



January 4, 1979

Dear Mr. Shupp:

Enclosed is the statement which will be submitted to the New York State hearings on the Revised Water Quality Criteria.

Please write me indicating your approval/disapproval of the statement by January 16, 1979. The statement will be accompanied by a cover letter indicating it has been approved by the executive committee. Therefore, your response is necessary.

If you wish to speak to me regarding this statement, please phone me. My number is 518-773-7318 (or 7319).

Sincerely

Edward J. Kuzia

EJK:dh
Enc.

Edward J. Kuzia
Water Quality Committee Chairman
New York State Chapter
American Fisheries Society
7235 Steele Ave. Ext., R. D. 2
Gloversville, N. Y. 12078

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
RECEIVED

JAN 5 1979

INLAND FISHERIES
SECTION

DRAFT - NEW YORK CHAPTER AFS TESTIMONY TO NEW YORK STATE, DEC, PROPOSED
CLASSIFICATIONS AND STANDARDS OF QUALITY AND PURITY OF HEARINGS,
JANUARY, 1979

I am Dr. Edward J. Kuzia, Water Quality Committee Chairman of the New York Chapter of the American Fisheries Society (AFS). The approximately 8,000 member International AFS was organized in 1870. Its objectives are conservation, development and wise use of recreational and commercial fisheries, promotion of all branches of fisheries science and practice and exchange and dissemination of knowledge about fish, fisheries and related subjects. The 255 members of the New York Chapter represent a diverse mixture of fisheries management, propagation and research biologists, limnologists, aquatic ecologists, marine scientists and students affiliated with academic institutions; government agencies, industry and aquatic consulting firms. Concern for the quality of New York waters is implicit throughout the Chapter membership. Because of this concern, the New York Chapter of AFS is compelled to comment on the Proposed Classifications and Standards of Quality and Purity for New York waters.

Quality of our waters reflects the quality of our total environment and, ultimately, quality of human life. Toxic substances in New York waters and the aquatic food-chain contained therein have been identified as direct threats to human health. The Chapter is not qualified to address health related issues; therefore, we will reserve our comments to impact on the fish and fisheries they support.

A fishery is the complex of interactions within and between populations of fish being harvested, the populations of fishermen and the environments of each. A population of fish is not considered a fishery until harvested for some type of human use; i.e. recreation or food. Pursuit of fish for these uses constitutes a significant industry in New York resulting in both enjoyable use of leisure time and revenue to the State's economy.

NOAA (1977) estimated the value of New York saltwater commercial landings (paid to fishermen) at \$30.6 million in 1977. The National Marine Fisheries Service (1978) estimates 2.5 million saltwater anglers fish New York waters in 1973-74. The U.S. Fish and Wildlife Service (USFWS 1977) estimated U.S. saltwater angler fished an average of 12.7 days each and made expenditures averaging \$16.65/day in 1975. Multiplying these average days and expenditures by New York's 2.5 million saltwater anglers and expanding for inflation at 8 percent per year 1975-1978, results in estimated total annual expenditures for saltwater recreational angling in New York of \$600.7 million.

In addition, there are approximately 800,000 licensed freshwater anglers in New York (DEC unpublished data 1978). The USFWS (1970) estimated there are 0.63 unlicensed anglers to every licensed angler, therefore, approximately 1.3 million anglers fish New York fresh water annually. Brown (1976a) estimated each freshwater angler fished an average of 17.8 days annually in 1973. USFWS (1977) estimates the average daily expenditure of warmwater and coldwater anglers at \$9.76 in 1975. Expanding by 8 percent inflation 1975-1978 and multiplying by the number of freshwater days expended by anglers on New York freshwater results in estimated annual expenditures of \$284.6 million.

Total saltwater commercial fishing and saltwater and freshwater recreational angler expenditures amount to \$975.9 million annually. Therefore, New York fisheries, first generation expenditures alone represent almost a one billion dollar industry -- a vital segment of the New York economy.

Effects of toxic substances and changes in ambient physical parameters on growth, survival and reproductive capability of fish and other aquatic fauna have been well documented in literature. The DDT problem on reproductive success of lake trout in Lake George, New York is an excellent example of contaminant impact on perpetuation of a desirable species (Burdick, et al, 1972).

Accumulation of toxic substances in fish flesh and ensuing regulations or warnings promulgated to safeguard human health have also had profound impact on fisheries. Brown (1976b) estimated that the possession ban on certain species and sizes of salmonids in Lake Ontario and its tributaries caused a 70 percent drop in angling use in the Salmon River, one of New York's most popular trout and salmon fishing tributaries. Closure of the Upper Hudson River from Fort Edward to Troy in 1975 because of PCB contamination restricts enhancement of the fishery in that section of the Hudson in the near future. Mercury contamination of Onondaga Lake, Syracuse, New York resulted in total prohibition of angling in a once intensely used fishery in a major urban area.

Following a 1977 ban on consumption of fish in a 100 mile section of the South Fork of the Shenandoah River, Virginia, due to mercury contamination, angling use declined 72 percent from 1975 levels.

A complete ban on fishing was also imposed on Lake St. Clair, Michigan in 1970, because of mercury contamination. It was estimated that the closure estimated \$3.3 million in gross business revenue to Michigan (Martin, 1978).

All of these documented examples suggest the magnitude of recreational and economic losses which can accrue from aquatic habitat degradation. While the New York Chapter of AFS emphasizes the importance of these recreational and economic benefits derived through maintenance of high quality water standards, we are also cognizant of potential economic impact to society through over-regulation. Imposition of standards and criteria which are presently technologically impossible to achieve, detect, monitor and enforce could place unrealistic restrictions and thereby financial constraints on New York industry, and ultimately the public.

Therefore, where criteria and standards are documented as contradictory; non-detectable by all sophisticated, available techniques; impossible or impractical to achieve; the New York Chapter of AFS urges the Congress of the United

States and the New York Legislature to provide funding for necessary research which will develop analytical techniques, standards and data on which realistic, safe discharge standards and criteria can be based.

However the Chapter enthusiastically supports prompt adoption of those criteria and standards based on scientifically supported data that unequivocally demonstrate need to promulgate further regulation.

Literature Cited

- Brown, T.L. 1976a. The 1973 Statewide Angler Study. DEC Spec. Report, NYS Bureau of Fisheries, 50 Wolf Road, Albany, New York 12233. 117 p. mimeo.
- Brown, T.L. 1976b. After the Ban. Coastlines Vol 7(6), November-December, 1976. NYS Sea Grant Institute, Cornell University, Ithaca, New York
- Burdick, G.E. et al. 1972. Effect of rate and duration of feeding DDT on the reproduction of salmonid fishes reared and held under controlled conditions. N.Y. Fish and Game Journal, Volume 19(2), New York DEC, Albany, New York. 97-115.
- Martin, Robert G. 1978. Impacts of Aquatic Contaminants on Angling. SFI Bulletin 293. Page 1-3. Washington, D.C. 20005. April, 1978.
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NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

MINUTES OF THE ANNUAL MEETING, FEBRUARY 3, 1979

A quorum of 109 of 190 paid 1979 members being present, President Bruce Shupp called the meeting to order at 10:55 AM in the Chapel at Bergamo/East, Marcy, New York.

Minutes of the annual meeting of February 4, 1978, executive committee meetings, the secretaries and treasurer's reports were distributed prior to the meeting by Secretary-Treasurer Joe Gorsuch. No additions or corrections being noted, they were approved as submitted. Particular notice was made of the improvement in service and quality of the Secretary-Treasurer's activities. The Auditing Committee of Steve Simkins and Martin Pfeiffer finds the treasurer's records in good order and accurate.

The chapter heartily commends Dave Green and the Program Committee on the concurrent sessions of scientific papers presented in the past day. The topics presented proved to be of wide interest and stimulated much discussion. Chapter Membership in 1978-79 of 284 members more than doubled 1977-78 total 109 members largely thru the Membership Committee's efforts directed by chairman Phil Briggs.

Certification of fisheries scientists as a national AFS program has not been very effective. One of the program goals was to promote development of well qualified expertise within the field of fishery science. It was hoped this would lead to a professional licensing program similar to those programs necessary for licensing of engineers, doctors, lawyers, etc., in which licensing is required prior to practicing in the profession. Such a program would involve an intensive examination program, a code of ethics, reporting with a licensed professionals signature affixed and requirements by employers for licensed or certified professionals. The Professional Standards Committee chaired by John Nickum recommended the following:

1. An experimental certification program within the chapter be established and to be of an approximate 5 years duration. A committee should be established to develop entry requirements and a voluntary testing program.
2. A second committee or professional board of certification be established to develop advanced certification levels above the entry level and provide the mechanism for testing the individuals applying for such certification.
3. The Professional Standards Committee shall act as overseer to the above committees or boards.
4. Encourage government, colleges and other employers to require and/or select certified professional fishery scientists.

Publicity about the chapter has generated favorable attention from the Parent Society and NE Division for which the Publicity Committee and its chairman Jack Hasse are commended.

Two newsletters about chapter member activities were generated during the year. Joe Gorsuch suggested the separation of newsletter activities from the Secretary-Treasurer responsibilities due to the pressure of work developed by an expanded chapter membership. President Shupp recommended the incoming president separate these duties and form an ad-hoc committee to serve the newsletter function but with distribution thru the Secretaries office.

For election of officers the following candidates were nominated by the Nominations Committee (John Forney, chairman) and from the floor by Doug Sheppard.

President: Phil Briggs

Vice President: Bill Eustance
John Grim
Joe Gorsuch

The office of Secretary-Treasurer is a two-year position with election of the Secretary-Treasurer elect in the year prior to installation in office. This is to promote more orderly transfer of records and accounts with banks and the postal service.

OLD AND NEW BUSINESS

New Initiatives for the chapter include consideration of workshops and providing expert opinion to legislative committee members on fisheries related bills. New Initiatives committee members Terry Culp, Art Newell and John Nickum had outlined two workshop concepts (see attachment) dealing with decision making (Workshop Y) and sampling procedures (Workshop X) in chapter discussions on February 2, 1979. During the February 3 meeting there was overwhelming interest expressed in these ideas, however, the interest expressed presents a problem with controlling attendance and functioning of the workshops. Bill Pearce moved that the workshop on decision making in fisheries management be held in conjunction with the 1980 annual meeting of the chapter. The motion was amended (Bill Eustance) by adding that the NY Chapter shall advance "seed" money in support of the workshop, however, the money shall be recovered by fees upon attendees. The motion as amended was adopted by majority vote.

The second initiative, i.e. providing expert opinion to legislative committee members suggested proved to be very controversial. Considerable discussion revolved around several points, e.g. (1) confusion as to the needs and desires of legislative members and their aides for information, (2) whether the members providing information would represent the voice of the chapter or provide only their professional views, and (3) whether the chapter may be considered to be lobbying thus subject to loss of tax exempt status. Jim Colquhoun moved that

consideration of the subject be tabled until the annual meeting in 1980. An amendment (Ed Kuzia) to have the New Initiatives Committee continue investigation of the proposal and report to the chapter in 1980 was advanced and seconded. Motion to call the question (limit debate) was defeated. Further discussion pointed out that if the chapter does not act at this meeting, one year of possible input would be lost and possibly the entire proposal may be lost since legislative members may note lack of responsiveness by the chapter. Subsequent vote on the main motion as amended after discussion defeated both the motion and amendment. Leigh Blake moved that the President be empowered to direct response to the legislative committee staff when technical expertise is required on fisheries related bills. Amendment by Bill Ewell stating that the five past chapter presidents oversee the actions of the President was seconded. Majority vote approved both the amendment and main motion. President Shupp suggested that the incoming President should also consult with his Executive Committee on any appointments and in developing a list of people with appropriate expertise to respond to the Legislature. Further, the New Initiatives Committee was directed to continue investigating the needs of legislative staff and report to the Executive Committee at their earliest convenience.

A method for developing and handling position statements by the chapter when needed between chapter meetings was outlined by Ed Kuzia on February 2, 1979 and distributed in written form at this chapter meeting (copy attached). Bob Myer moved acceptance of the methodology but with the following amendment: "If time permits for membership review, the statement shall appear in the chapter Newsletter for comment." (to be inserted as an added sentence to (2)(f)).

A resolution on water quality standards (distributed on February 2, 1979) was introduced by Resolutions Committee chairman 'Ned' Holmes. Considerable discussion was generated concerning the professional stance to be adopted by the chapter, i.e. should we adopt a purist stance towards protection of fisheries or should a note of compromise be adopted as expressed in the draft document (attached). C. Lavett Smith moved adoption of the draft statement. Amendment by Jim Colquhoun to delete the paragraph on page 3 beginning "Although..." and ending on page 4 with "...ecosystem." was seconded. The motion as amended was adopted by majority vote.

Current chapter by-laws do not conform with chapter practice nor totally conform with parent society by-laws. It was moved that the chapter adopt the parent society by-laws (seconded). J. Gorsuch pointed out that should chapter by-laws totally conform with parent society by-laws, it would require all chapter members being members of the parent society. Amendment (C.L. Smith) moved to appoint a committee to investigate the by-laws relative to compliance with the parent society and current practices was seconded. Majority vote passed the amendment and original motion as amended.

Professional Standards Committee chairman John Nickum introduced the following motion which was seconded and passed unanimously.

Move that the N.Y. Chapter American Fisheries Society initiate an experimental certification program providing three levels of voluntary certification for professional fisheries workers. This program shall be initiated by the President through the appointment of an ad-hoc Testing and Certification committee charged with responsibility for developing appropriate test and standards for entry level, mid-level and senior-level fishery scientists. The Testing and Certification Committee shall report to the Executive Committee and shall include representation from the Professional Standards Committee, 2-year college faculty, 4-year and graduate college faculty, private and corporate agencies and public fishery management agencies. The Professional Standards Committee shall contact regulatory agencies, public and private employers of fishery professionals and educational institutions offering fishery training to determine the extent to which they will participate in such a program. A specific program shall be presented to the 1980 meeting for action by the chapter.

Results of the election of officers are as follows:


President: Phil Briggs

Vice President: John Grim

Installation of officers including the Secretary-Treasurer elect was accomplished. President Briggs presented "Past-President Certificates" to Bruce Shupp, Robert Werner and C. Lavett Smith.

Meeting was adjourned at 1:20 PM.

Respectfully submitted,



Lawrence C. Skinner

Secretary-Treasurer

NEW YORK STATE CHAPTER OF THE AMERICAN FISHERIES SOCIETY
TESTIMONY TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION HEARINGS ON PROPOSED CLASSIFICATIONS AND
STANDARDS OF WATER QUALITY AND PURITY

The American Fisheries Society (AFS) was organized in 1870. The Society has at present approximately 8000 members. Its objectives are conservation, development and wise use of recreational and commercial fisheries, promotion of fisheries science and research, and dissemination of knowledge about fish, fisheries and related subjects. The 283 members of the New York State Chapter of the AFS (NYSAFS) represent a diverse mixture of fisheries management, propagation and research biologists, limnologists, aquatic ecologists, marine scientists and students affiliated with academic institutions, government agencies, industry or aquatic consulting firms. Concern for the quality of New York waters is implicit throughout the Chapter membership; therefore, the NYSAFS finds it necessary to comment on the Proposed Classification and Standards of Quality and Purity for New York Waters.

Quality of our waters reflects the quality of our environment, and ultimately the quality of human life. Toxic substances in New York waters and their aquatic food chains have been identified as direct threats to health. However, the Chapter is not qualified to address health related issues and will confine its comments to the impact of toxicants on the fish and the fishery.

A fishery is the complex of interactions within and between populations of fish being harvested, the populations of fishermen and the environments of each. A population of fish is not considered a fishery until harvested for some type of human use; i.e. recreation or food. Pursuit of fish for these uses constitutes a significant industry in New York, resulting in both enjoyable use of leisure time and revenue to the State's economy. Although fish may be affected directly by toxicants, lower trophic organisms (their food) may be even more sensitive to these toxicants. Therefore, it is necessary to establish standards and criteria which not only protect the fish but additionally their food organisms.

National Oceanographic and Atmospheric Administration (1977) estimated the value of New York saltwater commercial finfish landings (paid to fishermen) at \$30.6 million in 1977. The National Marine Fisheries Service (1978) estimated 2.5 million saltwater anglers fished New York waters in 1973-74. The U. S. Fish and Wildlife Service (USFWS 1977) estimated U. S. saltwater anglers fished an average of 12.7 days each and made expenditures averaging \$16.65/day in 1975. Multiplying these average days and expenditures by New York's 2.5 million saltwater anglers and expanding for inflation at 8 percent per year 1975-1978, results in estimated total annual expenditures for saltwater recreational angling in New York of \$600.7 million.

In addition, there are approximately 800,000 licensed freshwater anglers in New York (Department of Environmental Conservation unpublished data 1978). The USFWS (1970) estimated there are 0.63 unlicensed anglers to every licensed angler; therefore, approximately 1.3 million anglers fish New York freshwater annually. Brown (1976a) estimated each freshwater angler fished an average of 17.8 days annually in 1973. USFWS (1977) estimated the average daily expenditure of warmwater and coldwater anglers at \$9.76 in 1975. Expanding by 8 percent inflation over the period 1975-1978 and multiplying by the number of mandays expended by anglers on New York freshwater results in an estimated annual expenditure of \$284.6 million.

Combined saltwater commercial fishing and saltwater and freshwater recreational angler expenditures amount to \$915.9 million annually. Therefore, first generation expenditures on New York fisheries alone represent almost a one billion dollar industry—a vital segment of the New York economy.

Effects of toxic substances and changes in ambient physical parameters on growth, survival and reproductive capability of fish and other aquatic fauna have been well documented in literature. The impact of DDT on reproductive success of lake trout in Lake George, New York is an excellent example of the effect of a contaminant on perpetuation of a desirable species (Burdick et al, 1964).

Accumulation of toxic substances in fish flesh and ensuing regulations or warnings promulgated to safeguard human health have also had profound

impact on fisheries. Brown (1976b) estimated that the possession ban on certain species and sizes of salmonids in Lake Ontario and its tributaries caused a 70 percent drop in angling use in the Salmon River, one of New York's most popular trout and salmon fishing tributaries. Closure of the Upper Hudson River from Fort Edward to Troy in 1975 because of PCB contamination restricts enhancement of the fishery in that section of the Hudson in the near future. In the lower Hudson, commercial fisheries for American eel, striped bass and several other species have been closed due to PCB contamination. Mercury contamination of Onondaga Lake, Syracuse, New York resulted in prohibition of angling in a once intensely used fishery in a major urban area. Following a 1977 ban on consumption of fish in a 100-mile section of the South Fork of the Shenandoah River, Virginia due to mercury contamination, angling use declined 72 percent from 1975 levels (Martin, 1978). A ban on fishing was also imposed on Lake St. Clair, Michigan in 1970 because of mercury contamination. It was estimated that the closure resulted in \$3.3 million loss in gross business revenue to Michigan (Martin, 1978).

The need to protect the fishery, therefore, is not only based on preservation of healthy aquatic ecosystems which reflect the quality of life but also on the importance of the fishery to the economy of New York State as has been previously outlined. It is with these factors in mind that the Chapter supports those standards and criteria based on scientifically supported data which identify a need for further regulation in order to protect a fishery. PCB, Mirex and Mercury have had demonstrated adverse effects on fisheries of New York State and their discharge should be more strictly controlled. The other proposed standards and criteria have to be judged on their scientific merit. For these other standards and criteria a review panel of experts in Aquatic Toxicology and Environmental Chemistry from academia, industry and government is recommended to determine what standards and criteria are adequate and can be successfully implemented.

Additionally, the Chapter recommends that the Congress of the United States and the Legislature of New York State appropriate adequate funding for both field and laboratory aquatic toxicity tests, as well as developing economical treatment technology. The results of appropriate studies could then be used to set standards and criteria where adequate data and/or adequate treatment technology does not presently exist.

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- Brown, T. L. 1967a. The 1973 Statewide Angler Study. DEC Spec. Report, NYS Bureau of Fisheries, 50 Wolf Road, Albany, New York 12233. 117 p. mimeo.
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- Burdick, G. E., E. J. Harris, H. J. Dean, T. M. Walker, J. Skea and D. Colby 1964. The accumulation of DDT in lake trout and the effect on reproduction. Trans. Amer. Fish. Soc. 93. 127-136.
- Martin, Robert G. 1978. Impacts of Aquatic Contaminants on Angling. SFI Bulletin 293. Page 1-3. Washington, D.C. 20005. April, 1978.
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- NMFS 1978. Current Statistics. No. 7500. NOAA, Washington, D.C.
- USFWS 1972. 1970. National Survey of Hunting and Fishing. USDI, FSFW, Washington, D.C.
- USFWS 1977. 1975 National Survey of Hunting, Fishing and Wildlife—Associated Recreation. USFWS. Washington, D.C.

NYC-AFS POSITION STATEMENT PROCEDURE

- 1) The Chapter President, through approval by the Executive Committee, or the Environmental Concerns Committee through the Executive Committee, are permitted according to AFS By-Laws, to prepare position statements or letters of concern on environmental or fishery concerns.
- 2) Suggested Procedure:
 - (a) Member notifies Environmental Concerns Committee Chairman (E.C.C.) of problem area.
 - (b) E.C.C. investigates the problem, discusses with his committee and decides if Chapter should respond and if normal resolution procedure will not suffice.
 - (c) E.C.C. contacts Chapter President to discuss and justify his position.
 - (d) President contacts Executive Committee to get approval to proceed (majority rule).
 - (e) E.C.C. organizes sub-committee to research problem and prepare position statement.
 - (f) Written statement is reviewed by Environmental Concerns Committee, edited and submitted to President for Executive Committee approval. If time permits for membership review, the statement shall appear in The Chapter Newsletter for comment.
 - (h) If testimony at hearing is required, this can be accomplished by the President, E.C.C. or member with most expertise on subject making presentation of the Chapter's official, written response and handling the cross-examination. (Chapter President will decide on best choice for personal testimony).

Adopted 3 February 1979

PROPOSED WORKSHOPS
New York Chapter, American Fisheries Society

The ad hoc committee proposes that two workshops, designed to meet member needs, be held over the next 12-18 months. One workshop would be geared to meeting needs in the field decision making aspects of fishery management. The other would be geared to solving problems in sampling design and the analysis of samples obtained in particular sampling programs. The exact length, format, location, and dates for these workshops are not suggested at this time, although two-day sessions would probably be adequate if the formats described below are accepted. The chapter needs to decide whether or not to sponsor either or both workshops. If the workshops are to be sponsored, then suggestions for changes in topic and/or format would be in order. Finally, committees to develop and arrange the workshops must be appointed.

The outlines below are not final and/or complete, but are offered to provide a basis for decision-making and guidance.

Workshop X

Title: A decision matrix for fish management

- A. Keynote speaker
- B. Assessing management potential of lakes and streams (What does it produce - what could it produce - what should it produce)
 - 1. The biological survey (what to collect, how much and how to interpret)
 - 2. Indices of fish production
 - Phosphorus loading, Ryder index and other measures of potential harvest
 - 3. Evaluating angling demand, species preferences, angler attitudes
- C. Assessing current yield
 - 1. Indices of harvest - angler diary programs, post card surveys
 - 2. Creel census
- D. How to evaluate management options
 - 1. To stock or not to stock
 - (a) How many trout are enough? (This is relevant to Great Lakes, Finger Lakes, Champlain)
 - (b) Predator-prey ratios as a guide to stocking warmwater reservoirs - will they work in other waters?
 - 2. Role of regulations
 - (a) Yield-per-recruit as a guide to minimum size limits
 - (b) Minimum size limits for optimum community structure
 - (c) Trophy angling concept - when and where will it work



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

Executive Committee Meeting
October 22, 1979

President Briggs called the meeting to order at 10:45 AM with the following attendees:

Philip Briggs	Bill Pearce
John Grim	Art Newell
Lawrence Skinner	Jim Haynes
Bruce Shupp	Larry Strait
Steven Gloss	

In review of news from the annual meeting of the parent society, three important decisions were noted.

1. The Cornell University chapter was recognized and approved *conditionally*.
2. A new section, the Marine Fisheries Section, was approved *conditionally*.
3. No certification programs are being approved other than those currently existing, i.e. parent society and Fish Health Section certification.

Committee Reports

Legislative needs committee - Bill Pearce reports little progress made. The functioning of the chapter has been hampered by problems with access to legislative proposals and time constraints. The committee may review legislation at one of several stages (1) Prefiled stage available in December; or (2) After bills have been drafted during the legislative session. The chapter also has the opportunity to introduce legislation through representatives of the Assembly and Senate. The committee is to draft a letter to legislative committee members dealing with the environment pointing out the services and advantages of having AFS as an advisory group in a professional review capacity.

Bill noted that public hearings on the Coastal Zone Management Act are upcoming in November. The NYS Dept. of State is temporarily designated lead agency but there is concern about duplication of efforts by DEC and Department of State and concern about not giving the environment proper consideration at time of decision making.

Also Dingell - Johnson legislation amendments needs promotion and support. Membership committee - Almost 40 percent of 1978-79 members have not paid their 1979-80 dues John Grim reports. A special mailing is being sent to unpaid members. The 1980-81 membership drive will begin December 1, 1979.

Newsletter Committee - Larry Skinner reported for Scott Quinn. The second newsletter consisting of annual meeting notice and call for papers, best student paper award, workshop committee report, Northeast Division call for papers and review of parent society meeting review was mailed October 18, 1979.

The deadline for the next letter is November 26, 1979.

Treasurer's Report - Larry Skinner

Checking account balance	\$ 330.34
Savings account balance	\$ 4143.77
Stamp account balance (<u>5</u> stamps)	\$.75

Program Committee - Steve Gloss reports the program is basically set except for receipt and review of submitted papers. The panel on marine angler licensing is set but the chapter may absorb transportation costs of several speakers by use of a registration fee. The Friday evening speakers will be Steve Risco (on Fisheries in UNESCO) and Ray Oglesby who recently completed work in Sr: Lanha (formerly Crylon) for UNESCO.

Steve moved that a best student paper award of \$50 be given. Seconded and passed unanimously.

A program outline is attached.

Workshop Committee - Bruce Shupp noted the latest outline and current status of the workshop has been released via the newsletter (copy attached). A mailing list for the NE Division AFS is being requested.

Auditing Committee - Mike Weinstein has moved to Virginia and has nominated Doug Shepard of Consolidated Edison as the new chairman. The nomination was approved.

Certification Committee - With the news from the parent society, the work of the committee chaired by Jim Haynes is uncertain. President Briggs noted that an ad hoc committee to review the national certification program was appointed of which he is a member. After considerable discussion, the chapter shall continue to development of certification criteria, questions (via Jim Winter's committee) and surveys of colleges and consultants and submit them to the ad hoc committee. Further the chapter shall be polled as to acceptability of the guidelines and tests developed. The chapter shall not protest the decision of National society.

Jim Haynes indicated that initial results of the survey of colleges provided the following:

- 96 of over 300 colleges responded to the questionnaire
- Approximately 2/3's of the respondents have fisheries related programs
- Of the approximately 66 respondents 86% felt entry level testing for certification is necessary
- 89% feel certification may aid in job placement
- 96% supported certification programs

By-Laws Committee - No action. Need for defense of dues increase was noted.

Nominating Committee - Laurie Sutherland (chairman) has moved to Maryland. To assure that the committee is active, Howard Loeb is being appointed co-chairman.

New Business:

The Western Division AFS has developed the bumper sticker "Fish need water too; Support AFS". Cost to the chapter would be \$20/100 stickers; sell to member at \$1-1.25 each. The Secretary-Treasurer was instructed to order 100 stickers by consensus of the executive committee.

Interest in formation of a crayfish or macroinvertebrate group within the chapter was indicated by letter from Joe Pickett. The Program Committee shall announce an evening time meeting place for those interested in meeting for discussions.

Meeting adjourned at 2:40 PM. Next executive committee meeting shall be at 7 PM January 31, 1980 prior to the annual meeting.

Respectfully submitted,


Lawrence C. Skinner
Secretary-Treasurer



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

MINUTES OF THE EXECUTIVE
COMMITTEE OF NYS CHAPTER AFS
7-31-79

Meeting Commenced: 11:00 AM

Present: P. Briggs, B. Shupp, L. Strait, S. Quinn, and A. Newell

Committee Reports:

Professional Standards Committee: J. Haynes report was read by P. Briggs. The committee met on 1 June. Professional Standards criteria drafted at the meeting were presented to the Executive Committee. B. Shupp requested that the recommended criteria be mailed to chapter members. P. Briggs agreed.

Publicity Committee: M. Duttweiler's report was read by P. Briggs. . Announcement of the 1980 meeting would appear in the Environment and as a general news release in the fall, 1979.

Workshop Committee: B. Shupp presented the workshop cost estimates and discussed with the Executive Committee the agenda, place, publication, funding, time, etc., the title will be: "Practical Fisheries Management: More with Less in the 1980's." It is tentatively scheduled for 21-23 July 1980 at Cazenovia College Convention Center, Cazenovia, New York. Bruce expects 75-100 people to attend with some out-of-staters included. Without support, it is expected that less than half the DEC aquatic biologists will attend. John Nickum is pursuing USFWS support. Modifications to the agenda will be made.

New Initiative Committee: A. Newell presented to the Executive Committee proposed "Guidelines for NYS AFS Chapter Review of Legislation." It was noted that the Legislative Actions Committee made up of the five past presidents, had not met to review bills of the past legislative session. B. Shup stated that it was his belief that the chapter was to provide technical input to bills in the drafting stage as opposed to the procedure in the guidelines for reviewing bills before the Assembly Conservation Committee. P. Briggs pointed out that the issue was too confusing to pursue now without direction and it was decided that the New Initiatives Committee should present in a letter to P. Briggs a description of the two directions the chapter could take and request that A. Newell meet with the Legislative Actions Committee to iron out the issue.

Lunch Break: 12:15-12:50 PM

By-Laws Committee: L. Strait presented to the Executive Committee a number of possible by-law changes. They included: change the quorum from 1/3 of the members to 30; change officers titles and length of service to President (1 year), Pres.-Elect (1 year), Sec.-Treasurer (2 years) and Sec.-Treasurer-Elect (1 year); Sec.-Treasurer-Elect to become a voting member of the Executive Committ. Pres.-Elect to chair Membership Committee and be a member of Program Committee; mechanism to raise dues by Executive Committee recommendation; delete affiliate and student memberships; change Executive Committee to include the officers,

standing committee chairmen and other committee chairmen designated by the president; change some committees to ad hoc and vice versa. L. Strait pointed out that any by-law NYS wants to change has to be approved by the parent society. Recommended by-law changes will be presented at the annual meeting for a vote.

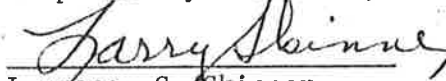
Program Committee: S. Gloss report was read by B. Shupp. The feature for the annual meeting is expected to be a debate on saltwater fishing licenses in NYS. The committee still needs an evening program.


Newsletter Committee: S. Quinn stated that 1 newsletter was issued so far this year and he expects to produce two or three more.

P. Briggs set the time and place for the next Executive Committee meeting as 10:30 AM, 22 October 1979 at 50 Wolf Road, Albany, NY.

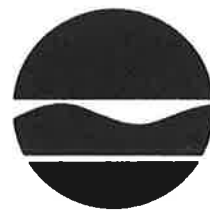
Meeting adjourned: 2:25 PM

Respectfully submitted,


Lawrence C. Skinner
Secretary-Treasurer

by: 
Art Newell
(Acting in Absence of Sec.-Treas.)

New York State Department of Environmental Conservation
Finfish & Crustaceans
Building 40, SUNY
Stony Brook, NY 11794



Peter A. A. Berle,
Commissioner

February 9, 1979

Mr. Lawrence C. Skinner
Secretary-Treasurer
New York Chapter American
Fisheries Society
c/o New York State Department
of Environmental Conservation
50 Wolf Road
Albany, New York 12233

Dear Larry:

I have gone through the material I have on hand. Enclosed are photocopies of the "By-Laws of New York Chapter of the American Fisheries Society" and of our Charter from the parent society. I also am enclosing a list of all our past presidents, including those when we were the Professional Fisheries Association of New York.

I have found no constitution in my search through our old files. I may have missed something so I shall re-check them again. I hope that this will serve our needs. When we get the By-Laws Committee running again, I shall supply each member of that committee with the By-Laws.

By the way, I have run out of stationery with the Chapter letterhead. If you have some spares you can send me, I would appreciate it.

Sincerely,

Philip T. Briggs
Assoc. Aquatic Biol. (Marine)
President, New York Chapter
American Fisheries Society

PTB:jsr

PAST PRESIDENTS

NEW YORK CHAPTER

AMERICAN FISHERIES SOCIETY

1978-79	Bruce Shupp
1977-78	C. Lavett Smith
1976-77	Robert G. Werner
1975-76	William Pearce
1974-75	William Pearce
1973-74	Martin Pfieffer
1972-73	Howard Loeb
1971-72	Robert Griffiths
1970-71	Paul Neth
1969-70	William Flick
1968-69	U. B. Stone*
1967-68	Robert Zilliox*
1966-67	Robert Gould*

* Presidents of the Professional Fisheries Association of New York. During the term of U. B. Stone, the Professional Fisheries Association of New York was accepted and chartered by the American Fisheries Society as the New York Chapter of the American Fisheries Society. Thus, Dr. Stone was technically the first president of the New York Chapter of the American Fisheries Society. Older, in term, presidents are included in the list for historical significance.

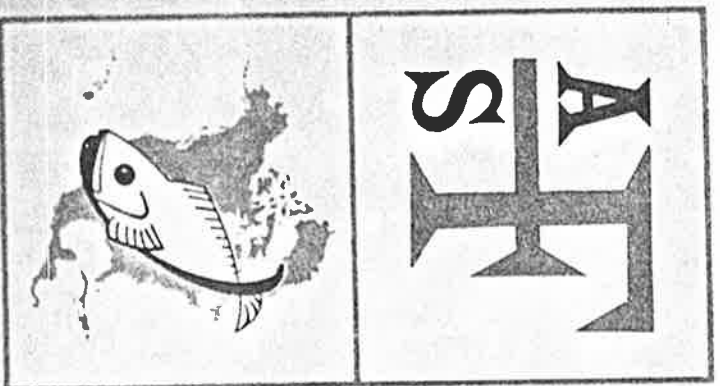
PAST PRESIDENTS

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The
AMERICAN FISHERIES SOCIETY
hereby rec
New York
as officially and duly char



The American Fisheries Society, the oldest pr
with the natural resources, was organized in 18
development and wise utilization of the fisherie
technological development and advancement of
and exchange and dissemination of knowledge a

President

J. D. Brown

Executive Secretary, *P. D. + G. Hutton*

BY-LAWS OF THE
NEW YORK CHAPTER OF THE AMERICAN FISHERIES SOCIETY

Section 1 - Name and Objectives

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

2. The objectives and purposes of the Chapter shall be, particularly within the State of New York.

(a) To promote the conservation, development and wise utilization of the fisheries, both recreational and commercial.

(b) To promote and advance the development and application of all branches of fishery science and practice, including aquatic biology, engineering, economics, fish culture, limnology, oceanography, and technology.

(c) To gather and disseminate technical and other information on fishes, fishing, fisheries, and all phases of fishery science and practice.

(d) To hold meetings for the presentation, exchange and discussion of information, findings and experiences on all subjects and techniques related to fishes, fishing, fisheries and all phases of fishery science and practice.

(e) To encourage the teaching of all phases of fishery science and the training of fishery workers in accredited universities and colleges.

(f) To establish and maintain highest professional standards and to recognize outstanding work and effort in the profession.

(g) To promote the understanding of the many related

programs in the broad field of natural resource management.

(h) By such other means as may be appropriate, to unite and encourage these interested in fishes, fishing, fisheries and all other phases of fishery science and practice.

Section 2 - Membership and Dues

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

(a) Active Member: Any voting member of the American Fisheries Society in good standing.

(b) Honorary Member: Persons who, by a unanimous vote of the members of the Chapter, are recognized by reason of professional or other attainments. There shall be two classes of honorary membership: (1) Exofficio and (2) Distinguished Service. Honorary members shall be entitled to all the rights and privileges of Active Members, except that Exofficio members cannot vote on Chapter business affairs and cannot hold office.

(c) Student member: Any student member of the American Fisheries Society in good standing.

2. Dues - Annual dues for Active, Student, and Affiliate

membership shall be two dollars (\$2.00) payable at the beginning of each calendar year. Dues of new members shall be payable when application for membership is accepted. The membership of anyone whose dues are in arrears by April 1 of a given calendar year shall automatically cease.

Section 3 - Meetings

The Chapter shall hold at least one meeting annually at a time and place designated by the Executive Committee. Notice of the annual meeting of the Chapter shall be mailed to each member at least one month before the date of such meeting.

The business meeting and election of officers shall be held at the time of the annual meeting. The business meeting will be conducted in accordance with Robert's Rules of Orders.

Section 4 - Officers

The officers of the Chapter shall consist of a President, Vice-President, and a Secretary-Treasurer.

Officers shall be elected at an annual meeting and may serve for a period of two years. In case of a vacated position, the executive committee shall appoint a qualified replacement to fill an unexpired term.

In the event of a cancellation of an annual meeting at which election of officers was scheduled, the officers and the members of any committee shall continue to serve until the next scheduled meeting.

Section 5 - Duties of Officers

The President of the Chapter shall preside at all meetings,

shall serve as the Chairman of the Executive Committee, shall represent the Chapter to the Northeast Division and to the American Fisheries Society, and shall make such appointments and perform other duties and functions as are authorized and necessary.

The Vice-President shall be Chairman of the membership committee whose duty shall be to promote membership in the Society and Chapter. He shall assume the duties of the President in the event of the President's inability to act.

The Secretary-Treasurer shall keep the official records of the Chapter, collect and be custodian of registration fees and dues collected under Section 2 and 10 of these By-laws, and any funds which may be allotted to the Chapter. The Secretary-Treasurer shall disburse funds as may be authorized and necessary, and shall submit a record of receipts and disbursements at the annual Chapter meeting. He shall perform such duties as may be requested by the Executive Secretary of the American Fisheries Society and of the Secretary-Treasurer of the Northeast Division.

Section 6 - Executive Committee

The Executive Committee of the Chapter shall consist of the President, Vice-President, Secretary-Treasurer, the immediate past president and the Chairman of the Program Committee. The Executive Committee is authorized to act for the Chapter between meetings and to perform appropriate duties and functions.

Section 7 - Chapter Committees

Committees and Chairmen of Committees except as listed in Section 5 and 6 of these By-laws, may be appointed by the President

as may be necessary for the conduct of the Chapter activities. Standing Committees shall include: Auditing, Professional Standards, Nominating, Resolutions, Program and Membership.

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

Section 8 - Election of Members

Application for all classes of American Fisheries Society memberships may be received the Secretary-Treasurer of the Chapter and shall be forwarded to the Executive Secretary of the Society.

Section 9 - Voting and Quorum

Decisions at meetings, including election of members, shall be by a majority of those present at any meeting; except that for a motion for amendment of By-laws, a two-thirds majority shall be required; and excepted further, a unanimous vote shall be required for the election of honorary members. A voting member who is unable to be present at the annual meeting may give his proxy in writing to another member.

A quorum at any meeting for the transaction of official business shall be one-third of the Chapter voting membership.

Section 10 - Registration

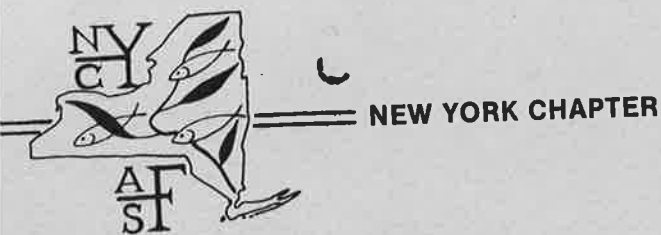
The Executive Committee may assess each registrant attending annual meetings of the Chapter a registration fee necessary to cover the costs of the meeting and Chapter activities; however, all effort shall be made to have the annual membership dues cover such costs.

Collections shall be made by the Secretary-Treasurer and disbursements shall be made for financing the Chapter operations, as may be directed by the membership or by the authorization of the Executive Committee.

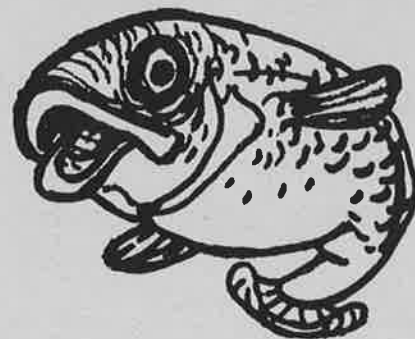
Section 11 - Amendments of the By-Laws

The By-laws of the Chapter may be amended and approved in accordance with Article IV, Paragraph 4, and Article VI, Paragraph 3 of the Constitution of the American Fisheries Society and by Section 9 of these By-laws.

By-laws updated as a result of January 31, 1974 meeting.



MEMBERSHIP DIRECTORY -1979-



AMERICAN FISHERIES SOCIETY

**1979 OFFICERS - NEW YORK STATE CHAPTER
AMERICAN FISHERIES SOCIETY**

PRESIDENT

PHILIP T. BRIGGS

VICE PRESIDENT

JOHN S. GRIM

SECRETARY-TREASURER

LAWRENCE C. SKINNER

Elected at the Annual Meeting of the New York Chapter on February 3, 1979.
The annual meeting was held at Bergamo East, Chaminade Road, Marcy, New York.
February 2-3, 1979.

EXECUTIVE COMMITTEE AND STANDING COMMITTEE

CHAIRMAN

President
Vice President
Secretary-Treasurer
Immediate Past President
Program Chairman

Philip T. Briggs
John S. Grim
Lawrence C. Skinner
Bruce D. Shupp
Stephen P. Gloss

Chairmen of Various Committees

Audit

By Laws
Environmental Concerns
Legislative Action
Membership
New Initiatives
Newsletter
Nominating

Professional Standards
Publicity
Resolutions
Testing and Certification
Water Quality
Workshop

Douglas Sheppard*
Mike Weinstein
Larry Strait
Jim Colquhoun
Bill Pearce
John Grim
Art Newell
Scott Quin
Laurie Sutherland*
Howard Loeb
Jim Haynes
Mike Duttweiler
Leigh Blake
Jim Winter
Ed Kuzia
Bruce Shupp

*Co-chairmen.

MEMBERSHIP LISTING

The names of members paid up by December 31, 1979 are listed here alphabetically. The last name appears first on the first line on the left hand side, followed by the first name and initial. Immediately under the name is the member's affiliation; either his school, if a faculty member, or student, or the name of his employer. If a student, an S will appear in parenthesis.

The name is followed by the home address which takes up two lines. If no home address was given, the employer's address will be used. In the third column, one or two telephone numbers will be found. The number on the top line is the home telephone number, and the number on the second line is the business phone number.

The fourth column is a coded number representing the major field of interest as indicated on the member's application form. Numbers within parenthesis marks compliment each other.

Code Interpretations for Column 4 Numbers

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

NAME	ADDRESS	TELEPHONE	INTEREST
Accarino, Gregory P. Ecological Analysts	30 Beaumont Circle, Apt. 3 Yonkers, NY 10710	914-961-7489 914-429-8133	29
Alaras, Ronald D. LMS Engineers	40 Lawrence Ave. Apt. D Bedford Hills, NY 10507	914-666-5467 914-735-8300	21
Anderson, Richard M.	88 Sheldon #4 Freeville, NY 13068	607-347-4618	3
Arvidson, Larry G. LMS Engineers	RD #1 Box 2446 Rosendale, NY 12472	914-658-9823 914-565-2444	5, 6
Atz, James W. Am. Museum Nat. Hist.	106 Bayview Avenue Port Washington, NY 11050	516-767-3367	17, 26
Baiardi, John C. Dr. NY Ocean Science Lab.	Tuthill Road Montauk, NY 11954	516-668-5145 516-668-5800	(11, 18) 26
Baker, Howard C. Texas Inst., Inc.	Star Route Clintondale, NY 12515	914-883-6461 914-737-3081	3
Baldigo, Barry P. SUNY Syracuse U. (S)	9172 Sulphur Springs Rd. Lee Center, NY 13363	315-337-1559	10
Beebe, C. Allen, Jr. Texas Inst., Inc.	23 LaGrange Avenue Poughkeepsie, NY 12603	914-471-0496 914-737-3081	3, 12
Benn, Eugene J. Jr. NYS Env. Cons.	4982 Golly Road Rome, NY 13440	315-337-6219 315-337-1390	2
Billy, Michael, Jr. Texas Inst., Inc.	54 Grant Street Sloatsburg, NY 10974	914-753-2206 914-737-3081	10, 16
Bimber, David L. Great Lakes Research (S)	229 Collingwood Avenue Ann Arbor, MI 48103	313-996-5861 313-763-4730	3
Black, John NYS Dept. of Health	4992 Lake Shore Road Hamburg, NY 14075	716-627-7716 716-845-3350	28
Blake, Leigh M. NYS Env. Cons.	Boot Jack Hill Felts Mills, NY 13638	315-773-5811 315-782-0100	
Boenig, Robert W. SUNY, Fredonia	7 University Park Fredonia, NY 14063	716-673-1164 716-673-3375	3
Bonomo, Mike LMS Engineers	2915 Otis Avenue Bronx, NY 10465	212-792-4227	12
Borko, Martin Orange Co. Com. Coll.	P.O. Box 511 Wurtsboro, NY 12790	914-888-2371 914-343-1121	10, 19
Bornholdt, David P. Nassau Co. Health Dept.	19 Post Street Glen Head, NY 11545	516-671-5769 516-535-3680	(7, 4)

NAME	ADDRESS	TELEPHONE	INTEREST
Cohen, Benjamin Cornell University (S)	120 Sapsucker Woods Road Ithaca, NY 14850	607-257-5446 607-256-4703	19
Colesante, Richard T. NYS DEC	118 Mill Street Constantia, NY 13044	315-623-9475 315-623-7311	(2, 13)
Colquhoun, James R. NYS DEC	33 Pillmore Drive Rome, NY 13440	315-336-0234 315-337-0910	3, 26, 28
Cooper, Alexander L. NYS Env. Cons.	1011 Garson Avenue Rochester, NY 14609	716-288-6860	28
Coughlan, David Cornell University (S)	320 Cascadilla Hall Ithaca, NY 14853	607-256-1214 607-256-2151	15, 28
Creech, Cliff NYS DEC	648 Old Stage Road Groton, NY 13073	607-898-3965 607-753-3095	13
Culligan, William J. NYS DEC	RD #1 510 Peru Road Groton, NY 13073	607-898-3331 607-753-3095	16
Culp, Terry R. Ichthyological Assoc.	PO Box 2 Stamford, NY 12167	607-652-3563	16
Cummings, Clarence W. NYS Env. Cons.	RD #2 Boonville, NY 13309	315-827-4266 315-337-1390	2
Dakin, David, D. Rochester G&E	140 Castlebar Road Rochester, NY 14610	716-271-5109 716-546-2700	29
Daley, Martin W. Central Hudson G&E	Pawling Manor Staatsburg, NY 12580	914-889-4696 914-452-2000	29
Darbee, Harry A. Self-Employed	Old RT. 17 Livingston Manor, NY 12758	607-498-5224 607-498-5224	
Davis, Robert W. LMS Engineers	29 Farley Drive Stony Point, NY 10980	914-942-2184 914-735-8300	11, 12
Dean, Howard J. NYS Env. Cons.	9241 Main Street Westernville, NY 13486	315-827-4606 315-337-0910	(25, 30)
Dembeck, John F. LMS Engineers	116 Schunnemunk Road Highland Mills, NY 10930	914-928-2963 914-835-8319	15
DePace, Russell Texas Instruments	8813 Heritage Hills Somers, NY 10689	914-277-5421	10, 34
Desko, Gerald	1128 W. 5th St. Apt #4 Erie, PA 16507	814-456-1900	16

NAME	ADDRESS	TELEPHONE	INTEREST
Festa, Patrick J. NYS DEC	4 Birchwood Drive Clifton Park, NY 12065	518-371-4566 518-457-6937	16
Field, Thomas C. Self, Fernwood Hatchery	RD #1 Ganesvoort, NY 12831	518-793-1282 518-793-1282	2
Finkelstein, Samuel L. NYS DEC	7 Aspen Court Coram, NY 11727	516-928-4453 516-751-7900	11
Fisher, Michael S. SUNY Env. Science (S)	201 Fellows Avenue Syracuse, NY 13215	315-424-0825	10
Flick, William Cornell University	Paul Smiths, NY 12970	518-327-3529 518-327-3534	13
Foley, Robert E. NYS DEC	3 Frasier Avenue Johnstown, NY 12095	518-762-1114 518-773-7319	3, 26, 34
Fontana Charles NYS DEC	State Fish Hatchery DeBruce, NY 12758		2
Forest, Herman S. SUNY Geneseo	19 Genesee Park Blvd. Rochester, NY 14611	716-436-3836 716-245-5279	3, 10
Fox, Richard NYS DEC	59 N. Morris Avenue Farmingville, NY 11738	516-698-3452 516-751-7900	11, 12
Fraser, Douglas F. Siena College	Suto Road Voorheesville, NY 12211	518-872-2024 518-783-2451	3
Gaillard, Ethel M. Ecological Analysts	RD #1 Box 59B Wallkill, NY 12589	914-895-2970 914-429-8133	29
Gann, Michael C. NYS DEC	RD #1 Box 153 Rosendale, NY 12472	914-658-8704 914-255-5453	16
Gaskin, Peter Jefferson Comm. College	RD Adams Center, NY 13606	315-543-5314 315-782-5250	13
George, Carl Union College	RD #4 Wagner Road Scotia, NY 12302	518-393-0629 518-370-6243	9, 19
George, Ellie Biosystems Research	860 B Robin Road W. Amherst, NY 14228	716-689-8122 716-631-9538	15
Gift, James J. Ecological Associates	14 W. Spring Hollow Road Centerport, NY 11721	516-261-3050 516-752-1122	9
Gloss, Steven P. U.S. Fish & Wildlife	793 Van Buskirk Gulf Rd. Newfield, NY 14867	607-564-3308 607-256-2001	13, 14, 28

NAME	ADDRESS	TELEPHONE	INTEREST
Hasse, Jack NYS DEC	207 Genesee Street Utica, NY 13501	315-797-6120	7, 16
Hatch, William NYS Env. Cons.	Long Shore Road Westernville, NY 13486	315-828-4615 315-337-1390	2
Haynes, James M. SUNY Brockport	44 Winston Woods Brockport, NY 14420	716-637-6376 716-395-2476	3, 16
Heacox, Cecil E. Self-Employed	R.D. Box 194 Wassaic, NY 12592	914-677-5659 914-677-5659	1, 6
Heicher, David W. US Army Engineers	60 Hunt Avenue Hamburg, NY 14075	716-649-4682 716-876-5454	5, 21, 10, 11
Herman, Lloyd Cornell University (S)	1049 S. Campbell Blvd. N. Tonawanda, NY 14120	716-688-7386	3, 10
Hoff, Thomas B. Texas Instruments	12 St. Anne Drive New Windsor, NY 12550	914-565-6779 914-737-3081	9, 13, 17, 31, 32
Holden, Timothy E. Ichthyological Assoc.	301 N. Cass Street Middletown, DE 19709	302-378-4536	2, 15
Holmes, Ned NYS DEC	High Acres Hemlock, NY 14466	716-346-5761 716-226-2466	16
Holsapple, John G. NY Power Pool	PO Box 146 New Baltimore, NY 12124	518-756-9783 518-381-2122	29, 34
Hughes, Steven G. Cornell University (S)	700 Warren Rd. Apt. 24-1E Ithaca, NY 14850	607-257-3229 607-256-2151	2, 26
Hulbert, Philip J. NYS DEC	RD #1 Box 69 East Meredith, NY 13757	607-278-5490 607-652-7364	13, 25, 28
Hutchings, Carol Am. Museum Nat. Hist.	449 Closter Park Road Closter, NJ 07624	201-768-1442 212-TR3-1300	20
Hutchinson, Brendan Cornell Fish Station	Thomas Road Newfield, NY, 14867	315-633-9243	3, 10
Hutchinson, Jay B. Jr. O & R Utilities, Inc.	Angola Road Cornwall, NY 12518	914-534-4350 914-627-2581	29
Insalaco, Sam NYS Dept. of Health	5-IL Winding Brook Drive	518-869-1185 518-474-7054	28, 34
Isaacson, Peter A. NYS Public Service	50 Fleming Road Rensselaerville, NY 12147	518-797-5196 518-474-5363	3, 29

NAME	ADDRESS	TELEPHONE	INTEREST
Kurtz, Robert J. NY Corps of Engineers	27 Smith Street Valley Stream, NY 11580	516-LO1-6429 212-264-3615	10, 11, 21
Kuzia, Edward J. NYS DEC	Lily Lake Road Gloversville, NY 12078	518-725-3532 518-773-7318	33
Lander, Vincent R. Consolidated Edison	34 Bart Drive Poughkeepsie, NY 12603	914-473-9213 914-737-8528	29
Lange, Robert E. NYS DEC	4 York Drive Mt. Sinai, NY 11766	516-751-7900	14, 16
Lantiegne, Ernie NYS DEC	240 Virgil Road Dryden, NY 13053	315-844-8792 315-753-3095	16
Laspina, Mary E. Ecological Analysts	2 Dietz Street Central Islip, NY 11722	516-234-8423	
Lawrence, W. Mason Self-Employed	40 Albin Road Delmar, NY 12054	518-439-1964 518-439-1964	1, 16
Leibovitz, Louis Cornell University	940 E. State Street Ithaca, NY 14850	607-273-1328 607-273-5440	18
Lewthwaite, Robert K. NYS Env. Cons.	Thompson Road Holland Patent, NY 13354	315-865-5582 315-337-1390	2
Loeb, Howard A. NYS DEC	184 Georgetown Court Voorheesville, NY 12186	518-765-4935 518-457-5420	13
London, Mark Public Service G & E	127 West Shore Road Denville, NJ 07834	201-625-1367 201-430-8036	21
Long, John J. Chairman (Region 9)	1953 Balmer Road Ransomville, NY 14131	716-791-3711 716-285--7313	13
Macy, Zachary S. Peace Corp. Ecuador	9 Millford Drive Locust Valley, NY 11560	516-676-2826	3, 10, 14
Makarewicz, Joseph SUNY Brockport	205 Darla Drive Brockport, NY 14420	716-637-9542 716-395-2476	24, 27, 28
Mangiardi, Joseph L. II South Dakota St. Univ. (S)	Box 63 Schroon Lake, NY 12870	518-532-7984	2, 17
Marasczlchi, Daniel J. SUNY Oswego (S)	315 W. Lind Road Syracuse, NY 13219	315-468-6554 315-342-1992	3
Marean, James B. NALCO	24 Grove Street Baldwinsville, NY 13027	315-638-8283 315-437-6658	15, 19

NAME	ADDRESS	TELEPHONE	INTEREST
Newell, Arthur J. Ichthyological Assoc.	RD #1, Box 71 Westerlo, NY 12193	518-797-5150 607-652-3563	10, 16
Nichols, Kenneth B. Retired	114 Seaman Avenue Castel on Hudson, NY 12033	518-732-7000	2
Nickum John G. Cornell University	2 Top Forty Road Freeville, NY 13068	607-844-5557 607-256-2151	2, 13, 14
O'Connor, Susan Ph.D. LMS Engineers	Box 461 Jones Road Warwick, NY 10990	914-986-6161 914-735-8300	21
Olney, Louis G. Morrisville Ag. & Tech.	Rocks Road, Box 152 A Morrisville, NY 13408	315-684-3448 315-684-7987	19
O'Mara, Timothy Burke US EPA Region 5	62 Inwood Place Buffalo, NY 14209	716-881-1666	16, 28
Otis, Maurice B. NYS DEC	PO Box 243 Saranac Lake, NY 12983	518-891-1009 518-891-1370	16
Padilla, Miguel Manhattan College (S)	15 Marbel Hill Avenue Bronx, NY 10463	212-562-5394	2, 3
Paloumpis, Andreas A. Onondaga Comm. College	4859 Pembridge Circle Syracuse, NY 13215	315-488-8231 315-469-7741	16, 28
Pappantoniou, Antonios Herbert Lehman College	2755 Reservoir Avenue Bronx, NY 10468	212-796-1660 212-960-8239	3, 9, 19
Parker, Carl E. NYS DEC	51 Delmar Place Delmar, NY 12054	518-439-5207 518-457-5240	1, 23, 28
Parsons, John H. NYS Env. Cons.	Box 30, RD #4 Rome, NY 13440	315-865-4109 315-337-1390	2
Pearce, Bill NYS DEC	615 Bevary, Box 316 Cape Vincent, NY 13618	315-654-2833 315-654-2147	3, 10
Pearce, Susan Cornell University (S)	Box 316 Cape Vincent, NY 13618	315-654-2833 607-539-7289	3, 10
Pelchar, Thomas	60 Harrison Avenue Glens Falls, NY 12801	518-793-3710 518-457-5431	2
Perrotte, William T. Jr. Marist College	Box 293 (Old Post Road) Staatsburg, NY 12580	914-889-4048 914-471-3240	3, 24
Petrillo, Edward A. Suffern High School	RD #2 Big Island Road Warwick, NY 10990	914-651-7513 914-357-3800	9

NAME	ADDRESS	TELEPHONE	INTEREST
Rivlin, Ken Lehman - CUNY (S)	12 North Shore Terrace Sparta, NJ 07871	212-543-1258 212-960-8237	3
Roberts, Ron Ecological Analysts	P.O. Box 371 Staatsburg, NY 12580	914-452-2000 914-737-3081	29
Rough, Gaylord E. Alfred University	88 South Main Street Alfred, NY 14802	607-587-5761 607-871-2205	3, 10
Russell, Michael R. SUNY Fredonia	4361 West Fairmont Avenue Lakewood, NY 14750	716-763-7101 716-673-3374	16
Salamon, Kenneth J.	RD #1, Baker Road Hopewell Junction, NY 12533	914-223-5981	26
SanTapaga Robert V. SUNY - Syracuse	150 Acacia Avenue Staten Islan, NY 10308	212-984-7499	3, 10
Schachte, John H. Dr. NYS DEC	706 Floyd Avenue Rome, NY 13440	315-339-2518 315-337-0910	18
Schultz, Ken Self-Employed	RR #1, Box 52-Y Monticello, NY 12701	914-794-3941 914-794-3941	6
Schiavone, Al NYS DEC	270 Paddock Watertown, NY 13601	315-788-4308 315-782-0100	14, 16
Schmidt, Robert E. Fordham University	31 Whippoorwill Road Armonk, NY 10504	914-273-9183 212-933-2233	3
Schoch, William F. NALCO	RD #2, Box 220 Rexford, NY 12148	518-371-6562 405-624-6342	
Seeley, George R. Jr. NYS DEC	MR 3 Rome, NY 13440	315-337-1390 315-337-1390	2
Shearer, Robert I. Tug Hill Commission	RD #2 County Home Road Mexico, NY 13114	315-963-8904 315-341-2343	5
Shearer, Sally M.	RD #2 County Home Road Mexico, NY 13114	315-963-8904	5
Sheldon, Jeffrey A. Beach Channel High	207 McKinley Avenue Island Park, NY 11558	516-432-3412	2
Sheppard, J. Douglas NYS DEC	3 Birchwood Drive Clifton Park, NY 12018	518-371-1355 518-457-6178	
Shuba, Thomas A. NALCO	6720 Thompson Road Syracuse, NY 13211	315-424-9288 315-437-6658	8

NAME	ADDRESS	TELEPHONE	INTEREST
Storr, John F. Ph.D. SUNY Amherst	41 Fairways Boulevard Buffalo, NY 14221	716-633-8479 716-636-2968	3, 9
Strait, Lawrence E. NYS DEC	56½ Sentinel Road Lake Placid, NY 12946	518-523-9225 518-891-1370	13
Sutherland, Laurie A.	Box 408 Chickatawbut Hill Milton, MA 02186	617-698-4475 617-696-0920	10
Talbot, Clifford NYS Env. Cons.	Shady Grove Trailer Park Rome, NY 13440	315-337-3229 315-337-1390	2
Taormina, Anthony S. NYS DEC	108 Glenwood Lane Port Jefferson, NY 11777	516-473-1869 516-751-7900	1, 11
Tarby, Martin SUNY Buffalo	159 Princeton Avenue Egbertsville, NY 14226	716-833-4236	16
Thomas, Richard E. SUNY Oneonta (S)	22 Academy Street Oneonta, NY 13820	607-432-1662	3, 9
Thomas, Robert W. National Weather Serv.	5612 West Milton Rd. RD #1 Ballston Spa, NY 12020	518-885-9769	3, 8
Tietjen, John H. City Coll. of N.Y.	134 Palisade Avenue Leonia, NJ 07605	201-947-3372 212-690-8433	5
Tourje, Thomas T. Hazelton Env. Sci.	8372 Redwing Drive Liverpool, NY 13088	315-622-2994 315-437-6658	3, 15
Tuttle, L. Raymond Jr. Consolidated Edison	13 Julie Driv, RD #4 Hopewell Jct., NY 12533	914-226-2688 914-737-5735	13, 29
Tyler, James C. NMFS	7847 Patriot Drive Annandale, VA 22003	703-256-9828 202-634-7472	3, 23
Vaas, C. Randy NYS DEC	1218 Toggenburg Road Fabius, NY 13063	315-683-5216 607-753-3095	
VanDresar, Clyde NYS Env. Cons.	9021 Western Floyd Road Holland Patent, NY 13354	315-827-4467 315-337-1390	2
VanVolkenburgh, Pieter NYS Env. Cons	464 Greene Avenue Sayville, NY 11782	516-567-1738 516-751-7900	
Volk, Eric Cornell University (S)	714 North Tioga Street Ithaca, NY 14850	607-273-7867	19
Wahl, David H. Cornell University (S)	86 Pasadena Place Williamsville, NY 14221	716-632-6539	3, 16

NAME	ADDRESS	TELEPHONE	INTEREST
Witman, David C. Texas Instruments	64 Wheatstone Circle Fairport, NY 14450	914-739-5917	19
Wittig, Leon H.	209 Eliz Street Utica, NY 13501	315-737-8657 315-735-9511	8
Wray, Clifford C. Jr. NYS DEC	460 Old Town Road Port Jefferson, NY 11776	516-928-0307 516-751-7900	11
Young, Byron H. NYS DEC	Rt. #1, Box 3J Middle Island, NY 11953	516-751-8200	11, 31
Zacchea, Donald NYS DEC	Building 40 Stony Brook, NY 11794	516-751-7900	11
Zebisch, Emily SUNY Syracuse (S)	336 Primrose Avenue Syracuse, NY 13205	315-475-2460	3, 16
Zicazi, Lavry Chenango Co. Plan. Bd.	Box 322 Oxford, NY 13830	607-843-6629 607-335-4620	
Zuckerman, Lawrence SUNY Syracuse (S)	325 Roosevelt Avenue Syracuse, NY 13210	315-475-1598 315-473-8852	3, 10



NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

Executive Committee Meeting
October 22, 1979

President Briggs called the meeting to order at 10:45 AM with the following attendees:

Philip Briggs	Bill Pearce
John Grim	Art Newell
Lawrence Skinner	Jim Haynes
Bruce Shupp	Larry Strait
Steven Gloss	

In review of news from the annual meeting of the parent society, three important decisions were noted.

1. The Cornell University chapter was recognized and approved.
2. A new section, the Marine Fisheries Section, was approved.
3. No certification programs are being approved other than those currently existing, i.e. parent society and Fish Health Section certification.

Committee Reports

Legislative needs committee - Bill Pearce reports little progress made. The functioning of the chapter has been hampered by problems with access to legislative proposals and time constraints. The committee may review legislation at one of several stages (1) Prefiled stage available in December; or (2) After bills have been drafted during the legislative session. The chapter also has the opportunity to introduce legislation through representatives of the Assembly and Senate. The committee is to draft a letter to legislative committee members dealing with the environment pointing out the services and advantages of having AFS as an advisory group in a professional review capacity.

Bill noted that public hearings on the Coastal Zone Management Act are upcoming in November. The NYS Dept. of State is temporarily designated lead agency but there is concern about duplication of efforts by DEC and Department of State and concern about not giving the environment proper consideration at time of decision making.

Also Dingell - Johnson legislation amendments needs promotion and support. Membership committee - Almost 40 percent of 1978-79 members have not paid their 1979-80 dues John Grim reports. A special mailing is being sent to unpaid members. The 1980-81 membership drive will begin December 1, 1979.

Newsletter Committee - Larry Skinner reported for Scott Quinn. The second newsletter consisting of annual meeting notice and call for papers, best student paper award, workshop committee report, Northeast Division call for papers and review of parent society meeting review was mailed October 18, 1979.

The deadline for the next letter is November 26, 1979.

Treasurer's Report - Larry Skinner

Checking account balance	\$ 330.34
Savings account balance	\$ 4143.77
Stamp account balance (<u>5</u> stamps)	\$.75

Program Committee - Steve Gloss reports the program is basically set except for receipt and review of submitted papers. The panel on marine angler licensing is set but the chapter may absorb transportation costs of several speakers by use of a registration fee. The Friday evening speakers will be Steve Risco (on Fisheries in UNESCO) and Ray Oglesby who recently completed work in Sr: Lanha (formerly Crylon) for UNESCO.

Steve moved that a best student paper award of \$50 be given. Seconded and passed unanimously.

A program outline is attached.

Workshop Committee - Bruce Shupp noted the latest outline and current status of the workshop has been released via the newsletter (copy attached). A mailing list for the NE Division AFS is being requested.

Auditing Committee - Mike Weinstein has moved to Virginia and has nominated Doug Shepard of Consolidated Edison as the new chairman. The nomination was approved.

Certification Committee - With the news from the parent society, the work of the committee chaired by Jim Haynes is uncertain. President Briggs noted that an ad hoc committee to review the national certification program was appointed of which he is a member. After considerable discussion, the chapter shall continue to development of certification criteria, questions (via Jim Winter's committee) and surveys of colleges and consultants and submit them to the ad hoc committee. Further the chapter shall be polled as to acceptability of the guidelines and tests developed. The chapter shall not protest the decision of National society.

Jim Haynes indicated that initial results of the survey of colleges provided the following:

- 96 of over 300 colleges responded to the questionnaire
- Approximately 2/3's of the respondents have fisheries related programs
- Of the approximately 66 respondents 86% felt entry level testing for certification is necessary
- 89% feel certification may aid in job placement
- 96% supported certification programs

By-Laws Committee - No action. Need for defense of dues increase was noted.

Nominating Committee - Laurie Sutherland (chairman) has moved to Maryland. To assure that the committee is active, Howard Loeb is being appointed co-chairman.

New Business:

The Western Division AFS has developed the bumper sticker "Fish need water too; Support AFS". Cost to the chapter would be \$20/100 stickers; sell to member at \$1-1.25 each. The Secretary-Treasurer was instructed to order 100 stickers by consensus of the executive committee.

Interest in formation of a crayfish or macroinvertebrate group within the chapter was indicated by letter from Joe Pickett. The Program Committee shall announce an evening time meeting place for those interested in meeting for discussions.

Meeting adjourned at 2:40 PM. Next executive committee meeting shall be at 7 PM January 31, 1980 prior to the annual meeting.

Respectfully submitted,


Lawrence C. Skinner
Secretary-Treasurer

DRAFT - NEW YORK CHAPTER AFS TESTIMONY TO NEW YORK STATE, DEC, PROPOSED
CLASSIFICATIONS AND STANDARDS OF QUALITY AND PURITY OF HEARINGS,
JANUARY, 1979

I am Dr. Edward J. Kuzia, Water Quality Committee Chairman of the New York Chapter of the American Fisheries Society (AFS). The approximately 8,000 member International AFS was organized in 1870. Its objectives are conservation, development and wise use of recreational and commercial fisheries, promotion of all branches of fisheries science and practice and exchange and dissemination of knowledge about fish, fisheries and related subjects. The 255 members of the New York Chapter represent a diverse mixture of fisheries management, propagation and research biologists, limnologists, aquatic ecologists, marine scientists and students affiliated with academic institutions; government agencies, industry and aquatic consulting firms. Concern for the quality of New York waters is implicit throughout the Chapter membership. Because of this concern, the New York Chapter of AFS is compelled to comment on the Proposed Classifications and Standards of Quality and Purity for New York waters.

Quality of our waters reflects the quality of our total environment and, ultimately, quality of human life. Toxic substances in New York waters and the aquatic food-chain contained therein have been identified as direct threats to human health. The Chapter is not qualified to address health related issues; therefore, we will reserve our comments to impact on the fish and fisheries they support.

A fishery is the complex of interactions within and between populations of fish being harvested, the populations of fishermen and the environments of each. A population of fish is not considered a fishery until harvested for some type of human use; i.e. recreation or food. Pursuit of fish for these uses constitutes a significant industry in New York resulting in both enjoyable use of leisure time and revenue to the State's economy.

NOAA (1977) estimated the value of New York saltwater commercial landings (paid to fishermen) at \$30.6 million in 1977. The National Marine Fisheries Service (1978) estimates 2.5 million saltwater anglers fish New York waters in 1973-74. The U.S. Fish and Wildlife Service (USFWS 1977) estimated U.S. saltwater angler fished an average of 12.7 days each and made expenditures averaging \$16.65/day in 1975. Multiplying these average days and expenditures by New York's 2.5 million saltwater anglers and expanding for inflation at 8 percent per year 1975-1978, results in estimated total annual expenditures for saltwater recreational angling in New York of \$600.7 million.

In addition, there are approximately 800,000 licensed freshwater anglers in New York (DEC unpublished data 1978). The USFWS (1970) estimated there are 0.63 unlicensed anglers to every licensed angler, therefore, approximately 1.3 million anglers fish New York fresh water annually. Brown (1976a) estimated each freshwater angler fished an average of 17.8 days annually in 1973. USFWS (1977) estimates the average daily expenditure of warmwater and coldwater anglers at \$9.76 in 1975. Expanding by 8 percent inflation 1975-1978 and multiplying by the number of freshwater days expended by anglers on New York freshwater results in estimated annual expenditures of \$284.6 million.

Total saltwater commercial fishing and saltwater and freshwater recreational angler expenditures amount to \$975.9 million annually. Therefore, New York fisheries, first generation expenditures alone represent almost a one billion dollar industry -- a vital segment of the New York economy.

Effects of toxic substances and changes in ambient physical parameters on growth, survival and reproductive capability of fish and other aquatic fauna have been well documented in literature. The DDT problem on reproductive success of lake trout in Lake George, New York is an excellent example of contaminant impact on perpetuation of a desirable species (Burdick, et al, 1972).

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use

Accumulation of toxic substances in fish flesh and ensuing regulations or warnings promulgated to safeguard human health have also had profound impact on fisheries. Brown (1976b) estimated that the possession ban on certain species and sizes of salmonids in Lake Ontario and its tributaries caused a 70 percent drop in angling use in the Salmon River, one of New York's most popular trout and salmon fishing tributaries. Closure of the Upper Hudson River from Fort Edward to Troy in 1975 because of PCB contamination restricts enhancement of the fishery in that section of the Hudson in the near future. Mercury contamination of Onondaga Lake, Syracuse, New York resulted in total prohibition of angling in a once intensely used fishery in a major urban area.

Following a 1977 ban on consumption of fish in a 100 mile section of the South Fork of the Shenandoah River, Virginia, due to mercury contamination, angling use declined 72 percent from 1975 levels.

A complete ban on fishing was also imposed on Lake St. Clair, Michigan in 1970, because of mercury contamination. It was estimated that the closure estimated \$3.3 million in gross business revenue to Michigan (Martin, 1978).

All of these documented examples suggest the magnitude of recreational and economic losses which can accrue from aquatic habitat degradation. While the New York Chapter of AFS emphasizes the importance of these recreational and economic benefits derived through maintenance of high quality water standards, we are also cognizant of potential economic impact to society through over-regulation. Imposition of standards and criteria which are presently technologically impossible to achieve, detect, monitor and enforce could place unrealistic restrictions and thereby financial constraints on New York industry, and ultimately the public.

Therefore, where criteria and standards are documented as contradictory; non-detectable by all sophisticated, available techniques; impossible or impractical to achieve; the New York Chapter of AFS urges the Congress of the United

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States and the New York Legislature to provide funding for necessary research which will develop analytical techniques, standards and data on which realistic, safe discharge standards and criteria can be based.

However the Chapter enthusiastically supports prompt adoption of those criteria and standards based on scientifically supported data that unequivocally demonstrate need to promulgate further regulation.

Literature Cited

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- ✓ Brown, T.L. 1976b. After the Ban. Coastlines Vol 7(6), November-December, 1976. NYS Sea Grant Institute, Cornell University, Ithaca, New York
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Burdick, G.E. et al. 1972. Effect of rate and duration of feeding DDT on the reproduction of salmonid fishes reared and held under controlled conditions. N.Y. Fish and Game Journal, Volume 19(2), New York DEC, Albany, New York. 97-115.
- ✓ Martin, Robert G. 1978. Impacts of Aquatic Contaminants on Angling. SFI Bulletin 293. Page 1-3. Washington, D.C. 20005. April, 1978.
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- USFWS. 1977. 1975 National Survey of Hunting, Fishing and Wildlife-Associated Recreation. USFWS. Washington, D.C.

Fred Blossom → 516, 475-6988

Bill Tyson
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NEW YORK CHAPTER — AMERICAN FISHERIES SOCIETY

November 3, 1978

Mr. Carl Sullivan
Executive Director
American Fisheries Society
5410 Grosvenor Lane
Bethesda, Maryland 20014

Dear Carl:


Until February 3, 1979 our current Secretary-Treasurer is also our newsletter committee chairman. The newsletter chairman is the ideal representative to communicate Chapter activities to Fisheries.

We will be recommending to the next president that the Secretary-Treasurer and newsletter jobs be assigned to different individuals because of the heavy workload of both offices.

Therefore, your contact until February 3, 1979 is:

Joseph Gorsuch, Secretary-Treasurer and Newsletter Chairman
Eastman-Kodak Company
Toxicology Section, Building 306
HS and HFL
Rochester, New York 14650
(716)-458-1000 Ext. 84-528.

Sincerely,


Bruce D. Shupp, President
New York Chapter, AFS

BDS/ja
cc: Executive Committee



American Fisheries Society

ORGANIZED 1870 | INCORPORATED 1910

HENRY A. REGIER
PRESIDENT 1978-1979

CARL R. SULLIVAN
EXECUTIVE DIRECTOR

ROBERT L. KENDALL
EDITOR

October 17, 1978

Mr. Bruce Shupp, President
New York Chapter, AFS
Box 278
Chestertown, New York 12817

Dear Bruce:

In Fisheries we have been attempting to expand our news coverage of AFS Chapters, Sections, and Divisions. We hope to help strengthen the separate sub-units, as well as to publicize their activities and events. This sharing of new ideas can help broaden the technical background of the membership and provide information as to where resource expertise is available.

As Editor of Fisheries, I would appreciate your sending me the name of the person in your organization who will serve as Fisheries correspondent to provide periodic activity reports. We have information sheets on how to prepare copy and how to handle pictures for use in Fisheries. Upon receipt of the name and address, we will mail material directly to your representative.

Thank you for your early attention to this matter.

Sincerely yours,

Carl R. Sullivan
Editor of Fisheries
Executive Director

CRS/twb

