery was completed this fall and will produce about 95,000 pounds of brook, brown and rainbow trout for stocking in the spring of 1972. The Windsor Locks Hatchery has been closed and personnel reassigned to other hatcheries.

The 35 foot diameter stock-out ponds for Atlantic Salmon are being constructed on the Salmon River as part of the Connecticut River Basin Anadromous Fisheries Study cooperative project.

Two northern pike marshes are being constructed, one is at Haddam Meadows on the Connecticut River and is a combination pike and waterfowl marsh. This should provide a stable spawning area not subject to fluctuations of the Connecticut River. The other marsh is part of a project to introduce pike into Bantam Lake.

LANCE STEWART completed all of his Ph.D. requirements at the University of Connecticut. Lance worked on lobsters at the Marine Research Laboratory, Noank, Connecticut. WILLIAM LEGGETT, formerly employed by Essex Marine Laboratory, is now with the Department of Biology, McGill University.

University of Connecticut

A report covering age and growth estimates of 16 species of fishes found in the freshwaters of Connecticut is almost ready. Preliminary limnological data have been collected and are being evaluated for the anadromous fish project in the Thames River Basin. ROBERT GOLDSTEIN began a study of movements of trout in a stream in eastern Connecticut. ERNIE BECKWITH is evaluating the potential spawning grounds for sea-run brown trout and coho salmon in the Quinebaug River System. REED OSTRANDER is evaluating the effects of simultaneous variation of aluminum, salt, oxygen, and temperature on fish; and E. A. WELLS is estimating the productivity of Columbia Lake.

Degrees Awarded

- GIBBONS, DAVE R. M.S. Physical and chemical characteristics of the Thames Estuary, Connecticut.
- HEUER, JOHN H. M.S. A technique of estimating community metabolism in the Thames River System, Connecticut.
- JOHNS, WARREN E. M.S. An evaluation of pollution in the Thames River Basin based on the distribution and abundance of fishes.
- SCHMIDT, ROBERT E. M.S. Life history of the White Catfish (Ictalurus catus) in the Thames River System, Connecticut.

Essex Marine Laboratory

The Connecticut River Ecological Study is a three year before and five year after evaluation of the Connecticut Yankee Atomic Power Company's Haddam Neck plant on the ecology of the lower Connecticut River. The study, begun in 1965 and continuing through 1972, is directed by DANIEL MERRIMAN and LYLE M. THORPE.

WILLIAM A. BOYD, head of the Hydrology Division, has five permanent monitoring stations on the river to measure surface and bottom temperatures, pH, conductivity and dissolved oxygen. He has three-dimensionally mapped the plant's heated effluent using a multi-probe system, published a report on water temperatures (1966-1969) in the lower Connecticut River, and is preparing a dissolved oxygen report.

The adult shad program is under the direction of WILLIAM C. LEGGETT. F. PAUL RICHARDS has been an assistant to the project since 1969. JULIAN DODSON is a graduate student at McGill University and is conducting research on the mechanisms of shad homing. The objectives of the adult shad program are: to measure the size of annual shad populations entering the river; to determine the age and spawning history of these populations; to investigate the rate and pattern of shad migration within the Connecticut River. Since 1965, over 25,000 shad have been tagged at the mouth of the Connecticut River and about 1,000 scale samples obtained from the commercial and sport fisheries. The use of ultrasonic tracking allows fish to be tracked directly as they migrate upstream. During 1970 and 1971, the ultrasonic tagging program operated in Long Island Sound to determine how shad recognize their natal stream as they return from the ocean.

BARTON C. MARCY JR. is project leader of resident and anadromous fishes and juvenile shad. Some aspects of his studies include: creel census evaluation; bag seine and trawl collections; plankton surveys; entrainment of eggs and larvae; growth of eggs and larval stages in the laboratory; resident fish tagging for migration, discharge canal winter population estimates and physiological studies; location of shad spawning areas; spray marking of juveniles for population estimates; age, growth, stomach analysis and fecundity of major species; and reactions of juvenile

shad to the heated effluent. Results of some phases have been published. RICHARD NANKEE is assisting in the various phases of this project.

RONALD M. MASSENGILL is project leader of Benthic studies. His work includes sampling bottom fauna adjacent to the plant and assessing effects of the heated effluent on invertebrates. Much of the laboratory analysis is directed toward systematics. REGINALD GALVIN is specializing in these identifications. Zooplankton going into the plant is also being studied.

PAUL JACOBSON is primarily involved in compilation and analysis of all data on our IBM 1130 computer. He is also conducting a one year study to determine oxygen balance in the cooling water of the plant from intake to river discharge.



"His problem? He lives down by the atomic power plant."

DELAWARE

Department of Natural Resources and Environmental Control
Division of Fish and Wildlife

The Delaware Division of Fish and Wildlife has replaced the old Game and Fish Commission. Personnel listed here, for the most part, is of 1 January, 1972.

NORMAN WILDER, our former Director, now holds the same position with the Delaware Nature Education Center. DARRELL E. LOUDER accepted the Director's position that remained vacant for over a year. The former assistant Director JAY L. HARMIC left for Florida.

WILLIAM F. MOORE is the Manager of Fisheries Operation; CHARLES A. LESSER directs the Technical Services Section; ROBERT A. BECK is Supervisor of Fish-

eries with CATHERINE C. MARTIN, TED RITCHIE and FRED BONNER on his staff. In addition to being Supervisor, Beck is head of a Federal Aid Project to rechart oyster beds in the Delaware Bay. These Bay oysters have made a fantastic recovery from the MSX disease that nearly destroyed them several years ago.

Cathy Martin is conducting a Federal Aid project to determine fish populations in tidal streams flowing into the Delaware River and Bay. Ted Ritchie will devise an ecological warning system around the Bay.

The first two shad ladders on the Brandywine are operational and successful in that shad used them last spring! Our trout stocking program has greatly expanded during the past year and this trend should continue.

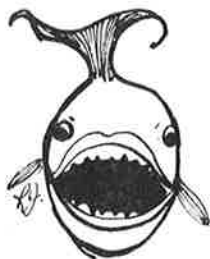
Ichthyological Associates

The environmental monitoring program for Salem Nuclear Generating Station, underway since mid-1968, involves an intensive study of the Delaware River in the vicinity of the plant site on Artificial Island, New Jersey. The study is financed by Public Service Electric and Gas which is responsible for construction of the twin unit 2,200 megawatt facility. Present schedules call for Unit I going on the line in 1973 and Unit II by 1974.

Objectives. -- The primary purpose is to gather biological and related physiochemical information sufficient to form an accurate baseline against which to assess findings in the years subsequent to plant operation. A two-phase study plan will be implemented. The first and basic phase entails the identification of fish and invertebrates utilizing this region, and determination and monitoring of their seasonal and spatial distributions and abundance. The second phase is directed primarily at the more common prey and predator vertebrate and invertebrate species and involves a variety of approaches including detailed life history studies, laboratory investigation into thermal preference and avoidance, chemical toxicity studies, and studies of fish swimming speed and stamina.

Quarterly samples of fish, plankton, benthos and surface waters are taken at strategic locations and sent to consultants for determination of background radiation levels.

Present construction schedules allow time for the collection and analysis of required data. The Delaware River Basin Commission has recommended that these studies continue for some 10 years after both units are operational.





"No wonder the Peruvians don't want us fishing in their waters."

DISTRICT OF COLUMBIA

Bureau of Sport Fisheries and Wildlife

A great many personnel changes have occurred this past year: SPENCER H. SMITH, Deputy Director and Acting Director; WILLIS KING, Assistant Director - Cooperative Services; KENNETH E. BLACK, Deputy Assistant Director - Cooperative Services; F. VICTOR SCHMIDT, Assistant Director - Operations; LEWIS R. GARLICK, Assistant Director - Planning; RAYMOND E. JOHNSON, Chief of the new Office of Environmental Quality; F. EUGENE HESTER, Chief, Division of Fishery Research; DANIEL W. SLATER, Chief, Division of River Basin Studies; and CROSWELL "BRUDGE" HENDERSON, Chief, Branch of Environmental Improvement, Division of Fishery Services. Other agencies: JOHN S. GOTTSCHALK, Assistant to the Director, National Marine Fisheries Service, U.S. Department of Commerce; ELWOOD A. "WOODY" SEAMAN, Assistant to the Commissioner - Ecology, Bureau of Reclamation, U.S. Department of the Interior; OLIVER B. COPE, Water Resource Scientist, Office of Water Resources Research, U.S. Department of the Interior; THOMAS E. DEVANEY, Chief Fish and Wildlife Biologist, Standards Branch, Pesticide Regulation Division, Environmental Protection Agency; and PHILIP A. DOUGLAS, Assistant to the Director, National Wildlife Federation.

The U. S. Department of Interior's Distinguished Service Awards were presented to: JOHN S. GOTTSCHALK, WILLIS KING, and MERWIN A. MARSTON on 5 May, 1971.

NECROLOGY

DANIEL H. JANZEN, 64, November 19, 1970; Former Director of the Bureau of Sport Fisheries and Wildlife.

CLARENCE F. PAUTZKE, 64, August 13, 1971; Former Commissioner of the U.S. Fish and Wildlife Service and Assistant Secretary of the Interior for Fish and Wildlife and Parks.

ALBERT H. SWARTZ, 56, May 11, 1971; Physical Scientist, Office of Water Resources Research, U.S. Department of the Interior and former Assistant Chief, Division of Fishery Research, Bureau of Sport Fisheries and Wildlife.

ABRAM V. TUNISON, 61, January 3, 1971; former Deputy Director, Bureau of Sport Fisheries and Wildlife.

MAINE

Department of Inland Fisheries and Game

Sebago Lakes landlocked salmon comeback is once again Maine's most impressive success. During the fall netting operation in the Jordan River 800+ adult salmon were taken and released. Their growth rate exceeded the 1957 high!

The introduction of landlocked alewives (from New York) into the Rangeley Lakes is apparently a success i.e. YOY have appeared in our trap net catches throughout the system.

Mysis obtained this fall from Vermont's Lake Memphramagog were placed in Jordan Pond on Mt. Desert to serve as a continuing food source for salmonids.

Maine's pure strain of Sunapee trout from Floods Pond, Otis have been stocked into Coffee Pond, Casco. Their reproductive success will be studied.

MAYNARD MARSH was officially appointed Commissioner for the Department after the retirement of former Commissioner GEORGE W. BUCKNAM. Maynard had been serving as Deputy Commissioner, and was previously Chief Warden. He has many years of experience with the Department and is well known and liked throughout the state.

RONALD BROKAW returned from the armed services and has been reinstated as Assistant Regional Fisheries Biologist at Machias. URBAN (SONNY) PIERCE became Assistant Regional Biologist for the Sebago Region at Gorham.

DENNIS McNEISH has been promoted to Regional Fisheries Biologist in Machias. Dennis was formerly assistant biologist at Greenville. His previous position will be filled by PAUL JOHNSON who is returning from the service. AL MEISTER has been appointed American Fisheries Society Representative for the North American Atlantic Salmon Commission.

A new office and rearing building was completed this summer at the Governor Hill Fish Hatchery, Maine's major lake trout station.

Ira C. Darling Research Center

University of Maine -- Oceanographic Research Laboratory, Walpole

The Darling Center staff increased this year: EDWARD J. GREEN is our new Oceanography and Geological Sciences Professor; PAUL D. RING and JAMES CHALFANT are Marine Research Assistants; while JOAN PERRIER, PHYLLIS COGGINS and MARK S. RICHMOND joined us as lab technicians.

DAVID DEAN was elected President of NEERS (New England Estuarine Research Society) for a two year term and BERNARD McALICE elected to the Board of Directors of Trigom.

There are two new buildings now under construction at the Darling Center. On Wentworth Point on the Damariscotta River is the site for the new aquaculture building. The wood frame and shingle siding promise to fit well into the environment. Located adjacent to the new pier, it will provide 1,000 square feet of laboratory and office space and a 2,000 square feet saltwater wet lab. The wet lab will accomodate the Sea Grant project involved with oyster culture, scallops, sea mussels and crabs. Completion date 1 March, 1972. The Kresge Building, built under the first outside grant from an independant organization, has a twenty-four student classroom with lab space that can be used for seminars and public meetings.

Maine Cooperative Fisheries Unit

University of Maine, Orono

Unit Leader, RICHARD HATCH, is working on the quality of migrant-size Atlantic salmon (in cooperation with Craig Brook Hatchery) and on water quality monitoring in the Penobscot River estuary. He served as Division Representative on the AFS Nominating Committee and Chairman of the Student Session at the ASF Portland meeting.

RICHARD GREGORY, Assistant Unit Leader has been working on amino-acid content in fresh and frozen Atlantic salmon semen and the physical effects of freezing fish semen using various diluents. He presented a paper on this research at the AIBS meeting in Colorado. Smelt eggs were collected and introduced into Colorado under his direction.

Degrees Awarded (M.S.):

AYER, WILLIAM C. - Some aspects of amphipod distribution and ecology in the Penobscot River estuary.

OTTO, ROBERT S. - Design of a creel survey for the striped bass sport fishing along the central Maine coast.

REID, WILLIAM F., JR. - The crayfishes of the Union River drainage and their utilization as forage by some warmwater fishes.

SCHNEIDER, PHILLIP W., JR. - Some effects of photoperiod and diet on smoltification of Atlantic salmon.

TROTZKY, HOWARD M. - The effects of water flow manipulation by a hydroelectric power dam on the bottom fauna and rainbow trout fishery of the upper Kennebec River.

Students in residence:

BANDOLIN, LAWRENCE - Standing crop, growth and yield of smallmouth bass in South Branch Lake (M.S.).

BRYANT, MASON - Standing crop and yield of white perch in South Branch Lake (M.S.).

HULBERT, PHILIP - Spawning site selection and spawning success of anadromous smelt (M.S.).

NEVES, RICHARD - Factors affecting year class strength of smallmouth bass in South Branch Lake (M.S.).

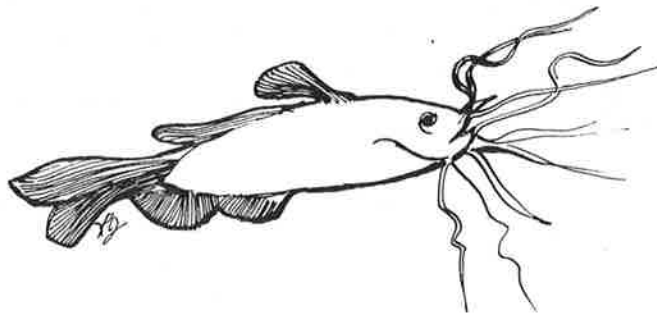
OTTO, ROBERT - Enzymology and meristics in separating striped bass subpopulations (Ph.D.).

SCHEIVEN, BARBARA - Feeding behavior of landlocked Atlantic salmon (M.S.).

SPEIRS, GARRETT - Utilization of landlocked alewives by landlocked Atlantic salmon (M.S.).

SQUIERS, THOMAS - Structure of a landlocked alewife population five years after initial stocking (M.S.).

VIBBER, JOHN - Interspecific competition between landlocked alewife and landlocked smelt populations (Ph.D.).





MASSACHUSETTS

Division of Fisheries and Game

Many cooperative activities were carried out with neighboring states during the past year. The Connecticut River compact arrangement, which places biologists from four states in monthly contact, is having many additional program benefits. A joint liming project was undertaken with the State of Rhode Island on the 350-acre Wallum Lake, an interstate Pond. Various fish species in egg and juvenile stages were exchanged with neighboring states for continuing experimental programs. The four states working on the Connecticut River, acting through their Attorney Generals' departments jointly petitioned the Federal Power Commission for a hearing on fish passage. Although no hearing date has been established, apparently the settlement conferences will resolve the problems.

WILL BRIGHAM, graduate of Norwich University, was employed as a Consultant Assistant Aquatic Biologist for the resident fish studies being conducted in conjunction with the Northfield Mountain Pumped Storage Project. PHILIP PALERMO, analytical chemist from Northeastern University, was employed as an Assistant Aquatic Biologist to continue studies in the pesticide and water quality project.

DAVID FREDENBURGH - promoted to the position of Chief Fish Culturist responsible for all hatcheries in the state. For an interim period, he is continuing to manage the McLaughlin Trout Hatchery. JOHN JONASCH - moved from the Southeast Wildlife District to an Assistant Aquatic Biologist position in Westboro for the resident fish study being conducted on the Northfield Mountain Pumped Storage Project. PETER OATIS - now the Aquatic Biologist for all anadromous fish projects involving the Connecticut and Merrimack Rivers and the southeastern coastal streams. LOUIS H. CARUFEL, who served as Chief Aquatic Biologist, accepted a Biologist position with the U. S. Forest Service in Eureka, California. LEE D. LYMAN, employed as a Consultant Aquatic Biologist, is now employed with a private water quality research laboratory in Wellesley.

Division of Marine Fisheries

The Division received a grant to study effects of New England Power Company's Salem plant on the marine environment. This is a four year study and will concentrate on effects of water use and thermal discharge associated with a new fossil fuel generating unit being constructed in Salem.

We are also working on a study of the Pilgrim Nuclear Station in Plymouth which has been going on for two years and will continue for two more. A study of the effects of the Canal Electric Station in Sandwich on the marine environment of the Cape Cod Canal is finished and a report published.

A program has been initiated to study and reestablish populations of marine organisms which were severely affected by an oil spill in Falmouth. This project is funded by \$200,000 settlement between Northeast Petroleum Co. and the Commonwealth for damages incurred when an oil barge ran aground off West Falmouth.

DAVID CHADWICK assumed the duties of Assistant Marine Fisheries Biologist on the South Shore Estuarine Team. JOHN DERHOVANESIAN, JR. has been named Senior Chemist at the Cat Cove Marine Laboratory. EDWARD K. PIEL, JR. is Marine Fisheries Biologist in charge of the Shellfish Purification Plant of Newburyport. CHARLES ANDERSON - named Assistant Director for Administration to fill the vacancy created when IRWIN ALPERIN accepted the position of Executive Director of the Atlantic States Marine Fisheries Commission in Washington. PHILIP COATES - promoted to Assistant Director for Commercial Fisheries. Phil was previously project leader for flounder investigations. WILLIAM FITZPATRICK - now Federal Aid Coordinator in the Boston Office.



JOHN FISKE - transferred back to the Division to fill the position of Chief of Research at the South Shore Field Headquarters. ARTHUR CHESMORE is Research Analyst in charge of the Salem Power Plant Study and DAVID BROWN is Marine Fisheries Biologist on the same project. HENRY IWANOWICZ - promoted from Assistant Marine Fisheries Biologist attached to the administrative office to Marine Fisheries Biologist in charge of the North Shore Estuarine Team. ARNOLD CARR - placed in charge of the Falmouth Oil Spill studies as a Research Analyst and ROBERT LAWTON - promoted from Assistant Marine Fisheries Biologist of the Estuarine Team to Marine Fisheries Biologist on the Oil Spill Study. JOHN HICKEY is now head Marine Fisheries Biologist of the Shellfish extension program.

Cat Cove Marine Laboratory, formerly dedicated during the past year, is now in the process of initiating work programs. In addition to routine analysis work for ongoing programs, the Division will be conducting other studies through grants at the laboratory.

University of Massachusetts

The Fisheries Program at UMASS added JAMES E. JOHNSON to the staff in September 1970; Jim received his Ph.D. at Arizona State University under W. L. Minckley while working on threadfin shad. He is currently conducting research on mercury contamination of white sucker populations and our Parker River alewife study. The University now has 82 undergraduate fisheries majors and 16 current graduate students at both the M.S. and Ph.D. Since 1964, 3 Ph.D. and 25 M.S. degrees have been awarded through the Massachusetts Cooperative Fishery Unit and the University of Massachusetts.

In January 1971, the University opened their Gloucester Marine Laboratory at Hodgkins Cove on Ipswich Bay, under the directorship of C. S. YENTSCH. Several fisheries studies are now being conducted there: the Parker River alewife study and the Merrimack River diversion study. With the addition of other planned facilities we hope to be able to move the entire marine student program into the Gloucester facilities. Current fisheries-related studies in the Marine Sciences Program include: life history of a protected yellowtail flounder population in Ipswich Bay and changes in Massachusetts salt marshes from 1952 to 1972 as determined by aerial photography.

The University of Massachusetts has finally had the lid put on its Amherst campus growth and total student enrollment will be limited to 25,000 because of the strain on the local town. The campuses of UMASS / Boston and UMASS / Worcester will be taking up the strain of increased enrollment. In addition, a quota system has been placed on all graduate programs. The magic word "reorganization" has been hitting both federal and state agencies with dull regularity; we expect it here! The University has a new President and new goals are in the wind. We look for an expanded thrust into the broad field of environmental planning as the Department of Forestry and Wildlife Management finds a new Head and draws closer to the Departments of Agricultural Economics (Resource Economics) and Landscape Architecture and Regional Planning. The University has been designated as the center in New England for the undergraduate fisheries biology major under the New England Regional Student Program; under this cooperative arrangement

students in any of the other New England states may attend the University of Massachusetts and major in fisheries while paying in-state tuition equivalent to that of their parent state's institution.

Massachusetts Cooperative Fishery Unit

Unit Leader JAMES MCCANN submitted to the Massachusetts Water Resources Research Center for publication manuscripts dealing with an Inventory of Ponds, Lakes and Reservoirs in six counties. He served as national chairman on the Student Affairs Committee--AFS. Two grant proposals were written and accepted: the pond, lake and reservoir inventory and continued research of shad in the Connecticut River.

ROGER REED, Assistant Leader sampled monthly largemouth bass and pumpkinseed from Cranberry pond to evaluate possible effects of intraspecific competition as reflected in decreased growth rate. In all, 719 bass and 655 pumpkinseed have been analyzed. He taught a "mini technical writing course" to biologists of the state Marine Fisheries Division -- and Fisheries and Game personnel.

Degrees Granted:

FRAME, DAVID W. (Ph.D) Biology of young winter flounder, Pseudopleuronectes americanus (Walbaum): feeding habits, metabolism and food utilization.

SMITH, RODERICK M. (Ph.D.) The effects of gametic concentrations of DDT and dieldrin on reproduction in winter flounder.

HOWE, ARNOLD B. (M.S.) Biological investigation of Atlantic tomcod, Microgadus tomcod (Walbaum), in the Weweantic River estuary, Massachusetts, 1967.

SCHERER, MICHAEL D. (M.S.) The biology of the blueback herring (Alosa aestivalis, Mitchill) in the Connecticut River above the Holyoke Dam, Holyoke, Massachusetts.

STOLGITIS, JOHN A. (M.S.) The fecundity and early life history of the tautog, Tautoga onitis (Linnaeus) in the Weweantic River estuary, Massachusetts.

Students in Residence:

SCHERER, MICHAEL D. (Ph.D.) Movements, distribution and population dynamics of young-of-year Alosa spp. in the Connecticut River above Holyoke Dam, Massachusetts.

BURNS, THURSTON S. (M.S.) Mercury deposition in fish of the Mill River, Massachusetts, and its effects on the early development of the white sucker, Catostomus commersoni.

- CUNNINGHAM, WILLIAM T. (M.S.) An evaluation of land use change (1952-1972) in the state of Massachusetts, surveyed from vertical aerial photography.
- KATZ, HARVEY M. (M.S.) Migration and behavior of the American shad, Alosa sapidissima (Wilson), in the Connecticut River, Massachusetts.
- LAYZER, JAMES B. (M.S.) Location of spawning grounds and egg mortality of the American shad, Alosa sapidissima (Wilson), in the Connecticut River above the Holyoke Dam.
- LIBEY, GEORGE S. (M.S.) Some aspects of the biology of the yellowtail flounder, Limanda ferruginea, in the closure area between Cape Ann and the mouth of the Merrimack River, Massachusetts.
- MAYO, RALPH K. (M.S.) A study of quantitative and environmental factors affecting the migration of anadromous alewives, Alosa pseudoharengus (Wilson), in the Parker River, Newbury, Massachusetts.
- RIDEOUT, STEPHEN G. (M.S.) Utilization of the Parker River, Massachusetts by anadromous alewives, Alosa pseudoharengus (Wilson).
- SERCHUK, FREDRIC M. (M.S.) The ecology of the cunner, Tautoglabrus adspersus Walbaum (Pisces: Labridae), in the Weweantic River estuary, Massachusetts.
- SWANSON, BRUCE L. (M.S.) Distribution, abundance and growth of fishes of the Ware River drainage, Massachusetts.

New graduate students this fall include: ROBERT DOMERMUTH, PHILIP JEFFRIES, THOMAS MOSHER, FRANK PRATT and STEVE SHAPIRO.

National Marine Fisheries Service

Northeast Fisheries Center -- Woods Hole

The Woods Hole Laboratory has been named the headquarters for the Northeast Fisheries Center, a newly-created component of the National Marine Fisheries Service, National Oceanic and Atmospheric Administration, U. S. Department of Commerce. The Northeast Fisheries Center includes -- in addition to the Woods Hole Biological Laboratory -- the Boothbay Biological Laboratory in Maine and the Narragansett Marine Laboratory in Rhode Island.

Programs to be conducted under the direction of the Center at the three component laboratories will resemble previous scientific research on North Atlantic fisheries, however, emphasis will be changed from species-oriented to discipline/community-oriented investigations.

Some investigations at the Center will be for the Marine Resource Monitoring, Assessment and Prediction (MARMAP) Program, a nation-wide effort directed from Washington to obtain baseline data on living marine resources.

HERBERT W. GRAHAM retired 26 December, 1970 after eight years as Director of the Woods Hole Biological Laboratory. ROBERT L. EDWARDS, who has been in the Washington office of the National Marine Fisheries Service since May, 1970, will return to Woods Hole as Director of the Northeast Fisheries Center. RICHARD C. HENNEMUTH, fishery biologist at the Woods Hole Laboratory since 1961, has been appointed Deputy Director.

JOHN B. COLTON is transferring to the Narragansett Marine Laboratory to head the Ichthyoplankton Sorting Group. BRUCE R. BURNS, fishery biologist, and RUTH R. STODDARD, fishery technician, are also transferring to the same Group.

Six scientists from the Woods Hole Laboratory attended the 1971 meeting of the International Commission for the Northwest Atlantic Fisheries (ICNAF). Each year the Commission reviews mesh-size regulations and catch quotas for haddock and yellowtail flounder, and sets new regulations - where needed - to prevent the decline of stock abundance in the Northwest Atlantic. The biological research required for such management regulations is conducted by member countries. It is a principal responsibility of the Northeast Fisheries Center to conduct population studies and to obtain stock assessments, to provide scientific advice to the Commission and U. S. Commissioners.

On 28 July, 1971, over 4,000 people attended Open House at the Laboratory to celebrate 100 years of government fishery research in Woods Hole. PAUL S. GALTSOFF, former Director of the Laboratory, spoke on the early years of fishery research at the opening ceremony of the Centennial Day program.

NEW BRUNSWICK

Fisheries Research Board of Canada
Biological Station, St. Andrews, N.B.

In March 1971, A. W. H. NEEDLER, former Deputy Minister of Fisheries and Forestry for Canada, was appointed Executive Director of the Huntsman Marine Laboratory of which FRB is one of the sponsors.

A new 50-bed student residence, called "Anderson House" opened in June. It was named as a testimony to the time and effort spent by J. M. ANDERSON, Director of the Fisheries Research Board's Biological Station and Treasurer of HML, on the initiation and direction of the HML program.

The Museum-Aquarium, jointly operated by FRB and HML, was enlarged and improved prior to opening in June.



The use of submersibles for research purposes continued in 1971. J. M. ANDERSON and J. CADDY used a PC8 in the Bay of Chaleur to study effects of scallop dragging on mortality in residual scallop population and on changes in numbers of fish and crabs in the disturbed areas.

Commercial catches of Miramichi salmon, which reached a 100-year low in 1970, dropped to about half of the 1970 level in 1971.

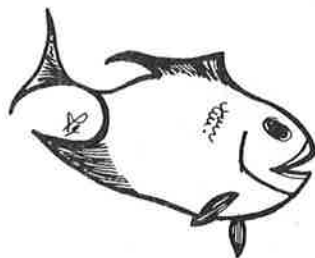
The Maritime swordfish industry terminated in January as a result of the unacceptably high mercury levels detected in commercial catches.

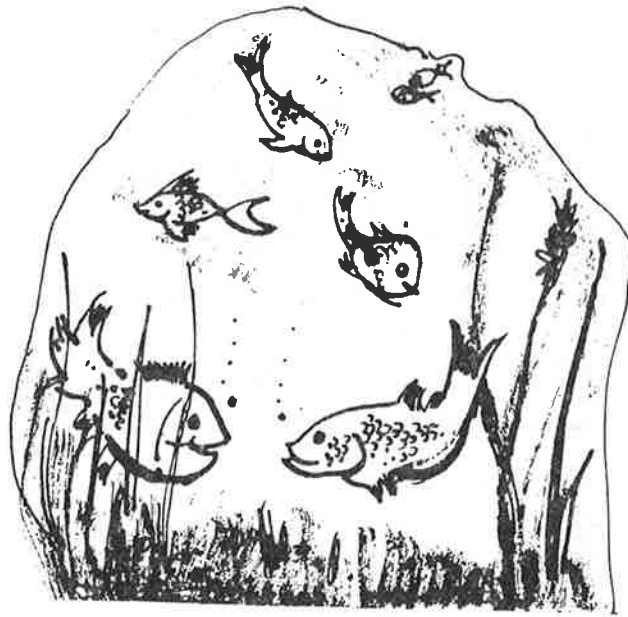
In April 1971, the Underwater Telemetry Newsletter was launched at St. Andrews, under the auspices of the Fisheries Research Board of Canada and the Huntsman Marine Laboratory. The UT Newsletter is a communications link among researchers in the field of tracking aquatic animals and development of related technology. It encompasses both ultrasonic and radio tracking. Echosounding is not within the scope of the UT Newsletter.

The field of underwater telemetry, as applied to studies of unrestricted aquatic animals, is relatively new and growing. Since 1962, when there were only two active groups, the number known to the editors has grown to over sixty. If you are working on or know of a research project involving the use of underwater telemetry (ultrasonic and radio tracking of aquatic animals) that is not listed in the UT Newsletter, please write to:

AIVARS B. STASKO
Environment Canada - Fisheries Service
Biological Station
St. Andrews, New Brunswick, Canada

D. J. WILDISH joined the staff of the Pollution Group. M. N. KUTTY spent three months on respiratory metabolism of the Atlantic salmon on a CIDA-NRC research associateship. J. WATSON transferred to the Office of the Editor of the Journal of the Fisheries Research Board of Canada.





"I started on light refuse, turned on to oil, and before I knew it I was hooked on mercury!"

The International Atlantic Salmon Foundation

St. Andrews, N. B.

The Foundation established its permanent headquarters at the Huntsman Marine Laboratory as a full member in May 1971. The Foundation's most important programs are: feasibility study and preparation of preliminary technical plans for a genetics and selective breeding program. This is an international cooperative venture involving, in addition to I.A.S.F., the Huntsman Marine Laboratory and government agencies in the U.S.A. and Canada. The primary objective is to develop the most suitable strains of selectively reared Atlantic salmon stocks for use in rehabilitation of salmon rivers in Eastern Canada and the Northeastern States.

The 1971 catch of Atlantic salmon in North America, particularly angling returns, showed a precipitous drop. Progress in reducing exploitation rates in the commercial fisheries is bogged down. Faced with this disappointing situation, some salmon producing states are expressing increasing reluctance to support costly programs essential to the maintenance of the Atlantic salmon's freshwater environment.

The IASF Olin Educational Fellowship was recently established through the generosity of the John M. Olin Foundation. One annual fellowship will be awarded beginning in 1972.

WILLIAM G. MATTOX has been appointed project supervisor for the Law of the Sea Conference position paper. WILLIAM H. MACKENZIE is conducting research and writing the Law of the Sea document. JYRI PALOHEIMO has under-

taken a population study of Atlantic salmon; specifically to assess the impact of offshore commercial fisheries on homewater stocks of salmon in Canada. NATALIE SUTTERLIN is assisting PAUL ELSON, of the Biological Station, St. Andrews, with preparation of data for Paloheimo's project.

NEWFOUNDLAND

Canadian Fisheries Services - Department of the Environment

Major work emphasis in the Resource Development Branch in Newfoundland is: the Pollution Control area (pulp & paper industry, base metal mining, the Phosphorus industry, and others); operation of two spawning channels for Atlantic salmon, which appear to be of value in population establishment; investigation of fish populations in lakes, including hydro reservoirs, for recreational use; development and stream remedial work for enhancing anadromous fish production; and operation of the facility at Sandhill River (Labrador), primarily for smolt tagging to elucidate problems created by the West Greenland Atlantic salmon fishery. Some 10,700 wild smolts were tagged and released at that site in 1971, of a total smolt run of 53,000 fish.

We hired four new staff members in the Resource Development Branch: HUNG FOO WONG is our Environmental Engineer; K. WEAGLE, a Biologist with the Pollution Group and within the same section, a new chemist, H. SAMANT; diving officer J. OSBOURNE is a biology graduate from Memorial University.

Former Senior Biologist R. E. CUTTING has been promoted to Chief Biologist, and R. WISEMAN, Project Biologist, was appointed to Lake Management Group Leader. ROGER PEET, Biologist, presented a paper entitled "Aspects of the Arctic char (Salvelinus alpinus) in Coastal Labrador" at the Northeastern Division Conference at Portland, Maine. CALVIN WHALEN, Biologist with the Pollution Group, is continuing studies toward an M. Sc. degree at University of Manitoba. Two Biologists, F. HICKS and M. FARWELL, completed M.Sc. degrees at Memorial University.

A new trailer, 12' x 50', equipped with provisions for atomic spectrophotometry and gas chromatography analysis was erected in 1970 as a field water pollution laboratory.

Memorial University of Newfoundland

C. W. ANDREWS and J. K. LING of Memorial's Biology Department attended the May 25th and 26th hearings of the special Committee appointed to advise the Federal Government of the Atlantic Seal Hunt.

J. M. GREEN returned to the Department of Biology from Vancouver Island where he spent three months as a visiting research associate of the Department of Biological Sciences, Simon Fraser University. He was invited to initiate the fishery related aspects of a three year study of the giant kelp Macrocystis and its associated biota in the Bamfield area of Vancouver Island's west coast.

P. M. J. WOODHEAD was elected Vice-President of the Great Barrier Reef Committee at the 1970 Annual General Meeting. This Committee is based in Australia, but includes many scientists from North America and Europe, all of whom are concerned in the largest coral formation in the world.

G. R. SOUTH worked at the British Museum (Natural History) London, with LINDA IRVINE, studying various aspects of some Newfoundland algae.

Fisheries Research Board of Canada -- St. John's

R. J. MILLER is the Investigator-in-Charge of crab research. R. H. PAYNE joined the Anadromous Fish Division where his main concern is the separation of salmon stocks by biochemical methods. A. W. MAY, Scientist-in-Charge of the Anadromous Fish Division, was sent to FRB Headquarters for a 10-month period.

J. H. C. PIPPY (Anadromous Fish Division) continued Educational Leave at the University of Guelph. G. H. WINTERS (Pelagic Fish Division) began Educational Leave at Dalhousie University.

V. M. HODDER resigned as Scientist-in-Charge of Pelagic Fish to take a position at ICNAF Headquarters at Halifax, Nova Scotia. A. W. MAY chaired a meeting of an international planning group concerning plans for an international salmon tagging experiment in 1972 at Pitlochry, Scotland, March 26 - April 1, 1971.

NEW HAMPSHIRE

Fish and Game Department

The anadromous fish restoration project on the Merrimack River continued with another stocking of shad eggs in June and a successful monitoring of young shad as they migrated downstream in the fall.



The coho salmon project continued on about the same level as last year. A fish ladder was built at the mouth of the Lamprey River that makes capture of returning adults easier. We are convinced that the project will work and now need to stock one-half million salmon smolts to establish a good fishery.

CHARLES F. THOITS III, received the American Fisheries Society award for the best paper in Volume 99 (1970) entitled "Variations in Carp Production in Replicate Ponds".

HOWARD C. NOWELL, JR., received the Wildlife Conservation Award for his efforts to preserve and restore wildlife habitat. The award is sponsored by the National Wildlife Federation and the Sears - Roebuck Foundation.

ROBERT H. DAYFIELD, Fishery Biologist 1, recently received his Master's Degree from Marshall University, West Virginia.

Bureau of Sport Fisheries and Wildlife -- Concord

The largest River Basin study now underway is the Southeastern New England Study which includes Rhode Island and all the area in Massachusetts east of Worcester. Development of a land and water resource plan to accommodate projected populations without additional environmental degradation is our task.

Evaluation of prospective pumped-storage power sites in New England as well as nuclear sites is a continuing responsibility.

On June 28, RALPH BOOMER and DEWEY CASTER, fisheries biologists, and CHARLES KJOS and ROBERT SCHEIRER, wildlife biologists, joined the staff at the Concord Area Office. On August 30, ROY LANDSTROM, wildlife biologist, transferred to Concord from the Denver Wildlife Research Center.

Bureau of Sport Fisheries and Wildlife -- Laconia

This station conducted fishery management operations on Federal areas in Maine, Massachusetts, Rhode Island, and New Hampshire. We completed fish sampling for the National Pesticide Monitoring Program for fall of 1971 on the Kennebec and Penobscot rivers in Maine, the Merrimack River in Massachusetts, and the Connecticut River in Connecticut.

WILLIAM A. HUGHES was appointed Fishery Management Biologist in June. (Bill received a Master's Degree in Oceanography from Texas A & M.

Water Supply and Pollution Control Commission -- Concord

Our project of mixing compressed air into area lakes continues. After treatment, Kezar Lake in Sutton had more days of 4 foot transparency than ever before. However, the same operation produced inconclusive results in Lakes Winnisquam and Province.

The spray irrigation project at Mt. Sunapee State Park was very successful.

RICHARD KINNIBURGH, Chief of the Water Laboratory, left for private enterprise after over 19 years with this agency.

NEW JERSEY

Department of Environmental Protection

We are conducting several D-J projects including a study of summer flounder recruitment and striped bass wintering populations and an attempt to improve trout and warm-water angling. One major estuary is studied each year as a Commercial Fisheries R & D project. Data collected includes fish distribution, water chemistry, and use by man.

RUSSELL COOKINGHAM became Director of the Division of Fish, Game and Shellfisheries. He filled the position left vacant by the retirement of LESTER G. MACNAMARA.

New staff hired this year includes: VINCENT MCDERMOTT stationed at the Nacote Creek Marine Lab; WALTER MURAWSKI returned after a very short stay with the New York Department of Environmental Conservation; Chemist ARTHUR JULIAN assumed duties at the Lebanon Fisheries Lab; and CHARLES BYRNE is our new Fisheries Technician at the Charles O. Hayford Hatchery.

Director Cookingham - elected chairman of the Delaware River Basin Commission's Fish and Wildlife Technical Advisory Committee. PAUL HAMER - re-elected to the office of Secretary of the Atlantic States Marine Fisheries Commission - Middle Atlantic Section.

The Charles O. Hayford Hatchery is being improved. Test wells are being drilled and addition water flow analyzed. In the hatching house, eight Heath drip incubators have replaced the older wooden troughs. In the warm water area of the hatchery several ponds are being changed in size and shape.

NECROLOGY

CHARLES O. HAYFORD, former Chief of the Bureau of Fisheries and father of the present Chief, Robert A. Hayford, passed away in November, 1971.



The Charles O. Hayford Hatchery was named for this man. Mr. Hayford was called by many "The Father of Fisheries in New Jersey".

Environmental Protection Agency

Edison Water Quality Research Division

Effective 2 December, 1970, the Federal Water Quality Administration became a part of the Environmental Protection Agency. The Regional Office was transferred to New York City from this location. The Edison office will still continue to function and the programs at Edison will include the laboratory, field operations, training, and will house the Edison Water Quality Research Division of the National Environmental Research Center. Work here is in support of the New York Office. The Edison operation is under the leadership of KENNETH H. WALKER.

NEW YORK

New York Department of Environmental Conservation

There was a general reshuffle of fisheries personnel to comply with legislative budget cuts in 1971, and to make optimum use of employee talent in some difficult jobs. KENNETH F. WICH has moved from Fish Management Section in Bureau of Fish to acting Assistant Director, Division of Fish and Wildlife; MAURICE OTIS from Lake and Stream Improvement Section to Associate Natural Resource Planner in Division (functioning as the key budget and administrative assistant); HOWARD A. LOEB from Fish Research and Development Section to head a staff task force writing a comprehensive fish and wildlife plan; H. ROBERT VAN WIE is expected to replace Otis as head of the Lake and Stream Improvement Section; and DEAN M. BOUTON from Rome to Cape Vincent Fisheries Station to work on lamprey control and salmonid restoration programs.

Other key personnel have been assigned to several task forces and committees relating to Department and Division reorganization, long range planning for natural resources management of the Adirondack Forest Preserve and other priority staff jobs.

WALTER KELLER, Senior Aquatic Biologist has accepted new duties as editor of "New York Fish News," an informal quarterly publication.

Experimental Fish and Fishery Control,
ROBERT ENGSTROM-HEG, Project Leader

Research continues on controlled introduction and detoxification of piscicides, long-term marks, and a new study on environmental effects of piscicides. A model was developed that predicts downstream arrival pattern of a chemical from maximum and minimum travel time between two points on a stream. Activated carbon was found to be a satisfactory detoxicant for rotenone in some small-stream situations. Cold thermal brands appear to constitute a lifetime mark on brook trout over 4 inches. In general, aquatic insects are found to be more resistant to rotenone than most target fish.

Some are killed in any treatment, but massive kills can be avoided by controlling concentration and exposure time.

Ecology of Warm Water Fish in New York,
JOHN L. FORNEY, Project Leader

Study of predator-prey relation between walleyes and yellow perch in Oneida Lake continues. A thesis by PETER HOFMANN relating fluctuations in walleye production to annual variation in perch abundances is nearing completion while JOHN CHEVALIER has examined effects of perch abundance on walleye cannibalism (M.S. Thesis: Cannibalism as a factor in first year survival of walleyes in Oneida Lake). MARTIN TARBY initiated a study in 1971 on how the primary forage resource (young perch) is proportioned in Oneida Lake between cannibalistic adult perch and the walleye population. Working at a lower trophic level RICHARD NOBLE has documented effects of zooplankton abundance and composition on annual production of young perch. A 28-foot lobster boat was added to the Oneida Lake fleet in 1971. Powered by a 125 hp Ford Diesel and equipped with hydraulic winches and stern booms it serves as a trawler.

Cold Water Fisheries Investigations,
DANIEL S. PLOSILA, Project Leader

The Cold Water Fisheries Investigations Unit moved into office and laboratory space in Environmental Conservation's new Regional Headquarters Building at RayBrook during April. Field work to determine survival and growth of two strains and three age groups of planted lake trout was completed in nine northeastern lakes. A comparative study of the field performance of domestic, wild and hybrid strain brook trout under general trout fishing regulations was also completed. Field performance of two promising hybrid brook trout strains managed under more restrictive regulations will now be determined in several ponds. Hatchery performance of wild and hybrid brook trout fingerlings and short-term storage of brook trout milt are being studied in cooperation with Fish Propagation.



Muskellunge Culture Studies,
RICHARD DUMAS, Project Leader

This is a new project initiated to solve problems affecting success and annual stability of culturing muskellunge fingerlings. Work in 1971 was largely exploratory, revolving around forage production techniques. Literature review and planning have been important aspects in the first segment of project development.

Population Dynamics of Certain Cayuga Lake Fishes with Particular Reference to Management in the Finger Lakes and the Great Lakes,
WILLIAM D. YOUNGS, Acting Project Leader

During 1971 operations at the Cayuga Inlet Fishway 967 adult rainbow trout were processed in the spring and to date about 200 during the fall run. Creel census was conducted during April to determine angler harvest of rainbow trout spawning in the Inlet. The young-of-the-year rainbow population in the Inlet was estimated to be 31,808, with an estimated 7,113 yearling and older rainbow trout.

In all, 2,937 adult sea lampreys were trapped and removed from the Inlet fishway facility.

Experiments at the spawning channel at Myers Point consisted of planting 45,884 eyed rainbow trout eggs taken from Cayuga Inlet and Salmon Creek and studying their movement, feeding and survival. (Survival to exit from the channel structure was approximately 50 percent.) In addition, 50 adult rainbow trout were allowed to spawn in two channels and 3,051 young trout were produced.

Cape Vincent Fisheries Station Highlights
WILLIAM A. PEARCE, Station Director

In 1971, responsibilities of the station were broadened to include not only research but fish management for Lake Ontario. Primary program emphasis was directed at completion of pre-lamprey control ammocete surveys in Lake Ontario tributaries; initiation of special lamprey spawning nest count and adult collection studies; evaluation of coho and chinook salmon returns and associated lamprey predation prior to lamprey control which is scheduled for 1972; collection and preservation of salmon for pesticides, heavy metals and PCB analyses and development of a comprehensive fish and wildlife management plan for Lake Ontario. Funding for most of the above studies was from Federal Aid Project FA-2 "Anadromous Fish Enhancement in Lake Ontario" in which TOM JOLLIFF is Project Leader. Intensive checks of Chaumont Bay commercial trap net catches were made to estimate smallmouth bass netting mortality under the direction of GERARD LETENDRE.

The station continued to coordinate programming with the many commissions and agencies that have responsibilities in the Great Lakes. Preliminary plans were developed in cooperation with BSWF and Ontario Department of Lands and Forests personnel for a 1972 Lake Ontario fish stock inventory. The project

will be coordinated with other intensive studies being carried on in Lake Ontario during the 1972 International Field Year on the Great Lakes (IFYGL) as part of the International Hydrological Decade Program.

Rome Fish Pathology Laboratory Highlights
NEIL EHLINGER, Associate Fish Pathologist

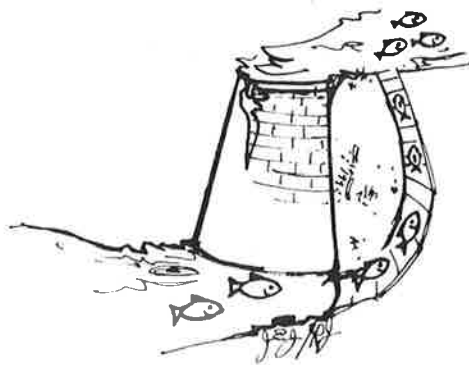
The Fish Research Unit of the Fish Pathology Laboratory sampled wild and hatchery trout populations for IPN (Infectious Pancreatic Necrosis) virus to prevent the spread of this disease within developing wild brook trout brood stock waters and hatcheries rearing selected wild or hybrid strains. Concurrently, the unit has investigated other fish disease outbreaks among the State's fish hatcheries. A disease, previously unobserved, involving fungi and bacteria and affecting brook and brown trout, is currently under intense investigation.

The Propagation Section produced and stocked 566,815 pounds of fish in 1970-71; including 32,920 muskellunge fingerlings, 122,000 coho and 149,300 chinook salmon into Lake Ontario and 96,000 coho into Lake Erie.

The St. Lawrence Hatchery, a warmwater culture station was closed down and personnel transferred to vacant positions in other hatcheries.

We had only a slight staff increase this year: WILLIAM O. CHAMBERLAIN is a Fish and Wildlife Technician at the Adirondack Fish Hatchery; ROBERT EVELEIGH, the new Maintenance Man at the Cape Vincent Fisheries Station; and DALE NESBITT appointed Laborer at the Caledonia Fish Hatchery.

The following personnel have been promoted or reassigned: ALDEN L. BOULERICE from Laborer to Fish and Wildlife Technician; NORMAN B. YOUNG appointed Principal Fish and Wildlife Technician at the Bath Fish Hatchery; REED D. BULLARD, Laborer at the Caledonia Fish Hatchery, returned from Military Service; PATRICK CHERRY is now stationed with the Randolph Stream Improvement Unit; PAUL J. GRIFFIN transferred to the Oneida Fish Hatchery; and HERBERT G. LAKE to the VanHornesville Fish Hatchery.



RETIRED

GERALD G. BOCK
ARTHUR CLARKSON
CHARLES R. DEUEL
DAVID C. HASKELL
WILLIS D. HASTINGS
RAYMOND G. NORTON
BURTON SEARLES
ALAN SMITH
PHILLIP STRONG

RESIGNED

CAROL BELISARIO
WAYNE ELLIOT
THOMAS H. MCCARTNEY

NECROLOGY

GORDON L. RUMSMOKE, 1 April, 1971; Laborer, Oneida Fish Hatchery.

ALFRED H. STANZ, 6 January, 1971; Laborer, Randolph Fish Hatchery.

Marine and Coastal Resources Unit

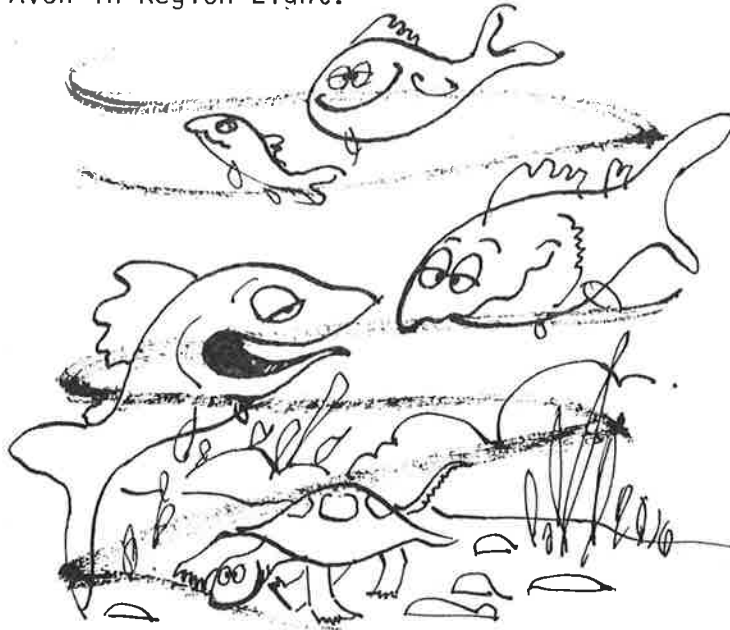
The Division of Marine and Coastal Resources is now the Marine and Coastal Resources Unit of Region I under the recent reorganization of the Department of Environmental Conservation. We are pleased to be working with our new Acting Director, GEORGE HUMPHRIES.

We have several important research projects underway. DAVE GREENE is attempting to artificially spawn summer flounder. If successful, he hopes to apply stresses in temperature and salinity to see what effects they have on egg and larval survival. PHIL BRIGGS is continuing the investigation into the populations and movements of tautog and black sea bass at artificial reefs. Included in this is a study on the age and growth of black sea bass. DON ZACCHEA is studying the effects of heated water on the growth of the bay scallop during the fall, winter and spring. ROY HAJE is beginning a study of burrow selection by the American lobster. KEN KOETZNER and DICK FOX are studying some noxious algae. Ken continues his research on Cladophora gracilis, and Dick is working on Codium fragile.

ARTHUR BRAND, at Oyster Pond in Montauk, is concerned with the artificial cultivation of oyster seed. He is trying to develop Oyster Pond as a source of oyster seed. CHET ZAWACKI continues to maintain artificial reefs and monitor certain aspects of electric power plants. In addition to his main laboratory at the Rondondoma office, JIM REDMAN has taken over the responsibility of a new mobile laboratory. With this new facility, he eliminates much of the delay between the collection and processing of water and shellfish quality samples. Many procedures carried out at Ronkonkoma may now be done "on the spot". JACK FOEHRENBACH is concerned with mercury residues in fish (primarily large striped bass) and shellfish. We have recently added an air and water quality unit staffed by BOB CAPP and ART KOERBER. DAVE ROWAN is our new Pesticide Inspector.

We had several promotions during the past year: ART BRAND, PHIL BRIGGS, DICK FOX, DAVE GREENE, ROY HAJE, CON ZACCHEA and CHET ZAWACKI are now Senior Aquatic Biologists (Marine); SAMUEL FINKELSTEIN, KEN KOETZNER, JIM REDMAN, JOHN SPAGNOLI and PETER VANVOLKENBURGH all advanced as Associate Aquatic Biologists (Marine); DICK SCHAEFER is now Supervising Aquatic Biologist (Marine); while WILLIAM MILLER and JOHN POOLE were promoted to Principal Aquatic Biologist (Marine).

DAVE WALLACE recently transferred to NOAA in Washington, D.C. and BOB BATSON went to Avon in Region Eight.



"We're lucky. This stream could be next to a paper mill instead of a brewery."

Cornell University

There have been some recent name changes at Cornell. The Department of Conservation is now the Department of Natural Resources, and "and Life Sciences" has been added to the name of the former College of Agriculture. DWIGHT WEBSTER, who served as head of the Department of Natural Resources for the last five years, will step down early in 1972 and return to full-time research and teaching. Professors AL EIPPER and RAY OGLESBY have been busy with teaching, research, publishing, and other academic responsibilities. Professor CLARE CARLSON, Assistant Leader of the N. Y. Cooperative Fishery Unit, accepted a position in the Department of Fisheries and Wildlife Biology at Colorado State University effective 1 January, 1972.

Research Associates JOHN FORNEY and RICH NOBLE are continuing their research on the fish community of Oneida Lake. BILL YOUNGS taught a course in Fishery Science and worked on his doctoral dissertation. Research Associates DAVID GREEN and CARL SCHOFIELD are working on Dryden Lake and Adirondack ponds, respectively. Carl received his Ph.D. degree in June, 1971. BILL SCHAFFNER

joined the staff as a post-doctoral research fellow working on Ray Oglesby's program of field and theoretical studies of eutrophication. Bill has a Ph.D. in Biological Oceanography from Cornell. ROY MILLER and ALLEN BEJDA recently received their M.S. degrees and accepted employment with the Wildlife Resources Commission, State of North Carolina and Sandy Hook Marine Laboratory, respectively. BRENDAN HUTCHINSON has been on an extended leave from his Ph.D. program to assist a citizen's group intervening in an AEC operating permit hearing in Vermont. Other graduate students are MAC SHEALY, ED MILLS, PAUL GODFREY, DOUGLAS CARLSON, JOHN BOREMAN, and MARTIN TARBY. New graduate students in Fishery and Aquatic Science are LOUISE BEHRMAN, PAUL CHAMBERLAIN, GUDNY EIRIKSDOTTIR, STEVE LATHROP, and YAO-SUNG LIN.

NOVA SCOTIA

Resource Development Branch
Department of the Environment of Canada -- Halifax

The Resource Development Branch under Chief C. P. RUGGLES now functions as four sections: the Pollution Section under the direction of J. A. DALZIEL, Environmental Protection Section under D. C. RILEY, the Development and Expansion Section under D. B. LISTER and Fisheries Management and Investigation Section under N. E. MACEACHERN.

Pollution Section

During 1971, a program was launched to evaluate mercury concentrations in aquatic organisms throughout the three Maritime Provinces. Another major program launched in 1971 and scheduled to run for two years is the Northeastern New Brunswick Mine Water Quality Program. One purpose of this program is to evaluate heavy metal toxicity and propose minewater quality standards on this basis. The Pollution Section is examining and evaluating chemical and biological conditions in the Saint John River as part of the two-year Saint John River Basin Study.

In addition, much time has been spent investigating and establishing effluent standards for pulp mills and food processing plants of the Maritimes.

Several gains have been made in the fight against water pollution. Both Fraser's Pulp Mill, Edmundston and Irving Pulp Mill, Saint John are planning waste treatment facilities.

Environmental Protection Section

Evaluation of tidal structures played a significant role in fish passage research this year. Two major projects evaluated effects of causeway dams on the Petitcodiac River, New Brunswick, and Pictou Harbour, Nova Scotia. Studies were concentrated on the Petitcodiac River causeway, where extreme tidal fluctuations in the Bay of Fundy (in excess of 25 feet at the causeway) provided numerous problems for fish passage. Studies on Atlantic salmon involved monitoring their movement past the causeway and the use of water control gates at certain tidal stages to provide attraction and auxiliary passage routes for migrating fish.

Development and Expansion Section

In 1971, 147,000 hatchery-reared salmon smolts were tagged and released in 7 New Brunswick and Nova Scotia rivers as part of a 5-year evaluation of the contributions of Atlantic salmon hatcheries to fisheries in the Maritimes Region.

Hatchery smolt tagging in 1968, the first year of the evaluation program has shown that contributions to fisheries amounted to at least 1% of the total releases and that 50% of these contributions were made to distant fisheries in Newfoundland and Greenland.

Fisheries Management and Investigation Section

Salmon Management

Because of continuing decreases in the Maritimes' salmon stocks in recent years much emphasis has been placed on providing adequate spawning escapements to two major river systems, in particular, the Miramichi and the Saint John. Restrictions in commercial and angling seasons implemented for the first year in the Miramichi in 1971 and for the third year in the Saint John enabled additional early run large salmon to reach the spawning grounds. Spawning escapements to these rivers were still well below the optimum level.

A drastic decline in salmon stocks entering Maritime rivers this year also resulted in very low commercial and angling catches.

As a result of continuing low salmon stocks, Salmon Management Advisory Committees for the Miramichi and Saint John River have been organized to involve commercial and angling interests as well as provincial and federal fisheries agencies in helping identifying problems and recommending possible solutions.

Oyster Culture

Large scale off-bottom oyster rearing trials are being continued. Commercial application of the techniques developed are being implemented by the Crane Cove Oyster Company of Eskasoni, Cape Breton, Nova Scotia.

An oyster spatfall monitoring program is also being conducted on a Maritime-wide basis, to determine where spat can be reliably collected by commercial operators.

Resource Inventory

A resource inventory study of the lakes in the Halifax - Dartmouth area of Nova Scotia was begun in 1971. Data were collected on current fish populations, the suitability for introduction of other species, locations and extent of potential spawning and rearing areas and general water quality. Surveys were conducted on 28 lakes during the season.

Saint John River Basin Ecology

This year, in cooperation with the Saint John River Basin Board, the Branch launched a 2-year study of aquatic ecology in the Saint John River. Before the project finishes in 1973, the aquatic flora and fauna will be described and catalogued, and the rates of primary, secondary and tertiary production estimated. The aim of these investigations is to provide information for a comprehensive planning study on how biological systems have adjusted to the present pollution load in the river and to predict their probable response to change.

Biologist LES DOMINY is coordinating this project with 4 new professionals on the staff: FRED F. METH, WALTON D. WATT, GARETH H. HARDING, and PETER M. KEACHIE.

Other new employees: D. COFFEY, I. SHERBIN, and R. COTE (Pollution); C. L. MCLEOD (Environmental Protection); R. GRAY, G. JENKINS, A. KUMBHARE and C. FRANTSI (Development and Expansion); R. LAVOIE, A. MCIVER and R. ALEXANDER (Management and Investigation).

R. HYATT, Fish Disease Biologist, resigned in September to take up a career in agriculture. T. HUMES returned to the University of New Brunswick to conduct post graduate studies in water resource engineering. G. T. BEAULIEU accepted a position in Ottawa as Engineering Advisor in the Resource Development Branch. J. MILLEN is now a senior engineer with the Fisheries Service in Winnipeg, Manitoba.

C. E. WYKES - elected as a Director in the Atlantic Region of the Canadian Society of Wildlife and Fishery Biologists.



ONTARIO

• Department of Lands and Forests

Since the last Newsletter, the Department of Lands and Forests has undergone a major re-organization. The Department has established Regional Offices at Thunder Bay, Sudbury and Richmond Hill to improve decentralization of service to the public, decision making, long range planning and co-ordination of functions. Responsibility for fisheries activities in these three areas lies with the Regional Recreation Program Managers: K. K. IRIZAWA, R. M. CHRISTIE and W. H. CHARLTON.

At the Main Office level, divisions of Resource Development, Outdoor Recreation, Land Management, and Administration were created to co-ordinate areas of common responsibilities.

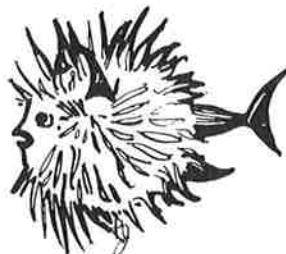
The former Fish and Wildlife Branch was divided into the Commercial Fish and Fur Branch (Director, M. J. BRUBACHER) under the Resource Development Division (Executive Director, A. J. HERRIDGE); the Sport Fisheries Branch (Director, J. D. ROSEBOROUGH) and the Wildlife Branch (Director, F. A. WALDEN) under the Outdoor Recreation Division (Executive Director, S. PETERS). This occurred co-incidentally with the retirement of C. H. D. CLARKE as Chief of the former Fish and Wildlife Branch.

Our Research Branch has retained its original status, with fisheries activities remaining in the able hands of K. H. LOFTUS.

The Commercial Fish and Fur Branch, under M. J. Brubacher, is staffed by J. W. ROUSOM as Supervisor of the Commercial Fisheries Section, with G. ADAMS and D. BROOK.

Stress has been obvious in the commercial fish industry as a result of wide spread analyses and stringent adhesion to the internationally accepted safe limit of 0.50 ppm. mercury in fishery products. A Fisheries Loans Committee was established to administer financial support to fishermen affected by regulatory closures of specific waters. George Adams is our appointed member of this committee.

Industrial development programmes are being conducted in Lake Erie and the western basin of Lake Superior to assess the effectiveness of trawling for coarse fish and smelt. Further work on the feasibility of white fish trap net fishing in recreational lakes is underway in our northern districts.



The Branch is involved with establishing a revised electronic data processing (EDP) system for improved commercial fisheries information filing and retrieval.

The Sports Fisheries Branch, under M. J. Roseborough, has reorganized to form the following sections: Planning: G. C. ARMSTRONG, Management Information Section: F. P. MAHER, Program Co-ordination Section: D. P. DODGE, and Administration Section: J. C. WEIR.

Mercury analyses and effort co-ordination is being guided by A. E. ARMSTRONG. Activities with this and other pollutants, as they affect our fisheries, have been an important part of our recent duties.

Fish hatchery systems planning by D. C. SINCLAIR will efficiently economize and modernize our efforts. Systems preparation and studies into the use of hot water effluent from a hydro electric plant for salmonid production have involved the co-ordination of a broad spectrum of disciplines. If acceptable, this massive source of water will enable us to meet our commitments for the rehabilitation of our Great Lakes with ease.

W. STRAIGHT is developing angler catch sampling techniques and is co-ordinating angler demand studies. ED. COX, formerly of our Lindsay district, has tackled the extension aspect of fisheries. C. MONK developed and expanded an active fisheries information system to cope with public demands in the area. K. J. CHAMBERS has been transferred to the Southern Regional Office.

Culminating three years of effort, the Research Branch hosted the SCOL (Salmonid Communities in Oligotrophic Lakes) Symposium at Geneva Park during July, 1971. The objective; to identify and describe the effects of three major stresses; i.e. eutrophication, exploitation, and introductions, on fish communities. International in scope, the participants were well prepared, not to listen, but to discuss and attempt to synthesize the material; perhaps the first brainstorming session in fisheries research.

C. A. (SANDY) LEWIS left his position with our Research Branch to head up the development of a fish management group in the Northwest Territories based in Yellowknife. R. A. RYDER spent three months with F.A.O. on the Volta Reservoir in Ghana.

D. DODGE joined our staff to co-ordinate the lake study units while PETER COLBY is directing the Walleye Research Unit at Thunder Bay.

Other personnel transferred during the year include: PETER IHSEN is now a member of the Selective Breeding Research Unit; J. WILLIAMSON to the Sioux Lookout district; H. MANSON joined the Normandale hatchery staff; A. HOLDER is the new district forester for the White River; another district forester, D. R. JOHNSTON moved to Kemptville; M. MCKENZIE assumed a fish and wildlife supervisor's position at North Bay as did R. WOLF (Lake Erie); JOHN KELSO is working on the impact of a thermal generating plant adjacent to Long Point Bay in Lake Erie; the new fish and wildlife extension biologist in the Lake Huron district is DOUG HOWELL; and N. R. (BOB) PAYNE works out of Owen Sound as leader of the Lake Huron Management Unit.

University of Waterloo
Department of Biology

Members of the department have been active in a number of areas. H. C. DUTHIE continued a study of water quality and biological production in lakes being modified by the Churchill Falls, Labrador hydro-electric development. A proposal to expand the study to include fish was rejected. C. H. FERNANDO is involved in work with fish parasites and their effects on fish mortality. Recent publications have dealt with the parasites of yellow perch. G. POWER has been active in the development of the Matamek Research Station, a facility of the Woods Hole Oceanographic Institution. The Quebec Government recently agreed to protect the 400 square mile Matamek watershed as a scientific preserve. Activities of the station have included a study of the stocks of Atlantic salmon spawning in rivers discharging into the north shore of the Gulf of St. Lawrence. The study was timely as in 1971 changes in the composition of the catch and general decline suggest the Greenland fishery is having a marked influence on N. American stocks of Atlantic salmon. Studies of the factors controlling trout production, the behaviour of salmon and trout and the influence of fish on zooplankton are also underway.

P. S. CORBET is our new Department chairman and H. B. N. HYNES is spending his sabbatical leave at Monash University, Australia.

GUIDE FOR EMPLOYEE PERFORMANCE RATINGS

Performance Factors	Far Exceeds Job Requirements	Exceeds Job Requirements	Meets Job Requirements	Needs Some Improvement	Does Not Meet Minimum Requirements
Quality	Leaps tall buildings with a single bound.	Must take running start to leap over tall buildings.	Can leap over a medium building or short buildings w/o spires.	Crashes into buildings when attempting to leap over them.	Cannot recognize buildings at all, much less jump.
Timeliness	Faster than a speeding bullet.	As fast as a speeding bullet.	Not quite as fast as a speeding bullet.	Would you believe a slow bullet?	Wounds self with bullet when attempting to shoot gun.
Initiative	Stronger than a locomotive.	Stronger than a bull elephant.	Stronger than a bull.	Shoots the bull.	Smells like a bull.
Adaptability	Walks on water consistently.	Walks on water in emergencies.	Washes with water.	Drinks water.	Passes water in emergencies.
Communication	Talks with God.	Talks with the Angels.	Talks to himself.	Argues with himself.	Loses those arguments.

PENNSYLVANIA

Pennsylvania Fish Commission

The Pennsylvania Fish Commission has been reorganized into bureaus. The Division of Fisheries and the Division of Engineering has been incorporated into a single bureau, the Bureau of Fisheries and Engineering, with EDWARD R. MILLER as Bureau Director.

Important projects include: a study of the life cycle of Myxosoma cerebralis; a survey and inventory of the fishes, habitat, and recreational fishing opportunities on the Allegheny River from the Allegheny Reservoir to Franklin; a joint effort to study the anadromous fishes of the Delaware River; the restoration of shad runs in the Brandywine; the feasibility of fish culture in vertical units in series; a study of the fishes and environmental quality of Lake Erie; and an evaluation of the chemical composition and impact on receiving streams of fish hatchery effluents.

New employees include: BRUCE HOLLENDER, a graduate of Wisconsin State University as an aquatic biologist in the management section and VINCENT MUDRAK, a graduate of The Pennsylvania State University, as an aquatic biologist in the research section.

We completed new warmwater ponds, lab, and offices at Linesville; a new trout hatchery at Big Spring in Cumberland County; extensive renovation of raceways at Corry, Pleasant Gap, and Huntsdale; construction of visitors center, offices, and garage at Huntsdale; and construction of a visitors center and new central office for the Division of Fisheries at Pleasant Gap. The central office was previously located at the Benner Spring Station.

Pennsylvania Cooperative Fisheries Unit

ROBERT BUTLER, Unit Leader, produced one of the best "X" rated fisheries films in recent years: "Reproductive behavior of the Eastern Brook Trout, *Salvelinus fontinalis*." He serves on the board of directors for the Central Penn Chapter and Penns Creek Chapter of Trout Unlimited. Assistant Leader, ROBERT RALEIGH, is a member of the executive committee of the Central Penn Chapter. His talk on cold branding of fish presented at the Southern New England Chapter meeting in December produced a great deal of interest and comment.

Pennsylvania Cooperative Fisheries Unit

Current Research

Investigation of fish ecology as related to water quality.
Project Leader: Butler; Graduate Student: Alice Kline (M.S.).

Aberrations in behavior patterns are being investigated as possible chronic toxicity bio-assay tests with fishes. Baselines of behavior are established under controlled conditions for selected species of fish and compared with their behavior at altered levels of pH and dissolved oxygen.

To date cover utilization has been studied at pH levels of 7.0 to 4.0 using four species of fishes, longnose dace, rock bass, smallmouth bass and brook trout. Utilization of cover for longnose dace, rock bass and smallmouth bass (ages I-III) did not change significantly over the pH range tested. Young-of-the-year brook trout and smallmouth bass exhibited a significantly depressed use of cover at pH 4.0. Behavioral response to cover is not depressed in a linear fashion with decreased pH, but appears to be a threshold phenomenon.

The effect of topical location and changes in hue on the recognition of cold brands in fishes.

Project Leader: Raleigh.

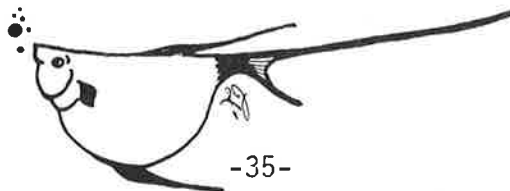
An ideal method for marking fishes should be inexpensive, rapid and easy to apply and should result in a durable and easy to recognize mark. It should provide a large combination of identifying marks and should not effect the growth, survival or behavior of the fish. Of the variety of marking methods available today, cold branding using a liquid nitrogen coolant best satisfies these requirements.

The most frequent complaint voiced against cold branding has been a high variability in the quality and subsequent recognition of the brand. Our studies using six species of fishes, rainbow, brook and brown trout, rock bass, red breasted sunfish and smallmouth bass, have indicated that if proper precautions are exercised in applying the brand to selected locations on the fish and subsequent examinations for marks utilize the ability of fishes to change hue, a durable, easily recognizable brand can be produced.

A study of the relationship between chemical water quality and fish and benthic macroinvertebrate diversity in French Creek, Chester County, Pennsylvania.

Project Leader: Butler; Graduate Student: Ralph Heister.

Sampling, throughout the length of the stream, was designed to include seasonal variation of chemical and biological features, selected 24-hour observations of oxygen, specific conductance, pH, total alkalinity, air and water temperature, and type of substrate in the stream. Measurements of dissolved oxygen, biochemical oxygen demand, phosphate (ortho), nitrate and N, pH, specific conductance, and other ions were determined quarterly at all stations. A technique for sampling benthic macroinvertebrates utilizing a hand screen was used to capture the maximum number of species and individuals with a minimum of sampling. Three consecutive samples of fish were taken with electro-fishing apparatus to obtain an estimate of the fish population and species diversity at each of four stations in August, 1969. Grab samples



were collected to determine the total coliform M.P.M./100 ml, fecal coliform per 100 ml, and fecal streptococci per 100 ml. The biotic index and index of diversity related changes in the abundance and kinds of fish and benthic macro-invertebrates to the degradation of water quality.

Vulnerability of wild brown trout to fly fishing under catch-and-release regulations.

Project Leader: Butler; Graduate Student: Jim McLaren (M.S.).

A public catch-and-release program was conducted during 1969 to a 2/3 mile section of Spruce Creek running through land owned by The Pennsylvania State University. The object of the study was to determine the effects of catch-and-release regulations on the survival and repeated capture of individuals of a wild brown trout population. Trout were collected by electro-fishing and tagged prior to the season opening. Fishing was controlled by a permit system. Anglers recorded the tag number of fish caught and released.

Exploitation by daytime angling indicated that catch-and-release regulations may be of limited value in a wild brown trout fishery. Only 25% of the tagged trout were caught with a fairly concentrated fishing pressure (290 hours per acre). Fish that were caught and released continued to have a probability of capture of about 25% for up to four successive captures. Based upon other studies it is assumed that this rate of exploitation would not be detrimental to the reproductive success of the population.

A high exploitation rate and frequent recapture of released fish occurred with hatchery-reared brook trout and rainbow trout. Hatchery-reared trout, or trout species more vulnerable to angling than brown trout, are considered to be more suitable for catch-and-release fisheries than most wild brown trout populations.

Competition among hatchery reared and wild brown trout.

Project Leader: Raleigh; Graduate Student: Jim McLaren (Ph.D.).

Hatchery trout are being stocked in streams supporting populations of wild trout with little firm knowledge of the long term effects on either group. Competition between the two groups quite likely affects the growth, survival and movements of fish from both sources.

This past fall three study sections of Spruce Creek, Huntingdon County, Pennsylvania, were enclosed by weirs containing upstream and downstream fishing traps. Each study section contained resident wild brown trout. Section one was used as a control while hatchery reared brown trout were stocked in sections two and three. Section three was subjected to a sports fishery. All fish in all three sections (wild and hatchery) were cold branded.

During the first four weeks of the study 55 hours of fishing were compiled on section three. Of the hatchery trout stocked in this section 58% were caught, 3% moved upstream and 5% died. During that same time period 11% of the wild trout were caught; none died or moved from the section.

Most movement and mortality of fish occurred in section two, possibly reflecting a greater density of trout. Seventeen percent of the hatchery trout stocked in this section died and 20% moved out of the section. Nearly all of the movement and mortality occurred during the first week. Over this same period of time 1% of the wild trout died and 4% moved out. In the control section 2% of the wild residents died and 17% moved upstream.

The study is just starting and data on growth and other aspects of competition are still being compiled.

A quantitative analysis of the behavioral repertoire of stream dwelling smallmouth bass, Micropterus dolomieu.

Project Leader: Butler; Graduate Student: Ron Kluda (Ph.D.).

The study has emphasized the behavior of individual fish in a smallmouth bass population under three densities of cover. It attempts to relate the movement of an unhampered population to the growth of individuals versus the growth of similar size smallmouth bass in confined areas supplied with an abundance of forage fish. The objective is to relate behavioral activities to the bioenergetics of a population.

The Pennsylvania Cooperative Fishery Unit has received delivery on an oval shaped P.V.C. (polyvinylchloride) stream aquarium. The aquarium is 40 feet long, four feet wide and 18 inches deep and has the capability to control water velocity, temperature, dissolved gases and many chemical features. It will be used to study fish ecology in relation to water quality.

Degrees Awarded

HEISTER, RALPH D. DEd. A study of the relationship between chemical water quality and fish and benthic macroinvertebrate diversity in French Creek, Chester County, Pennsylvania.

MCLAREN, JAMES. M.S. Vulnerability of wild brown trout to fly fishing under catch-and-release regulations.

RHODE ISLAND

Rhode Island Department of Natural Resources Marine Fisheries Section

The first return of alewives planted in the Annaquatucket River occurred last spring (1971), the first fish to ascend a fishway built under the Anadromous Fish Restoration Act. The total run was 70,000 adults. An Alaskan Steep-Pass fish ladder of prefabricated aluminum also successfully passed alewives last spring.

A total of 45,000 coho salmon smolts were stocked in the Ashaway River during April 1971. No grilse returned last fall, but a spectacular run is anticipated this year.

The successful introduction of northern pike into Worden Pond resulted in approximately 1,000 fish averaging over 3 pounds, with the catch expected to double in 1972.

Two joint projects with Mass. Division of Fisheries and Game resulted in transplanting 20 million smelt eggs into coastal streams and the liming of Wallum Lake. One year after the addition of 350 tons of crushed limestone the pH of Wallum Lake has risen from an average of 5.4 to 6.8 and DO reading up 2 ppm. Smelt and brown trout have been introduced.

RICHARE GUTHRIE returned from four years in Alaska to a fisheries biologist's job in West Kingston. The new Fish and Wildlife Field Headquarters was dedicated there in December.

University of Rhode Island

Graduate School of Oceanography -- Kingston

The Graduate School of Oceanography (GSO), established in 1961, is located on the 120-acre Narragansett Bay campus near Kingston. We have about 30 faculty and 130 graduate students.

Nearly every science-oriented discipline at the University has some marine specialization at the graduate level. More than 100 scientists -- about one-seventh of the entire faculty -- are engaged in marine-oriented research.

There are about four support personnel, including technicians, administrators, guards, janitors, and so forth, for each faculty member at the GSO. About half of the support personnel are technicians or research associates and have training that ranges from a bachelor's degree in some science to a doctoral degree. The GSO administers a marine experiment station as a base of operation for research in aquaculture, fishing gear and fish population dynamics.

The Graduate Department of ocean engineering has about 88 graduate students -- about 2/3 rds. seeking the M.S. degree and the remainder in the Ph.D. program. A doctoral degree program in economics with a marine option is offered through the joint efforts of several departments. A Master of Marine Affairs, the first program of its kind in the country, is a multidisciplinary effort of the departments of resource economics, geography, geology, ocean engineering, political science, and the Graduate School of Oceanography.

As a Sea Grant college, URI also has a public service function. The Marine Advisory Service provides field services in fisheries, marine economics, education and coastal development and management.

The New England Marine Resources Information Program, which has URI as its location, disseminates marine information on a regional basis, primarily through publications in such areas as aquaculture, water pollution and coastal studies. NEMRIP and the advisory service are staffed and administered by the

same people.

The Law of the Sea Institute serves as a kind of clearinghouse for information on international, regional and local marine law. Other marine-related programs at URI include the International Center for Marine Resource Development, the Water Resources Center, the Institute of Environmental Biology and the Marine Resources Program.

A Coastal Resources Center was recently established to help the state plan the uses and manage the resources of its coastal region. Plans call for the organization of a small technical and professional staff that would be able to handle both short-term and long-term planning for Narragansett Bay and other Rhode Island waters.

Commercial Fisheries Program

In 1967, the University of Rhode Island established, as part of its College of Resource Development, a department of fisheries and marine technology for students specifically interested in acquiring an education that would fit them for commanding a commercial fishing vessel or for finding employment in almost any other aspect of the commercial fishing industry. The department offers a two-year commercial fisheries program leading to an associate of science degree, the first such program in the country. Students take a total of 72 credits; 21 in general education subjects and the rest in professional fisheries courses.

Two training vessels are in regular use during the academic year: the 47-foot Gail Ann and a 21-foot workboat. The Gail Ann has been specially fitted for training in commercial fisheries to allow trawling, purse seining, gill netting and longlining. All fishing equipment is hydraulically operated and a complete complement of electronics equipment is fitted, including sonar, Decca navigator, two radar sets, a recording depth sounder, fish scope and ship-to-ship radio. The boat is used in regularly scheduled class sessions. Under the guidance of the instructors, the students operate the vessel on each trip, rotating jobs as skipper, engineer, navigator, mate and deckhand. During the final semester, trips of between 12 and 36 hours are taken.

RIGHT ON

The Army Corps of Engineers is always building dams and weirs
The Reclamation Board assumes that every desert ought to bloom
The Wildlife people often wish that all of the world were game and fish
The Conservationist a whiz at keeping nature as she is
The Church is known by its steeple
And no one gives a DAMN for people.

VERMONT

Vermont Fish and Game Department

Vermont's fisheries staff is still involved in an update of our Lake, Pond and Stream Inventory, which is near completion. We are also working on angler harvest of wild brook trout in a 37 acre pond. This pond is fished by permit only, allowing evaluation of harvest rates under different fishing restrictions. The effects of an illegal introduction of yellow perch on the wild trout population are also being studied.

Major efforts are being made to restore Vermont's landlocked salmon fishery. The outlook is good as our take of salmon eggs this year was better than previous years.

The inventory continued on Lake Champlain with most of the work concentrated in the "Inland Sea" portion of the lake. Specifications were prepared and bids submitted for construction of a 30 foot fishery boat equipped to handle trawl, gill and trap nets. The Lake Champlain walleye study was terminated in spring and a bulletin containing pertinent information is being prepared.

A mercury study was completed and a report is available. Data indicated that Hg concentrations found in Vermont fish resulted from natural background. All bans on the eating and selling of fish with the exception of walleye have been removed. The Health Department states that there is no danger from eating walleye, but recommends walleye meals be limited to once a week.

Wild lake trout were taken with gill nets from two lakes this year and 38,000 eggs obtained. The program will be expanded so our entire lake trout needs can be satisfied through instate trapping.

A creel census project was initiated to evaluate put and take trout stream stocking program. Preliminary results look promising, and with further refinement our stocking procedures should be more effective.

With the Bureau of Sport Fisheries and Wildlife, we are conducting a joint study to determine criteria for managing Atlantic salmon in Vermont waters. Objectives are to determine growth rates, stocking rates, survival and smolt production of fry versus fingerling plants. Two experimental introductions of Atlantic salmon, fry and parr, have been made in the Tweed River and growth, survival and stream distribution appears excellent.

ALEXIS KNIGHT of the Bureau of Sport Fisheries and Wildlife transferred from the Montpelier Field Station to the Laconia, New Hampshire Station, where he is now project leader. His replacement, JOHN GERSMEHL, reported to duty in June.

Construction has started on a district office in Glover to be completed in the spring of 1972. Within the next few years each of the five management districts will have similar facilities.

WEST VIRGINIA

Department of Natural Resources Division of Wildlife Resources

In April, 1971, the new Operations Center at Elkins was occupied. The building houses research personnel of the Division of Wildlife Resources, some management people and representatives from other divisions within the Department of Natural Resources, and the U.S. Fish and Wildlife Service. Facilities include a biology lab, a chemistry lab with a chemist and technician (employed by the Division of Water Resources), a necropsy room, library, office and storage space. PETE ZURBUCH, formerly Chief of the Division, has assumed the position of Assistant Chief for Research and Planning and is in charge of the building. DAN CANTNER, formerly Assistant Chief for Game Management, replaced Pete as Chief, and is located in the Charleston office.

ROGER SCHOUMACHER, Supervisor of Fishery Research, moved from Belleville to Elkins. ROBERT MILES assumed the position of District IV Fishery Biologist and will move from Belleville to Beckley in the near future. He replaced ROBERT SUMNER, who resigned. BERT PIERCE assumed the position of District III Fishery Biologist at French Creek. He replaces CHARLES HEARTWELL, who temporarily transferred to the Eastern Fish Disease Laboratory at Leetown for training in fish disease work.

New employees include ANTHONY KNABLE and TED MEYERS. Anthony is completing requirements for a Ph.D. from Southern Illinois University and works as Fishery Biologist on the planning unit. Ted completed work on his M.S. at Utah State and is the Leader, Warmwater Research.

GERALD LEWIS, District II Fishery Biologist at Romney, received an M.S. degree from West Virginia University. His thesis title is, "Life History of the Chain Pickerel, Esox niger Lesueur, in West Virginia, with Emphasis on Age and Growth."

Work continues on the Wildlife Resources Plan, with a completion date of 1 July, 1972. First drafts of most fish species plans have been completed.

MURPHY'S LAWS

- In any field of scientific endeavor, anything that can go wrong, will go wrong.
- Left to themselves, things always go from bad to worse.
- If there is a possibility of several things going wrong, the one that will go wrong, is the one that will do the most damage.
- Nature always sides with the hidden flaw.
- Mother Nature is a bitch.
- If everything seems to be going well, you have obviously overlooked something.

U. S. Fish and Wildlife Service

Eastern Fish Disease Laboratory -- Kearneysville

G. L. HOFFMAN presented a paper, "The effects of certain parasites on North American freshwater fishes" at a symposium on the effects of parasites on fish production at the International Congress of Limnology, Leningrad, USSR, in August. Enroute he was able to meet with fish parasitologists in England, France, Italy, Germany, Denmark, and Sweden. European fish disease workers are faced with problems very similar to ours and their progress in the diagnosis and control of parasitic diseases is very similar to that in the USA. Disease reporting and disease-free certification procedures are being developed in many countries.

Whirling disease work completed at the lab has demonstrated that 112,000 microwatts per second per square centimeter (MWS) of ultraviolet irradiation successfully disinfected water contaminated with Myxosoma cerebralis (whirling disease of trout and salmon). To achieve this dosage, the plumbing of an Ellner-8 water purifier was reduced in size to deliver approximately 8 liters per minute instead of 32. Work in progress indicates that 40,000 MWS is equally as effective.

In controlled experiments, quicklime spread on moist mud did prevent whirling disease. Other control experiments are in progress.

STANISLAS F. SNIESZKO, Laboratory Director since 1946, retired but will remain as a senior scientist. KENNETH E. WOLF, virologist at the Lab, will assume duties as acting director.





YOU MEAN YOU WANT THE
REVISED REVISION OF THE
ORIGINAL REVISED REVISION
REVISED ?

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PRELIMINARY PROGRAM

May 14 - 16, 1972

NORTHEASTERN DIVISION

Ellenville, New York

OF THE AMERICAN FISHERIES SOCIETY

UNDAY EVENING

10:30 - 10:40 am Coffee Break
 10:40 - 11:20 am Title & Author Tentative
 Joseph Shapiro
 Limnological Research Center
 University of Minnesota

11:20 - 12 noon Title not yet established (proposed area of eutrophication and fishes)
 Alfred M. Beeton
 Professor & Associate Director
 Great Lakes Study Center
 University of Wisconsin

1:00 pm Films: THE WAY OF A TROUT
 WETLANDS ON LONG ISLAND

TUESDAY AFTERNOON

1:30 pm GENERAL SESSION
 General Session
 Luncheon Meeting of Executive Committee

2:00 pm GENERAL SESSION
 THE METHYLATION OF MERCURY FOR THE WATER ENVIRONMENT
 Peter A. Krenkle
 Vanderbilt University

3:00 pm Business Meeting

3:00 pm SPECIAL SESSIONS
 WARM WATER SESSION

3:00 pm VITAL STATISTICS OF A CHAIN PICKEREL POPULATION IN A NEW YORK LAKE
 David M. Green
 Department of Natural Resources
 Cornell University

3:00 pm BEHAVIORAL INTERACTION OF THE MOSQUITO FISH AND THE PICKEREL
 Carl J. George
 Department of Biological Sciences
 Union College

3:00 pm INTENSIVE CULTURE OF MUSKALONGE AND THE MUSKALONGE X NORTHERN PIKE CROSS
 John M. Robertson
 Department of Natural Resources
 Lansing, Michigan

3:15 pm HEREDITARY GROWTH DIFFERENCES IN TWO POPULATIONS OF NORTHERN PIKE
 Thomas M. Jolliff
 Bureau of Fish
 N.Y.S. Department of Environmental Conservation

3:30 pm MANAGEMENT OF THE CHATAUGUA LAKE MUSKALONGE
 William F. Shepherd & Stephen R. Mooradian
 Bureau of Fish
 N.Y.S. Department of Environmental Conservation

3:30 pm PROGRESS REPORT OF THE INTERSTATE MUSKALONGE WORKSHOP
 Robert Maynard
 Bureau Fish Culture
 N.Y.S. Department of Environmental Conservation

3:30 pm ATLANTIC SALMON SESSION
 Chairman: D. P. Brent Lister
 Resource Development Branch
 Dept. of the Environment of Canada
 Fisheries Service
 Halifax, Nova Scotia

3:30 pm EVALUATION OF SALMON HATCHERIES IN THE MARITIMES
 J. A. Ritter
 Resource Development Branch
 Dept. of the Environment of Canada
 Fisheries Service
 Halifax, Nova Scotia

3:30 pm ARTIFICIAL RECONDITIONING OF ATLANTIC SALMON KELTS
 L. J. A. Ducharme
 Resource Development Branch
 Dept. of the Environment of Canada
 Fisheries Service
 Halifax, Nova Scotia

3:30 pm EFFECT OF TEMPERATURE AND TYPE OF FACILITIES ON RATE OF DEVELOPMENT & MORTALITY OF ATLANTIC SALMON EGGS AND FRY
 T. G. Carey
 Resource & Development Branch
 Dept. of the Environment of Canada
 Fisheries Service
 Halifax, Nova Scotia

3:30 pm FACTORS INFLUENCING THE RATE OF RETURN OF HATCHERY-REARED ATLANTIC SALMON SMOLTS
 Edward T. Baum
 Atlantic Sea Run Salmon Commission
 University of Maine

3:30 pm MARINE SESSION
 Chairman: Phil Briggs
 N.Y.S. Department of Environmental Conservation

3:30 pm ANALYSIS OF ZOOPLANKTON DISTRIBUTION IN WESTERN LONG ISLAND SOUND
 Ron Caplan
 Marine Sciences Research Center
 SUNY Stony Brook, New York

3:30 pm EFFECTS OF NUCLEAR POWER PLANTS ON STRIPED BASS or FISHES OF FLAX POND, LONG ISLAND, N.Y.
 Charles Hall
 Brook Haven National Laboratory
 Upton, New York

3:30 pm ECOLOGY OF THE SHARKS IN GREAT SOUTH BAY, N.Y.
 Michael Brim
 Marine Sciences Research Center
 SUNY Stony Brook, New York

3:30 pm APPLICATION OF MULTIVARIANT ANALYSIS TO PRIMARY PRODUCTIVITY & ZOOPLANKTON DISTRIBUTION AT A POWER PLANT SITE
 Russel Moll & Joseph Alesi
 Marine Sciences Research Center
 SUNY Stony Brook, New York

TUESDAY MORNING

9:00 - 9:10 am EUTROPHICATION SESSION
 Chairman: Matthew Scott
 Aquatic Biologist
 State of Maine

9:10 - 9:50 am Introduction & Open remarks by Chairman
 EUTROPHICATION OF FRESH WATERS - AN APPRAISAL OF THE CURRENT SITUATION
 G. Fred Lee
 Professor & Head, Water Chemistry Program
 University of Wisconsin

9:50 - 10:30 am CONTROLLED EUTROPHICATION FOR AQUACULTURE & SEWAGE TREATMENT
 John H. Ryther
 Sr. Research Scientist & Biology Dept. Chairman
 Woods Hole Oceanographic Institution

3:30 pm FRESH WATER SESSION
 INVESTIGATIONS ON THE TOXICITY OF COPPER & ZINC TO ATLANTIC SALMON IN THE BASE METAL MINING REGION OF NEW BRUNSWICK
 R.H. Cook, R. A. Hoos & R. P. Cote
 Resource & Development Branch
 Dept. of the Environment of Canada
 Fisheries Service Halifax, Nova Scotia

3:30 pm AN EVALUATION OF THE STREAM IMPROVEMENT STRUCTURES IN CAYUGA INLET IN REFERENCE TO THE PRODUCTION OF JUVENILE RAINBOW TROUT
 John C. Boreman
 Department of Natural Resources
 Cornell University

3:30 pm NET DAMAGE & SUBSEQUENT MORTALITY FROM FURUNCULOSIS IN SMALLMOUTH BASS
 G. C. LeTendre, C. P. Schneider & N. F. Ehlinger
 N. Y. Department of Environmental Conservation

3:30 pm THE COMPARATIVE PERFORMANCE OF WILD, HYBRID & DOMESTIC STRAINS OF BROOK TROUT MANAGED UNDER GENERAL REGULATIONS, IN AN ADIRONDACK POND FISHERY
 Walter T. Killee & Daniel S. Plosla
 N.Y.S. Department of Environmental Conservation
 Bureau Fish Research

3:30 pm METHOD FOR CONTROLLING THE RATE OF EXPLOITATION OF SPECKLED TROUT IN LAURENTIDE PARK, QUEBEC
 M. Luc Samson
 Ministère du Tourisme, de la Chasse et de la Pêche
 Service de la Faune Québec City, Québec

3:30 pm CHARACTERISTIC UPSTREAM MIGRATION OF THE ANADROMOUS ALEWIVES
 William A. Rickhus
 University of Rhode Island

3:30 pm FISH CULTURE SESSION
 Chairman: David O. Locke
 Maine Dept. of Inland Fisheries & Game

3:30 pm SHORT-TERM STORAGE OF BROOK TROUT SPERM
 Daniel S. Plosla
 N.Y.S. Department of Environmental Conservation
 Ray Brook, N.Y.

3:30 pm E.D.P. PRODUCTION & COST RECORDING SYSTEM FOR PROVINCIAL HATCHERIES
 D.C. Sinclair
 Ontario Department of Lands & Forests
 Toronto, Ontario, Canada

3:30 pm ANALYSIS & TREATMENT OF FISH HATCHERY EFFLUENTS
 Joseph Valentine
 Bureau of Sport Fisheries & Wildlife
 Lamar, Pennsylvania

3:30 pm A PERSISTENT FUNGUS INFECTION IN BROOK & BROWN TROUT - A CASE HISTORY
 Neil F. Ehlinger
 N.Y.S. Department of Environmental Conservation
 Rome, New York

3:30 pm REGIONAL CHANGES IN OCEANIC TEMPERATURE AND FISH DISTRIBUTION AND ABUNDANCE
 Albert C. Jensen
 N.Y.S. Department of Environmental Conservation

3:30 pm PROBLEMS ASSOCIATED WITH THE GREEN ALGAE, Cladophora gracilis
 Kenneth L. Koetzner
 N.Y.S. Department of Environmental Conservation

3:30 pm COMMON ABNORMALITIES IN FISHES
 Clarence R. Hickey, Jr.
 New York Ocean Science Laboratory
 Montauk, New York

3:30 pm AMERICAN LOBSTERS ON ARTIFICIAL REEFS
 Phil Briggs & Chester S. Zawacki
 N.Y.S. Department of Environmental Conservation

3:30 pm COMMON ABNORMALITIES IN FISHES
 Clarence R. Hickey, Jr.
 New York Ocean Science Laboratory
 Montauk, New York

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 Montauk, New York

NEWSLETTER REPORTERS

RICHARD BIGGINS
FRANK BOLTON
FREDERICK BONNER
COLTON BRIDGES
CLARENCE CARLSON
R. D. CARMAN
CHARLES COLE
WILLIAM FLICK
DELANO GRAFF
RICHARD HAMES
RICHARD HATCH

RICHARD HENNEMUTH
EDWARD KINNEY
MARSHALL LAIRD
BARTON MARCY
ROGER MARIN
JAMES NAPOLI
PAUL NETH
RAYMOND OGLESBY
ALLEN PETERSON
T. K. PITT
G. POWER

ROBERT RALEIGH
L. G. RICHE
J. WILFRED SAUNDERS
RICHARD SCHAEFER
ROGER SCHOUMACHER
VICTOR SCHULER
JOHN STOLGITIS
CHARLES THOITS III
WALTER WHITWORTH
COLIN WYKES

We sincerely hope you enjoyed the Newsletter. If so, you have many individuals to thank for making it possible, i.e., the Reporters who sent us the information. A limited budget required some adjustment of reports and format.

Roger Reed, Editor
James Johnson and
William Leggett,
Associate Editors

A CAUTIONARY RHYME

This is the Cybernetics and Stuff
That covered Chaotic Confusion and Bluff
That hung on the Turn of the Plausible Phrase
And thickened the Erudite Verbal Haze
Cloaking Constant K
That saved the Summary
Based on the Mummery
Hiding the Flaw
That lay in the Theory Jack built.

FINIS



COMING EVENTS

MAY

RIVER ECOLOGY SYMPOSIUM VOLUME. The proceedings of the Symposium on River Ecology and the Impact of Man, held last June at Amherst, are now in the final stages of being edited. The publisher (Academic Press) will be receiving all material in late January and the volume should be available in published form by late April or early May. The completed volume will be about 450 pages in length and firm information on the price should be available in the near future. RAY OGLESBY, CLARE CARLSON and JIM MCCANN are the co-editors.

MAY 14-17

The Nevelle Country Club in Ellenville, New York is the location of the 1972 ANNUAL NORTHEAST FISH AND WILDLIFE CONFERENCE. The theme for the meeting is "The Significance of a Changing Environment to Fish and Wildlife Interest" and the opening day will be devoted to a general session with papers centered around the theme. The guest speaker representing fisheries will be Dr. Peter Krenkle of Vanderbilt University whose topic will be "The Methylation of Mercury in the Water Environment". Eutrophication will be the main topic in the A.M. of the second day followed by technical papers for freshwater, fish culture and marine on Tuesday afternoon and Wednesday morning. A special session on Esocidae is expected but details on this are not yet final. Program Chairman WILLIAM FLICK, Paul Smiths, New York, 12970.

SEPT. 10-13

102nd ANNUAL MEETING AMERICAN FISHERIES SOCIETY, Hot Springs Arkansas. Check AFS Newsletter for details. Northeastern Division members of the Resolutions Committee: ALLEN PETERSON, Chairman, RICHARD HAMES, RAYMOND JOHNSON or ROGER SCHOUMACHER MUST be contacted BEFORE JUNE 1 if you have a resolution to submit.

SEPT. 20-22

INTERNATIONAL SYMPOSIUM: The Atlantic Salmon Management, Biology and Survival of the Species. To be held at Huntsman Marine Laboratory, St. Andrews, N.B. Canada. Contact - W.M. CARTER P.O. BOX 429, ST. ANDREWS, N.B. for details.

SEPT.-OCT.

The 1972 NORTHEASTERN DIVISION WARMWATER WORKSHOP will be hosted by West Virginia. Requests for papers and discussion topics, as well as final decisions as to time and place will be announced in the AFS Newsletter.

