# New York Chapter American Fisheries Society 2004 Annual Meeting 

## Emerging Fishery Management Challenges: Proactive Approaches for Aquatic Nuisance Species and Fish Diseases



Meeting Program and Abstracts
February 4-6, 2004
Radisson Hotel Corning, Corning, NY

# New York Chapter American Fisheries Society 2004 Annual Meeting Program 

Wednesday, February 4, 2004

| 5:00 PM | NYCAFS Executive Committee Meeting |
| :---: | :---: |
| 7:00 PM | Registration |
| 8:00 PM | Meet the Speakers Social |
| Thursday, February 5, 2004 |  |
| 7:00 AM | Breakfast |
| 8:00 AM | Registration |
| 9:00 AM | Opening Remarks: Webster Pearsall, NYCAFS Chapter President Emily Zollweg/Mark Malchoff, Annual Meeting Program Chairs |
| Plenary Session: Emerging Fishery Management Challenges: Proactive Approaches for Aquatic Nuisance Species and Fish Diseases |  |
| 9:15 AM | Dr. Steve Brandt: NOAA- Great Lake Environmental Research Lab |
| 10:00 AM | Dr. Phil Moy: From Gobies to Asian Carp and Beyond - Creating an Aquatic Nuisance Species Barrier in The Chicago Sanitary and Ship Canal- University of Wisconsin Sea Grant Institute |
| 10:30 AM | Coffee and refreshments |
| 10:55 AM | Mike Goehle: Preventing the Spread of Aquatic Nuisance Species Through Pathway Management: The H. A. C. C. P. Approach- USFWS Lower Great Lakes FRO |
| 11:10 AM | Mark Malchoff: Recent invasion of Tench (Tinca tinca) in Southern Quebec and Lake Champlain - New York Sea Grant- Lake Champlain |
| 11:35 AM | Dr. Carol Stepien: Genetics of Exotic Mussels and Gobies in the Great Lakes: What does DNA tell us about invasions?- Cleveland State University |
| 12:05 PM | Luncheon |
| 1:30 PM | Andy Noyes: A Review of Largemouth Bass Virus- NYS DEC |
| 2:00 PM | Dr. Paul Bowser: An Overview of New and Emerging Diseases of Fish- Cornell University |
| 2:25 PM | Rod Getchell: Botulism in Fish in the Lower Great Lakes- Cornell University |
| 2:50 PM | Coffee and refreshments |


#### Abstract

S

\title{ Preventing the Spread of Aquatic Nuisance Species Through Pathway Management: The HACCP Approach }

Michael Goehle, Lower Great Lakes FRO, U. S. Fish \& Wildlife Service, 405 N. French Rd. Suite 120A, Amherst, NY 14228. (716) 691-5456. Michael_Goehle@fws.gov

Natural resource activities can provide unique pathways for the spread of invasive species. Boats, gear, and personnel often travel from one ecosystem to another within a matter of days or even hours. Many aquatic invasive species are capable of surviving the airborne trip between sites. Fish and other animals can remain alive within even small amounts of water left in coolers, livewells, and bilges. The Hazard Analysis and Critical Control Points (HACCP) approach enables field crews, managers, and others to identify key tasks within these activities where control of invasive species can be performed, thus significantly reducing the chance for unintentional spread. This proactive approach can be applied to virtually any aquatic or terrestrial natural resource activity.


## Recent invasion of Tench (Tinca tinca) in Southern Quebec and Lake Champlain

Mark Malchoff, Lake Champlain Sea Grant, 101 Hudson Hall, Plattsburgh State University, Plattsburgh, NY 12901

In late 1999, an unidentified species of fish began to appear in the commercial hoop net fishery in the South River, tributary to the Richelieu River in Southern Quebec. Quebec Parks and Wildlife biologists eventually identified the fish as a tench (Tinca tinca), a Cyprinid native to Europe. Agency staff eventually identified the source of the exotic as that of a pond aquaculture facility near the headwaters of the South River. Although education efforts aimed at limiting the transportation of tench by bait handlers have been initiated, tench were well established and spreading by 2001. In 2002, an angler recovered an adult tench in the lower reaches of the Great Chazy River, NY, just upstream from Lake Champlain. No monitoring of the range expansion is currently planned by any of the member agencies of the Lake Champlain Fish and Wildlife Cooperative. The intentional introduction of this species revealed an interesting lapse in the regulatory system that should have prevented the introduction and subsequent escape. The regulatory problems, range expansion, educational efforts, and potential ecological impacts of the invasion will be discussed.

# A Review of Largemouth Bass Virus 

## Andrew D. Noyes

Fish Disease Control Unit, Rome Field Station, New York State Department of Environmental Conservation, Rome, NY 13440

Largemouth bass virus (LMBV), family Iridoviridae, was first isolated from largemouth bass (Micropterus salmoides) in 1991 in Florida and is now found as far west as Texas and as far north as New York and Vermont. The first reported case of disease caused by LMBV occurred in 1995 in Santee Cooper Reservoir, South Carolina where approximately 1000 largemouth bass died. Since then, the number and severity of fish-kills caused by LMBV remains uncertain because the estimated number of dead fish in these cases was very low and subsequent fish-kills may have been undetected. To date, LMBV has been isolated from 14 different fish species including 9 from the family Centrarchidae, but LMBV disease has only been reported in largemouth bass. In most cases, populations of infected fish display no apparent disease. Largemouth bass virus disease occurs during warm summer months and usually affects large fish ( $>30 \mathrm{~cm} \mathrm{TL}$ ). Diseased fish are often lethargic and remain near the water surface. Occasionally, swim bladder lesions have been found in diseased fish, including over-inflation, hyperemia (red appearance on the ventral surface) and a brown substance in the lumen. Beginning in 2000, a study to estimate LMBV infection prevalence among different age groups of bass in five Alabama reservoirs was conducted in response to a report that the 'trophy-sized' largemouth bass populations ( $>51 \mathrm{~cm}$ TL) had declined in those lakes. Data from this study show that LMBV infection prevalence is highest in 1-3 year-old fish between $20-38 \mathrm{~cm}$ TL, but low in larger fish, so the cause of the reported decline of large-sized fish remains unclear. Recent data also suggest that the trophy bass population is recovering and LMBV prevalence is declining so the population impact may be minimal. It is too soon to what impact LMBV may have if it becomes widespread in the northern U.S. LMBV has been isolated from largemouth bass from several northern states, but only one fish-kill (Lake George, MI) was reported. LMBV has also been isolated from bass east of the Great Lakes, in Lake Champlain (NY-VT border) and St. Catherine Lake (VT), but no mortalities were reported.

# Prevalence Of Type E Botulism In Fish In The Lower Great Lakes 

Rodman G. Getchell ${ }^{1}$, Gregory A. Wooster ${ }^{1}$, William J. Culligan ${ }^{2}$, and Paul R. Bowser ${ }^{1}$

${ }^{1}$ Aquatic Animal Health Program
Department of Microbiology and Immunology, College of Veterinary Medicine
Cornell University, Ithaca, New York, 14853-6401
${ }^{2}$ Dunkirk Fisheries Research Station, New York State Department of Environmental Conservation Dunkirk, New York, 14048

In a cooperative effort with the NYSDEC, we are determining the prevalence of Clostridium botulinum Type E in apparently healthy, moribund, and freshly dead fish. The focus is on species of fish that have died in recent fish-kills such as freshwater drum, smallmouth bass, and round goby. Scheduled collections of these species of fish, as well as sampling during fish-kills and active outbreaks of botulism in waterfowl have been taking place. Standard necropsies are being performed on all fish sampled including skin scrape, gill clip, and bacteriological culture of the kidney.

Liver and intestinal content samples have been tested with a new real-time PCR assay for the Type E botulinum toxin gene. We have cloned a small fragment of the Type E toxin gene that is the key to creating a standard curve in the quantitative PCR assay. With dilutions of the plasmid DNA as a standard, we can compare the results with the unknown fish tissues and quantify the number of C.botulinum bacteria present in the fish samples.

The samples that test positive for $C$. botulinum are assayed for toxin by the traditional mouse bioassay at the Botulism Laboratory at the University of Pennsylvania and with a new rapid detection kit for environmental screening. We hope to better understand the circumstances under which piscivorous birds can become intoxicated with Type E botulism from eating live or moribund fish.

We have collected over 750 fish from Lakes Erie and Ontario during 2002 and over 675 fish in 2003. The most common species examined in 2003 included 295 smallmouth bass, 185 round goby, and 166 freshwater drum. To date, botulism has only been detected from fish collected from Lake Erie; none from Lake Ontario have tested positive despite collecting more fish from there in 2003. There were suspicious fish-kills near Rochester and the mouth of the Niagara River. Unfortunately, suitable samples of fish were not available even though biologists from the NYSDEC and USFWS were on the water as soon as die-offs were reported moribund fish.
Fish mortality events on Lake Erie in 2003 were limited to a die-off of freshwater drum that began to occur at the end of August. A total of 17 moribund or freshly dead fish were collected over a period of three weeks. Three of these fish were diagnosed with Type E botulism. Also, earlier in the year, one of the five-fish pooled samples of round goby intestines tested positive in our quantitative PCR assay. These were part of a collection of 30 round gobies caught near Dunkirk, NY on June 4, 2003. Prevalence data from the 2002 \& 2003 field seasons will be presented.

# Feeding electivity of double-crested cormorants in Oneida Lake, New York with a critique of the performance of available electivity indices 

James R. Jackson*, Anthony J. VanDeValk, Jeremy T.H. Coleman, Lars G. Rudstam

Department of Natural Resources, Cornell Biological Field Station, 900 Shackelton Point Road, Bridgeport, New York 13030; Phone 315-633-9243; email contact jrj26@cornell.edu.

Populations of double-crested cormorants Phalacrocorax auritus have expanded throughout the species' range since enactment of environmental regulations in the 1970s. Currently, many populations have reached levels that can negatively impact fish populations. Cormorants were first observed nesting on Oneida Lake, New York in 1984, and currently some 300 nesting pairs utilize the lake. To date, 22 fish species have been identified in cormorant diets, with the important recreational species yellow perch Perca flavescens and walleye Sander vitreus commonly accounting for $70 \%$ of total annual diets. Seven available electivity indices were applied to nine years of diet data to assess foraging electivity of cormorants on different age classes of walleye and yellow perch. In general, most indices indicated positive selection for age 1-3 fish for both species, and negative selection for age-0 and age- $4+$ fish, but there were substantial differences in concordance of the different indices both within and among years. Comparisons of index performance with this long-term data set indicate that interpretation of cormorant foraging behavior is highly dependent upon choice of electivity index. Feeding electivity for other fish species was more difficult to assess due to differential availability of fish to our sampling gears. However, utilization by cormorants of species exhibiting dramatic annual variations in abundance such as gizzard shad Dorosoma cepedianum and freshwater drum Aplodinotus grunniens supported the hypothesis that cormorants feed opportunistically, and feeding patterns shift with seasonal availability of fish species.

# Survival and bioenergetic responses of juvenile salmonine to multiple environmental gradients in Lake Ontario tributaries 

Stephen M. Coghlan Jr., Michael J. Connerton, Neil H. Ringler, Donald J. Stewart, and Jerry V. Mead

## SUNY College of Environmental Science and Forestry, Syracuse, NY

The distribution and abundance of wild and naturalized salmonine populations may reflect variation in energy balances of individuals along multiple environmental gradients. We studied the survival and bioenergetics of stocked Atlantic salmon, steelhead trout, and coho salmon in response to abiotic and biotic gradients in Lake Ontario tributaries to predict outcomes of various management scenarios, including reintroduction of Atlantic salmon. Survival of Atlantic salmon was not affected by the presence of other stocked salmonines, and was significantly higher than that of the other salmonines. At the regional scale, physiographic region was a good predictor of Atlantic salmon success; streams in the Tug Hill Uplands yielded the highest survival rates, whereas streams in the Erie-Ontario Lowlands yielded the highest growth rates. At the mesohabitat scale, physical habitat variables were better predictors of Atlantic salmon success than were thermal or chemical variables. In general, small, cool streams with cobble or gravel substrate outperformed large, warm, boulder-strewn streams. At low to moderate values, Atlantic salmon survival was directly related to wild steelhead density, possibly because of similar requirements in physical habitat. Above a critical steelhead density, however, Atlantic salmon survival decreased, probably due to competitive interactions with steelhead juveniles. Organic pollution level, estimated by invertebrate indicators of water quality, was a non-linear predictor of Atlantic salmon bioenergetic parameters, but only at sites in which other salmonines also were stocked. One hypothesis is that increased nutrient loads result in increased prey availability and food consumption up to a point. Beyond this point, consumption fails to keep pace with metabolic demand, perhaps because pollution-induced stress increases energy expenditure. The majority of the study streams met or exceeded target densities developed by managers for age-0 Atlantic salmon parr in Canadian tributaries of Lake Ontario, with comparable growth rates as well. Considering the relative success of stocked Atlantic salmon in a variety of streams compared to that of stocked steelhead and coho salmon, we recommend increased stocking of Atlantic salmon fry in New York tributaries of Lake Ontario, especially in those with little or no natural reproduction of wild salmonines.

# Genetic Population Structure Among Spawning Aggregations of Northern Pike in the Saint Lawrence River Using Microsatellite Markers 

## Aaron Bosworth (MS candidate at SUNY-ESF)

The results of recent investigations into the reproductive strategies employed by northern pike (Esox lucius) have suggested that this species exhibits both natal-site and spawning site fidelity. These results were produced using molecular technologies with microsatellites as the marker type, but were hampered by low polymorphism in the markers that were available at the time. This study combines previous microsatellite markers with new, polymorphic markers to resolve significant genetic differences between northern pike spawning populations located at fine spatial scales within the Thousand Islands Region of the Saint Lawrence River. Significant multiple locus allele frequency differences across six microsatellite DNA loci indicated reproductive isolation between some spawning locations located less than five kilometers from one another. Additionally, data from previous physical tagging studies are used to estimate annual recapture percentages, as well as the extent of northern pike dispersal from spawning areas. Genetic results of this study support the theory that northern pike exhibit both natal-site and spawning site fidelity. Management on the basis of discrete spawning populations may be appropriate for this species.

## The National Aquatic Nuisance Species Clearinghouse: Turning the Spotlight on Invasive Species

Charles R. O'Neill, Jr., Senior Extension Associate, New York Sea Grant Director, National Aquatic Nuisance Species Clearinghouse, cro4@cornell.edu
Diane J. Oleson, Extension Associate Coordinator, National Aquatic Nuisance Species Clearinghouse, djo5@cornell.edu,
Morgan II, State University College, Brockport, NY 14420, Phone: (585) 395-2638
Stakeholders interested in the introduction, spread, potential impacts, and control of nonindigenous aquatic nuisance and invasive species require timely, reliable scientific information and fast, easy access to published research pertaining to such organisms. Since 1990, information relating to the zebra mussel has been available from Sea Grant's Zebra Mussel Information Clearinghouse. But, the Clearinghouse is no longer "just" a zebra mussel information source. Since mid-1997, the "National Aquatic Nuisance Species Clearinghouse" has had the mission to facilitate and coordinate aquatic nuisance, nonindigenous, and invasive species information (ANS/NIS) sharing among researchers worldwide; provide continuity to the timely dissemination of findings of ANS/NIS research projects; and facilitate ANS/NIS prevention and control technology transfer between researchers and stakeholder audiences. The Clearinghouse serves as a major link between the research community and a wide array of university, government agency, industrial, and special interest stakeholders, and plays a high-profile role as a primary nexus for identifying completed, current, and proposed ANS/NIS research activities and for linking researchers with similar interests.

Thirty-one North American marine and freshwater aquatic nuisance, nonindigenous, and invasive species are addressed in the Clearinghouse is continually updating its library and searchable database of over 6,800 documents, which include specific collections on twenty eight organisms, as well as biological macrofouling, ballast water, aquatic exotic organism, and invasive species policy issues.

# Attributing the NHD with Channel Specific Information: GAP Analysis Techniques 

Richard P. (Dick) McDonald

Tunison Laboratory of Aquatic Science, USGS DOI GLSC
The aquatic portion of the GAP Analysis Program is designed to look at the relationship between the 'enduring features' (landscape/geologic level) and the aquatic biota of a system. The goal of GAP is to keep common species common by identifying those species and communities not adequately represented in existing conservation areas. Gap Analysis came out of the realization that a species-by-species approach to conservation is not effective because it does not address the continual loss and fragmentation of natural landscapes.

Before this can be accomplished, the 'enduring features' information must be gathered, analyzed, and attached to the line work that represents the streams of the NHD (National Hydrography Dataset). A discussion on the software, techniques, and coverages used to attribute the NHD line work will be presented along with specific examples of a drainage basin in New York State. Suggested uses of GAP analysis and GIS (Geographical Information System) techniques to answer fisheries management issues will also be discussed.

## The Fish Pathology Project: A Collaboration between the NYS Department of Environmental Conservation and the Aquatic Animal Health Program at Cornell University

Susan L. Bartlett, Paul R. Bowser, Rodman G. Getchell, Stephanie G. Grimmett, Gregory A. Wooster, Rachelle E. Kosoff

Aquatic Animal Health Program, Department of Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, New York, 14853-6401, e-mail: slb35@cornell.edu

A collaboration between the NYS Department of Environmental Conservation and the Aquatic Animal Health Program at the College of Veterinary Medicine at Cornell University was developed to address cases of severe fish kills or other abnormal mortalities encountered by the Fishery Biology staff of the NY DEC. Fish mortality events or fish with grossly visible lesions are submitted for examination when they are judged by the Regional Fishery Biology Staff to be highly significant to the Region of origin. We hope to monitor these mortalities in wild fish with the ultimate goals of:

1) identifying new and emerging fish diseases,
2) answering questions posed by anglers regarding individual cases,
3) indirectly monitoring the health of our waterways.

Four selected cases are presented that describe: myofibrogranuloma in a walleye, pigment cell tumor in a walleye, intramuscular abscess in a Chinook salmon, and a severe fish kill affecting multiple species.

## Initial Assessment of Habitat Use by Stocked Lake Sturgeon in the Genesee River

Dittman, D.E.' and Zollweg, E.C. ${ }^{2}$
${ }^{1}$ Tunison Laboratory of Aquatic Science, Great Lakes Science Center, U.S. Geological Survey, Cortland, NY 13045.
${ }^{2}$ Lower Great Lakes Fishery Resources Office, U.S. Fish and Wildlife Service, 405 North French Road, Suite 120A, Amherst, NY 14228.

Lake sturgeon (Acipenser fulvescens) is a native fish species that is a species of concern across the Great Lakes Region. Federal, state, and native American fisheries managers have identified lake sturgeon as a key target species for recovery and restoration in the Lake Ontario - St. Lawrence River system. One management tool is the experimental stocking of hatchery-reared fish into areas where the original populations have been extirpated. The Genesee River is one of the major tributaries to Lake Ontario and part of the Rochester Embayment Area of Concern. In September 2003, 900 juvenile lake sturgeon were stocked into the Genesee River, NY at river kilometer 9.1. These sturgeon had an average length of 180 mm with a range of 85 to 220 mm . An assessment using standardized gill netting from river km 3 to 9 was conducted with experimental gill nets, $125^{\prime}$ long with 5 panels of mesh sizes 1" to 3". Nine juveniles were recaptured during the Fall 2003 assessment. All were tangled in the 1" mesh. Eight of these fish were captured at river km 8.2 and the remaining one was captured at river km 6. Five were captured at site 1 during the last week of this assessment ( $11 / 04$ to $11 / 06$ ). The first successful recapture site is the first relatively deep area downstream of the release site. It averages over 6 m and has a gravelly substrate. The second successful capture site is the deepest area of the river at 9 to 10 m also with a gravelly, rocky substrate. Assessment of the use of Genesee River habitats by the stocked juvenile lake sturgeon will continue through 2004. Results of this research in the Genesee River will provide information needed for future steps in the restoration and enhancement of lake sturgeon in Lake Ontario and its tributaries.

# Caged fish study of two formulations of the aquatic herbicide 2,4-D. 

Andy Hasse ${ }^{1}$ and Eric A. Paul ${ }^{2}$

${ }^{1}$ State University of New York College at Brockport Environmental Science Department, 350 New Campus Drive, Brockport, New York 14420
${ }^{2}$ New York State Department of Environmental Conservation - Aquatic Toxicant Research Unit, 8314 Fish Hatchery Road, Rome, NY 13440

Water chestnut is an invasive, problem aquatic plant in some lakes in NYS. Currently the only 2,4-D formulation that is specifically labeled for water chestnut control is the BEE formulation (Aqua-Kleen® and Navigate ${ }^{\circledR}$ ). Although, the sodium salt formulation Aquacide ${ }^{\circledR}$ does contain the statement in the list of target species "...certain other pond weeds", product literature states "good control for water chestnut". While other problem aquatic plants have a number of options of registered aquatic herbicides, the choices for water chestnut are very limited. The NYSDEC Bureau of Habitat has recommended against the use of BEE formulations, since they reportedly have higher non-target fish toxicity (based on laboratory toxicity tests). We used a caged fish study as a method to compare the potential non-target toxicity from an operational BEE treatment program with a sodium salt treatment. Cages with fish were placed in the lake 24 hours prior to treatment. All cages were checked immediately before each treatment, following treatment at 4 hours, 24 hours, and daily after that for a period of 7 days following treatment. During the two study years, we tested 3 species of fish. We found similar results and a similar mortality pattern with all three species. The BEE treatment sites did not produce significant mortality compared to the untreated reference sites. Sodium salt formulation treatment sites produced significant mortality in all three species of caged fish. This mortality occurred at the time when 2,4-D concentrations peaked in these sites. Our study suggests that the BEE formulation may not produce toxic conditions in treated lakes as would be predicted from laboratory based toxicity studies. The sodium salt formulation toxicity is troubling and requires further investigation. Additional research is planned.

# Natural Spawning and Population Response by Brook Trout in Adirondack Lakes with Outlet Barriers 

Daniel Josephson ${ }^{1}$, Clifford Kraft ${ }^{1}$, Charles Krueger ${ }^{2}$, and Stephen Sebestyen ${ }^{3}$.<br>${ }^{1}$ Adirondack Fishery Research Program, Department of Natural Resources, Cornell University, Ithaca, New York, 14853.; ${ }^{2}$ Great Lakes Fishery Commission, Ann Arbor, Michigan 48105-1563; ${ }^{3}$ State University of New York College of Environmental Science \& Forestry, Syracuse, NY 13210-2788

An unexpected outcome of outlet barrier experiments to prevent emigration by adult brook trout was that natural spawning occurred within two Adirondack lakes. Outlet barriers forced an interaction between stocked brook trout and existing spawning habitat. The apparent proximate cues for spawning site selection were discharge and interstitial water temperature. Brook trout selected areas influenced by upwelling groundwater with low discharge rates ( $0.4-16.2 \mathrm{~cm} / \mathrm{sec} \times 10^{3}$ ) and similar interstitial water temperatures $\left(7.5-7.9^{\circ} \mathrm{C}\right)$. The differential wild population response observed in the lakes was related to spawning habitat quality. Large significant increases ( 48 -fold) in trap-net catches of wild fish occurred in Rock Lake while large significant decreases (3.7-fold) occurred in Lower Sylvan Pond. High quality spawning habitat (mean $\mathrm{pH} 6.93-7.29$ ) occurred at three shoal spawning areas in Rock Lake. Poor quality spawning habitat (mean pH 4.9 ) occurred at one shoal spawning area in Lower Sylvan Pond. The low pHs in Lower Sylvan Pond redds were at lethal levels for brook trout eggs and fry. The absence of brook trout spawning in the pre-barrier period may have been due to a lack of physical (e.g., silted groundwater sites) and / or chemical cues.
${ }^{1}$ Author and presenter. Phone: 315-369-6781; E-mail: dcj3@cornell.edu

## Diplostomum in Pond Reared Walleye: A Case Study.

Cheryl.R.Sangster, Amanda Matthew, Alistair D.M. Dove, Stephanie Grimmett, Paul R. Bowser.
Aquatic Animal Health Program, Department of Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, NY. 14853-6401

A marked increase in the incidence of blindness in young of the year walleye (Sander vitreus formerly Stizostedion vitreum) caused by eye fluke (Diplostomum spp) was noted at the New York State Department of Conservation (NYSDEC) South Otselic State Hatchery during the summers of 2000 and 2001 prompting a study of the prevalence of this parasite in both walleye and its other intermediate host: local water snails (Stagnicola spp.)
It was hypothesized that changes in pond use at the hatchery had attracted fish eating birds (definitive hosts for the parasite) which introduced large numbers of Diplostomum into the pond system. The ponds had been used to overwinter rainbow trout. Previously, the ponds did not contain fish at any time other than the period of April to July, when they were used for walleye culture.
The objectives of this study were to determine the prevalence of Diplostomum metacercariae in walleye, the prevalence of cercaria in the snails, and to complete an infection trial to better identify the Diplostomum spp involved.

)








Towpath Rd
7000 Cleary Rd
 99 peoy tuun ןoxuoう əseəs!d




 LLL PY SAN SL9ZZ







| (607) 533-8801 | (607) 533-8804 |  |
| :---: | :---: | :---: |
| (212) 264-2122 | (212) 264-4060 | leonard.houston@usace.army.mil |
| (315) 470-4819 | (631) 727-7130 | fishguy2000at@yahoo.com |
| (518) 457-9435 | (518) 485-5827 | sshurst@gw.dec.state.ny.us |
| 860-424-3474 |  | william.hyatt@po.state.ct.us |
| (315) 633-9243 | (315) 633-2358 | bji4@cornell.edu |
| (315) 633-9243 | (315) 633-2358 | jrj26@cornell.edu |
| (914) 798-2740 |  | bhjensen@mail.upenn.edu |
| (607) 533-8801 | (607) 533-8804 |  |
| (585) 968-2650 | (716) 968-1995 | scott.jordan@crcs.wnyric.org |
| (315) 369-6781 | (315) 369-6761 | dcj3@cornell.edu |
| (914) 256-3072 | (914) 255-4659 | awkahnle@gw.dec.state.ny.us |
| (607) 652-3143 | (607) 652-3143 | kelcon@dmcom.net |
| (607) 753-9391 | (607) 753-0259 | george_ketola@usgs.gov |
| (607) 563-3725 |  |  |
| (607) 255-2822 | (607) 255-0349 | bak3@cornell.edu |
| (607) 253-4014 |  | rek26@cornell.edu |
| (732) 321-6695 | (908) 321-6616 | kurtenbach.james@epa.gov |
| (212) 264-2230 | (212) 264-6040 | robert.j.kurtz@usace.army.mil |
| (212) 683-8660 |  |  |
|  |  | rlange1@nycap.rr.com |
| 315-387-5512 |  |  |
| (607) 898-9809 |  | jm178@cornell.edu |
| (315) 470-6740 | (315) 470-6934 | klimburg@esf.edu |
| (802) 656-0684 | (802) 656-8683 | ellen.marsden@uvm.edu |
| (716) 945-6422 |  | amm76@usadatanet.net |
|  | 518.891 .9475 | 518.891.6974 |
| (914) 735-8300 | (914) 735-7466 | smetzger@Imseng.com |
| (607) 652-7366 | (607) 652-2342 |  |
| (303) 236-7862 | (303) 236-8163 | morgan_elmer@fws.gov |
| (315) 785-2262 | (315) 785-2242 | rdmccull@ gw.dec.state.ny.us |
| (607) 753-9391 | (607) 753-0259 | dmcdonald@usgs.gov |
| (631) 444-0454 | (631) 444-0434 | kamckown@gw.dec.state.ny.us |
| 716-631-1293 |  | jmclaren@entrix.com |
| (716) 851-7200 |  |  |








## New York Chapter American Fisheries Society - Newsletter <br> May 2004

|  |  |
| :--- | :--- |
| New York Chapter Officers  <br> 2004-2005 William Gordon <br> President: James McKenna <br> President-elect: Webster Pearsall <br> Past President: John Homa, Jr. <br> Secretary-Treasurer: Scott Jones <br> Sec/Treas-elect  <br>   |  |


| PUBLICATION STATEMENT |  |
| :---: | :---: |
| Title: | New York Chapter American Fisheries Society Newsletter |
| Issue Date: | May 2004 |
| Frequency: | The NYCAFS Newsletter is published three times annually: March-April (Spring Edition), July-August (Summer Edition), and NovemberDecember (Winter Edition) |
| Newsletter | Leslie Surprenant |
| Editor: | NYSDEC 21 So Putt Cor Rd New Paltz, NY 12561 (845) 256-3070 |



President, William Gordon
whgordon@gw.dec.state.ny.us
Past President, Web Pearsall
wepearsa@gw.dec.state.ny.us
President-elect, Jim McKenna
Jim_mckenna@mckenna@usgs.gov
Secretary-Treasurer, John Homa
NYCAFS Homa@aol.com
Secretary-Treasurer-elect, Scott Jones
Scott.Jones@kleinschmidtUSA.com
Newsletter Editors, Leslie Surprenant
lisurpre@.gw.dec.state.ny.us
Allen Peterson
ampeterson@nyseg.com
Website, William Snyder
snyderw@morrisville.edu
Student Sub-Unit, Mark Arrigo marrigo@ecologicllc.com

Professional Incentives, Web Pearsall wepearsa@gw.dec.state.ny.us

Resolutions/Envir. Concerns, Randy Vaas navypap@tweny.rr.com

Native American Affairs, Dick McDonald dmcdonald@usgs.gov

Professional Diversity, Web Pearsall wepearsa@gw.dec.state.ny.us

Youth Aquatic Education, Cara Ewell-
Hodkin Cara Ewell-Hodkin@fws.gov
Dawn Dittman ddittman@usgs.gov
Workshop, Dick McDonald dmcdonald@usgs.gov

Membership, Fred Henson fghenson@gw.dec.state.ny.us

Nominating, Web Pearsall
wepearsa@.gw.dec.state.ny.us
Audit/Finance, Mark Arrigo marrigo@ecologicllc.com

Program, Emily Zollweg
Emily Zollweg@fws.gov
Mark Malcoff
mark.malchoff@.plattsburgh.edu
Annual Meeting, Scott Jones
Scott.Jones@kleinschmidtUSA.com

## AFS - New York Chapter Newsletter -- May 2004

## Editors' Note

The annual meeting, themed "Emerging Fishery Management Challenges: Proactive Approaches for Aquatic Nuisance Species and Fish Diseases," held February $4-6,2004$ in Corning was excellent and very well attended. Thanks go to Scott Jones, Emily Zollweg, Bill Gordon, and others for their efforts.

Bill Gordon assumed presidency for 2004 and we look forward to working with him in serving the needs of Chapter members.

Leslie Surprenant
Allen Peterson
Co-editors

## President's Corner

Serving this year as your president is a privilege I do not take lightly. I plan to direct the chapter' s business and activities so as to further the mission of the American fisheries society, which is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals. To achieve this, my vision for the NY Chapter AFS in 2004 includes:

- Development and successful promotion for our next annual meeting - 2005. It is no secret that this consumes much of our chapter leadership's time on an annual basis. Much effort goes into planning for the program, local arrangements and, of course, the annual business meeting itself. Past experience has shown that the degree of participation in the annual meeting is directly related to the chapter's membership levels and ability to further our society's mission. To that end, I am very happy to report that the 2004 meeting was a big success, with 116 registered attendees. The goal for 2005 is to break 125.
- Development and successful promotion of a workshop. Hosting a workshop is an important function of the chapter's role in developing its
members professionally. This year we hope to offer a workshop entitled: georeferencing your biological data: an introduction to the use of GIS for the fisheries professional. If there is enough interest, this workshop may be offered more than once, at different locations.
- Promoting diversity and student development within the chapter. Largely this means continuing efforts to expand cultural, racial and gender diversity and student involvement in the chapter. To that end, I am happy to report that 25 of the 116 who registered at the annual meeting were students, representing 8 different colleges. I:am also happy to report that, to the best of my knowledge, there was a higher than usual percentage of female paper/poster contributions to the meeting program than usual. Hopefully, this reflects a changing trend.
- Recognizing achievement in the field of fishery and aquatic ecology and research through promotion and use of our chapter's honorary member and professional achievement awards, and the new, conservation award.
- Keeping current on environmental issues that relate to fisheries, in the world of legislation and policy development, looking for opportunity for the chapter to get involved with new ideas for environmental policy and management.
- Looking ahead to the AFS 2006 annual meeting to be held in Lake Placid NY. The chapter and NYSDEC bureau of fisheries will be working together to plan for this big event. An ad hoc chapter committee will be formed to address chapter participation in this process.

There are still chapter committees needing

## AFS - New York Chapter Newsletter -- May 2004

chairpersons, and of course getting involved as a member of a committee is always an option. If you are interested, please let me know.

Looking ahead to this year's successes, I thank you again for electing me as your president.

Bill Gordon
President - NYS Chapter American Fisheries Society

## Chapter News

## Website

Bill Snyder reports that our Chapter website is now operational. Check it out at www.newyorkafs.org It's still a work in progress and Bill continues to fill in details and clean up the site. Please report any problems you encounter with the site as we work through the development phase. This newsletter will be posted on the website. If you are interested in receiving your newsletters electronically, please contact Bill at bsnyderw@morrisville.edu. Electronic distribution could save the chapter hundreds of dollars in postage and many hours of copying, stuffing, and mailing each year!

## Annual meeting minutes and treasurer's report

Attached to this newsletter

## Workshop

GIS WORKSHOP - to be held Fall 04 or Spring 05. Location is to be determined. Minimum 20 participants needed to proceed. If you are interested, please contact Dick McDonald at dmcdonald@usgs.gov asap.

## EXCOMM VOTES TO EXTEND FREE CD AND BOOK OFFER

NYCAFS is making an effort to increase and maintain membership in the Society. If you know of someone who may benefit by membership in the Society, please invite him or her to join.

The first 50 new $^{1} 2004$ members in the Chapter will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species.

In addition, the first 20 members of the Chapter who become a new ${ }^{1}$ member in the parent organization the American Fisheries Society in 2004 will receive a free copy of the Guidelines for the Use of Fishes in Research.

John Homa, Jr., Sec./Treas.
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
C/O IA Inc., 50 Ludlowville Rd., Lansing, NY 14882
Phone: 607-533-8801; Fax: 607-533-8804
Email: NYCAFS homa@aol.com

## Student Subunit

Professor Contacts needed! We are trying to identify colleges with aquatic environmental programs (and permanent contacts there) throughout New York and the northeast. We would like to identify

[^0]
## AFS - New York Chapter Newsletter -- May 2004

one or two key professors from these colleges to serve as contacts to the students. The student subunit would benefit by having a more permanent person at each college to keep students up-to-date on activities within the Chapter. Please forward any college/contact information you might have to Mark Arrigo at marrigo@ecologicllc.com. Thanks for your help!

## National AFS News

## New Releases from AFS

The Development of Form and Function in Fishes and the
Question of Larval Adaptation
John Jeffrey Govoni, editor
198 pages
Publication date: March 2004
Stock \#540.40

- List Price: $\$ 60.00$
- Member Price: $\mathbf{\$ 4 2 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x54040.shtml

Early Life History of Fishes in the San Francisco Estuary and

## Watershed

Frederick Feyrer, Larry R. Brown, Randall L. Brown, and James J. Orsi, editors
296 pages
Stock \#540.39

- List Price: $\$ 60.00$
- Member Price: $\$ 42.00$

To order, go to:
www.fisheries.org/html/publications/catbooks/x54039.shtml

## Geographic Information Systems in Fisheries

William L. Fisher and Frank J. Rahel, editors

## 276 pages, hardbound

Publication date: February 2004
Stock \#550.41C

- List Price: $\$ 69.00$
- Member Price: $\mathbf{\$ 4 8 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x550
41.shtml

The Ecology and Management of Wood in World
Rivers
Stan V. Gregory, Kathryn L. Boyer, and Angela M.
Gurnell, editors
444 pages
Stock \#540.37

- List Price: $\$ 75.00$
- Member Price: $\mathbf{\$ 5 3 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x540 37.shtml

Proceedings of the Third World Fisheries Congress:
Feeding the World with Fish in the Next
Millennium - The Balance between Production and
Environment
Bruce Phillips, Bernard A. Megrey, and Yingqi
Zhou, editors
766 pages
Stock \#540.38

- List Price: $\$ 75.00$
- Member Price: $\mathbf{\$ 5 3 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x 540 37.shtml

Geographic Information Systems in Fisheries
William L. Fisher and Frank J. Rahel, editors
275 pages
Stock number: 550.41

- List price: $\$ 69.00$
- Member price: $\$ 48.00$

Guidelines for the Use of Fishes in Research
Uses of Fishes in Research Committee 53-pages

- Price: $\$ 7.00$

The document is available at:
www.fisheries.org/html/Public_Affairs/Sound Scie nce/Guidelines2004.shtml

Electrofishing and It's Harmful Effects on Fish A final report entitled "Electrofishing and It's Harmful Effects on Fish" by AFS National Director Gus Rassam to U.S. Bureau of Reclamation. Copies can be viewed or downloaded from the USGS

## AFS - New York Chapter Newsletter -- May 2004

Biological Resources Division--Fort Collins, CO publications website at:
http://www.fort.usgs.gov/products/Publications/21226/21226. asp

Printed copies may be requested by writing:
U.S. Bureau of Reclamation

Upper Colorado Regional Office
Attn: Tonita Loveday
Salt Lake City, Utah 84138
or by contacting Ms Loveday at: tlovedav(ituc.usbr.gov or (801) 524-3637

What's new at AFS? Read all about it at http://www.fisheries.org/WhatsNew.shtml

The AFS Online Bookstore is a valuable resource for all fisheries and aquaculture related books: http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi

AFS Job Center Online (and other employment resources):
http://www.fisheries.org/jobs.shtmi
Renew your AFS Membership online at http://www.fisheries.org/forms.shtml

Don't forget to browse featured articles from the latest issue of
FISHERIES magazine at:
http://www.fisheries.org/fisheries/fishery.shtml

## Recent Theses and Reports

None submitted for this newsletter. If you have a recent thesis or report, please submit an abstract for the Fall 04 newsletter by e-mail to editors Allen Peterson at ampeterson@nyseg.com or Leslie Surprenant at ljsurpre@gw.dec.state.ny.us

[^1]Wild Trout VIII Symposium<br>"Working Together to Ensure the Future of Wild Trout"<br>September 20-22, 2004<br>Yellowstone National Park, Old Faithful Inn

- 


## GIS Intro for Conservation Professionals

The Conservation Management Institute (http://www.cmiweb.org) and the
National Conservation Training Center of the US Fish and Wildlife Service (http://training.fws.gov/ ) are pleased to offer their "GIS Introduction for Conservation Professionals" on-site to state fish and wildlife agencies. This course is normally offered in Shepherdstown West Virginia primarily to US Fish and Wildlife Service staff. This new initiative allows us to deliver the NCTC course at a location convenient to the state fish and wildlife agency that purchases the course such as the state agency headquarters or other central location. The course has been customized for applicability to state fish and wildlife agency personnel. $\$ 525 /$ person for a three day ( 24 training hours total) course. College credit:
1 semester hour. To learn more about the course please contact:

## Andrew Rosenberger

Conservation Management Institute
540231-7348
anrosenb@vt.edu
You may also view information about the course on the NCTC web site:
https://otis.fws.gov/Index.cfm?empcode=G UEST23834\&CFID $=28883 \&$ CFTOKEN $=8$ 141616

20th Annual International Conference on

## AFS - New York Chapter Newsletter -- May 2004

Soils, Sediments, and Water
October 18-21, 2004
University of Massachusetts at Amherst
More information at www.UMassSoils.com

Jobs

## Fisheries biologist - St. Croix Smallmouth Bass and Alewife Study

Maine Rivers, a not-for-profit charitable corporation is seeking a Fisheries Biologist for smallmouth bass and alewife studies within the lower reaches of the St. Croix watershed, from September 2004 to August 2005.

DUTIES: Reporting to the Executive Director of Maine Rivers, consolidation and statistical evaluation of existing data on smallmouth bass populations and growth rates as well as the planning, coordination and implementation of a study of alewives and smallmouth bass in the St. Croix River watershed. This position will initially be for a one year term for the fieldwork and data gathering; salary to be negotiated for subsequent production of the report.

RESPONSIBILITIES include: 1) planning, scheduling, and conducting field research and data mining; 2) statistical data analysis using Statistical Analysis Software (SAS); 3) development and implementation of fish population surveys based on the best available technologies; 4) statistical analysis of freshwater fish population and agegrowth data; 5) review and compilation of published and unpublished research findings on interactions between alewives and smallmouth bass; and 6) preparation of a scientific report within 6 months of the conclusion of field research and data gathering, which summarizes the study, including the status of fisheries resources, along with recommendations for future research and monitoring needs.

QUALIFICATIONS: Bachelor's degree or higher
in Biology, Wildlife Management, Resource Management or related field from an accredited institution, strong knowledge of statistical analysis procedures especially SAS software and minimum three years experience in freshwater fisheries. Field research, including electrofishing, with experience in smallmouth bass and/or alewife studies preferred. Travel and work some evenings and weekends. Excellent management, organization, leadership, team work, problem solving, written and oral communication, interpersonal and supervisory skills, and experience in writing technical fisheries articles. Candidates must be able to legally travel between the U.S. and Canada.

Résumés should be in chronological order specifying education and employment in months and years including part-time and full-time employment with a minimum of three references having good knowledge of candidate's abilities in required skills.

SALARY RANGE: $\$ 25,000-\$ 35,000$

Send applications stating competition title FISHERIES BIOLOGIST to Biologist Search, Maine Rivers, 3 Wade Street, Augusta, Maine 04330-6351 or e-mail mainerivers@nrcm.org

Open until filled.

## Miscellareous

International Joint Commission (IJC) schedules public meetings to seek input for assessment and evaluation of criteria used for regulating water levels in Lake Ontario and St. Lawrence River
The Lake Ontario - St. Lawrence River Study Board is undertaking a comprehensive five-year study for the International Joint Commission

## AFS - New York Chapter Newsletter -- May 2004

(IJC) to assess and evaluate the current criteria used for regulating water levels on Lake Ontario and in the St. Lawrence River. The study team engaged by the IJC is a bi-national group of diverse experts from government, academia, native communities, and interest groups representing the geographical, scientific and community concerns of the Lake Ontario - St. Lawrence River system and is committed to involving the public throughout the study. Tentative meeting dates* for presenting information on the study and gathering public input are:

Massena August 12, 2004
Alexandria Bay August 18, 2004
Sackets Harbor August 19, 2004

- Oswego September 1,2004

Sodus Bay September 2, 2004
Greece September 15, 2004
Olcott September 17, 2004
*Meetings will held in Canada on the same dates. To confirm dates and locations, check www.losl.org

## Atlantic Salmon caught in tributary to Hudson River Estuary

A surprised angler caught a domestic broodstock salmon in April in the tidal section of Rondout Creek in Ulster County. The fish was a 27.75 in, 7 lb female, which had evidently escaped from a hatchery along the Naugatuck River in Connecticut. The Naugatuck River is tributary to the Housatonic River; the mouth of which is approximately 50 miles from the mouth of the Hudson. Rondout Creek is a tributary entering the Hudson River 91 miles upstream from the mouth. This is the only salmon taken in the Hudson River Estuary in DEC records and in the collective memories of DEC Region 3 biologists.


Atlantic Salmon from Rondout Creek

[^2]Striped bass in the Chesapeake Bay are carrying Mycobacterium marinum, a bacterium that can cause "fish handler's disease." Medical doctors in Maryland have seen an increase in this condition among patients. MD state fisheries biologists estimate the bacteria has spread to 50 percent of striped bass in some areas of the bay while the Virginia Institute of Marine Science estimates 76 percent of stripers throughout Chesapeake Bay are infected. Information available on the Virginia Institute of Marine Science website at: www.vims.edu/myco

## Canada moves to protect American eel

The Canadian Ministry of Natural Resources (MNR) announced in early April that it is acting to protect the vanishing American eel by banning commercial eel fishing and proposing to eliminate sport eel fishing in Lake Ontario and the upper St. Lawrence. According to MNR, Ontario commercial eel harvests peaked at more than 500,000 pounds in 1978 but by 2003 had dropped to less than 30,000 pounds as eel numbers declined. The Ministry of Natural Resources is also working with other jurisdictions to encourage eel restoration throughout its range.

## State Wildlife Grants Program

New York's State Wildlife Grants Program is a program that identifies "species of greatest conservation need" and develops programs to help restore their populations. It is an on-going NYS program funded by federal money and is the most significant source of funding available to help restore our rare species. To date, New York has received nearly 9.5 million dollars and anticipates receiving around 3.0 million annually.

Doug Carison is coordinating the freshwater fish component of the program for DEC and suckers and Dr. Robert Werner is serving on the Partners' committee representing the NY Chapter of the American Fisheries Society. One of the tasks of the Partners' committee is to use the expertise within member organizations to identify "species of greatest conservation need" and help develop management strategies to restore their populations. Many of you have had experience with species identified so far and could help in this large and important task.

If you are willing to share information Doug or Bob, please contact one of them. You will receive a list of the fishes of interest by contacting them or may view it on the DEC web at: http://www.dec.state.ny.us/website/dfwmr/wildlife/wild div/swg/animallist.html\#fish. We must have your input by early July for use in the draft plan, which is to be completed by September. We are also interested in locating anyone who would be willing to drafts of the plan. Please contact us if you are willing to work to restore our rich natural heritage.

State Wildlife Grants Program - cont.
Doug Carlson
dmcarlso@gw.dec.state.ny.us
Bob Werner
rgwerner@adelphia.net
2130 Lakeview Lane
Skaneateles, NY 13152

## Agencies face unprecedented challenges in managing nation's natural resources

Government agencies charged with managing and

Protecting natural resources are facing a crisis. Major changes in the federal workforce in the nearterm will deprive agencies of significant numbers of senior scientists and managers. Demographic changes, shifting national priorities, and decades of under funding are diminishing government's role in natural resources management and science. A consortium of leading professional and scientific societies has released a report entitled "Federal Natural Resources Agencies Confront an Aging Workforce and Challenges to Their Future Roles". Free copies of the report and conference PowerPoint presentations are available at:
http://www.rnrf.org

## NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY <br> ANNUAL BUSINESS MEETING, RADISSON HOTEL, CORNING, NY FEBRUARY 5, 2004

Welcome: Web Pearsail opened the 2004 Annual Business Meeting of the New York Chapter American Fisheries Society and welcomed all chapter members.

Last Call for Ballots: The last call for voting ballots was made by Margaret Murphy and elections were closed so the ballots could be tabulated. J. Homa indicated that a quorum was present (Sign-in sheet indicated 48 individuals present).

Minutes: Copies of the minutes from the 2003 Annual Business Meeting (held at the Canandaigua Inn, Canandaigua, New York on January 9, 2003, and as accepted by the EXCOMM on March 25, 2003) as published in the NYCAFS April, 2003 Newsletter were circulated for Chapter review. A motion was made by Margaret Murphy and seconded by Doug Stang. A vote to accept the 2003 Annual Business Meeting minutes as published without revisions was unanimously approved.

Treasurers Report: The year-end financial statement for 2002 and proposed 2003 budget were published in the NYCAFS Spring 2003 Newsletter. John Homa indicated that the NYCAFS started with a net worth of $\$ 30,270.51$, had total receipts of $\$ 10$, 201.18, and had total expenses of $\$ 12,324.20$, and ended the year with a net worth of $\$ 28,147.49$. The Chapters net worth decreased by $\$ 2,123.02$. Chapter rebates continue to be used by the Chapter, interest rates and income from interest has leveled out. A detailed treasurer's report is attached,

## AFS - New York Chapter Newsletter -- May 2004

including a graph of the net worth of the Chapter from 1989 through 2003. The net worth of the Chapter has increased over the 15 year period but, considering inflation, the net worth of the Chapter continues to remain approximately the same since 1989.

Presidents Report: Web Pearsall delivered thanks to the EXCOMM and the general membership. He also thanked the Parent Society and the Northeast Division for their representation. Web spoke briefly about some key topics for the upcoming year which included the reorganization of the NED schedule, an EXCOMM officers handbook, student participation and the need for insurance. Web highlighted the following topics for the past year of his service, student participation is on the rise and should continue to be a great networking tool for students. Web thanked the NYSDEC and specifically Doug Stang for co-sponsoring the 2006 National Meeting. Web also discussed challenges that arose during 2003 and that will likely continue into 2004 including the liability insurance issue that is directly related to conducting annual workshops and events.

Parent Society: Barb Knuth from the Parent Society presented an update of parent society news and activities.

Northeast Division: Ron Essig of the Northeast Division presented an update of parent society news and activities.

AFS 2004 - Phil Moy gave a brief update regarding the 2004 National Meeting and Conference in Wisconsin.

AFS 2006-Ed Woltmann presented a brief update regarding the 2006 National Meeting and Conference in Lake Placid, New York.

## Committee Reports:

Annual Meeting: Arrangements and program for the 2005 Annual Meeting will be discussed at the first EXCOMM meeting of 2004.

Audit Report: A review of the Treasurer's information and books was completed by Mark Arrigo. All monies and accounts were found to be in order.

Website: Bill Snyder presented the website in its current form. Although it still needs some work, once up and running it will save time and create a location where chapter members can keep up with chapter business.

Newsletter: Allen Petersen and Leslie Surprenant will continue to co-edit the newsletter which has been very successful this year.

Student Sub-unit: Little activity this year, however several colleges have been inquiring. Follow-up will continue to be
strong during 2004.
Professional Incentives: The NYC is adding a new Conservationist Award. See our website or contact Web Pearsall for details.

Workshop: The GIS workshop will likely take place this year (2004), locations are being solicited from public universities and agency locations.

Membership: Membership will continue to be strongly solicited during 2004.

Election Results: President Elect - Jim McKenna, Secretary/Treasurer Elect - Scott Jones

New President: Bill Gordon took his place as Chapter President for 2004 and spoke briefly about chapter plans for the upcoming year including the need to concentrate on focus areas including the need for committee chairs (Local Arrangements, Student Sub-Unit, and Professional Incentives).

2004 Budget Proposal: Bill Gordon's 2004 budget was presented to the general membership. A motion was made by Web Pearsall and seconded by Bill Snyder. A vote to accept the budget was unanimously approved.

The following awards were distributed prior to the close of the meetng:

Best Poster Presentation: Jim Johnson \& Steve Lapan - "The creation of artificial spawning habitat for lake sturgeon in the St. Lawrence River: opportunities, constraints and site longevity"

Best Professional Paper: Dick McDonald -
"Attributing the NHD with Channel Specific
Information: GAP Analysis Techniques"
Best Student Paper: Aaron Bosworth - "Genetic Population Structure Among Spawning Aggregations of Northern Pike in the Saint Lawrence Using Microsatellite Markers"

A motion was made by Randy Vaas to adjourn and seconded by Web Pearsall. A vote to accept adjournment was unanimously approved.

ATTACHMENTS: 2003 Annual Treasurer's
Report, 2004 Budget

# New York Chapter - American Fisheries Society 

| 2004 Budget |  |
| :---: | :---: |
| Project Revenues |  |
| 2005 Annual Meeting | \$6,000.00 |
| Membership Dues | \$2,250.00 |
| Interest | \$250.00 |
| Raffle | \$500.00 |
| 2004 Workshop | \$3,000.00 |
|  | Total Revenues \$12,000.00 |
| Projected Expenses |  |
| 2005 Annual Meeting | \$6,000.00 |
| Office Supplies | \$100.00 |
| Postage | \$500.00 |
| Newsletter/Membership List | \$700.00 |
| Workshop | \$1,800.00 |
| Donations | \$500.00 |
| Awards for Best Papers | \$300.00 |
| Student Travel Award for NED or Parent Meeting | \$250.00 |
| Web Page | \$500.00 |
| Raffle | \$200.00 |
| NED AFS Meeting - Travel/Expense | \$400.00 |
| AFS Parent Meeting - Travel/Expense | \$750.00 |
|  | Total Expenses 12,000.00 |



## QUARTLY BALANCE ALL ACCOUNTS

Balance as of January 01, $2002 \$ 30,270.51$

|  | = = |  |  |  | 6/30/2003 |  | 9/30/2003 | 12/31/2003 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12/31/2002 |  | 3/31/2003 |  |  |  |  |  |  |
| Checking statement | \$ 2,065.54 | \$ | 196.17 | \$ | 720.51 | \$ | 382.85 |  | 1,454.88 |
| - unstanding checks | \$ | \$ | 52.29 | \$ | 100.00 | \$ | 68.59 | \$ | 834.06 |
| +outstanding deposits | \$ |  |  |  |  |  |  |  |  |
| Checking balance | \$ 2,065.54 | \$ | 143.88 | \$ | 620.51 | \$ | 314.26 | \$ | 620.82 |
| Savings | \$ 7,496.45 | \$ | 7,517.55 | \$ | 7,534.87 | \$ | 7,544.46 |  | 6,352.57 |
| rate | 1.24\% |  | 1.06\% |  | 0.79\% |  | 0.51\% |  | 0.51\% |
| CD 33605554 mo | \$ 6,426.60 | \$ | 6,466.01 | \$ | 6,494.66 | \$ | 6,519.64 | \$ | 6,519.64 |
| rate | 1.83\% |  | 1.35\% |  | 1.14\% |  | 0.90\% |  | 0.90\% |
| CD 339006316 mo | \$ 6,368.51 | \$ | 6,601.92 | \$ | 6,601.92 | \$ | 6,627.10 | \$ | 6,647.30 |
| rate | 2.71\% |  | 1.14\% |  | 1.14\% |  | 0.90\% |  | 1.01\% |
| CD 33966064 mo | \$ 3,995.43 | \$ | 4,019.93 | \$ | 4,037.74 | \$ | 4,053.27 | \$ | 4,053.27 |
| rate | 1.83\% |  | 1.35\% |  | 1.14\% |  | 1.01\% |  | 1.01\% |
| CD 33965921 mo | \$ 3,917.98 | \$ | 3,927.03 | \$ | 3,937.38 | \$ | 3,946.06 | \$ | 3,953.89 |
| rate | 1.39\% |  | 1.00\% |  | 1.00\% |  | 0.75\% |  | 0.75\% |



| Balance as of January 01, 2003 |  |  |  |  | \$ 30,270.51 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beginning Balance (all accounts) | \$30,270.51 | \$28,676.32 | \$29,227.08 | \$29,004.79 |  |  |
|  |  |  |  |  |  |  |
| RECEIPTS | 3/31/2003 | 6/30/2003 | 9/30/2003 | 12/31/2003 | YEAR TO DATE | BUDGET |
| Membership | \$355.00 | \$1,157.88 | \$55.00 | \$1,145.60 | \$2,713.48 | \$ 2,250.00 |
| 2003 Annual Meeting | \$5,440.00 | \$530.00 | \$0.00 | \$0.00 | \$5,970.00 | \$ 5,000.00 |
| Raffle | \$966.00 | \$0.00 | \$0.00 | \$0.00 | \$966.00 | \$ 350.00 |
| 2003 Workshop | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 3,000.00 |
| Misc. Workshop | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
| Interest | \$327.47 | \$74.13 | \$83.96 | \$36.14 | \$521.70 | \$ 250.00 |
| Other (NY Fishes) | \$0.00 | \$30.00 | \$0.00 | \$0.00 | \$30.00 |  |
| Misc(**********) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ |
|  |  | $=$ | $=$ | = | $=\quad 10$ |  |
| TOTAL RECEIPTS | \$7,088.47 | \$1,792.01 | \$138.96 | \$1,181.74 | \$10,201.18 | \$ 10,850.00 |
|  |  | - |  | - - |  |  |
| EXPENDITURES |  |  |  |  |  |  |
| 2003 Annual Meeting | \$8,154.82 | \$310.06 | \$0.00 | \$0.00 | \$8,464.88 | \$ 5,000.00 |
| 2003 Work Shop | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 2,000.00 |
| Misc. Workshop(Picnic) | \$0.00 | \$0.00 | \$128.59 | \$0.00 | \$128.59 | \$ |
| Website | \$0.00 | \$40.25 | \$0.00 | \$0.00 | \$40.25 | \$ 500.00 |
| Newsletter/Membership Lists | \$0.00 | \$0.00 | \$0.00 | \$453.50 | \$453.50 | \$ 700.00 |
| Postage | \$16.37 | \$47.85 | \$200.66 | \$219.84 | \$484.72 | \$ 500.00 |
| Office Supplies | \$33.74 | \$0.00 | \$0.00 | \$0.00 | \$33.74 | \$ 100.00 |
| Raffle | \$107.73 | \$0.00 | \$32.00 | \$12.00 | \$151.73 | \$ 150.00 |
| Stipens/Best papers/poster/travel | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$ 550.00 |
| NED Officer Meeting Expense | \$0.00 | \$665.09 | \$0.00 | \$380.56 | \$1,045.65 | \$ 400.00 |
| AFS National Meeting Expense | \$0.00 | \$0.00 | \$0.00 | \$973.14 | \$973.14 | \$ 750.00 |
| Donations | \$370.00 | \$100.00 | \$0.00 | \$0.00 | \$470.00 | \$ 200.00 |
| Award Plaques: | \$0.00 | \$78.00 | \$0.00 | \$0.00 | \$78.00 |  |
| Misc (bank fee) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |
| TOTAL EXPENDITURES | \$8,682.66 | \$1,241.25 | \$361.25 | \$2,039.04 | \$12,324.20 | \$ 10,850.00 |
|  | $=$ | $=$ | $=$ | $=$ | $=\quad$ |  |
| Ending Balance (all accounts) | \$28,676.32 | \$29,227.08 | \$29,004.79 | \$28,147.49 | (\$2,123.02) |  |
| NYCAFS2003/2003TREASREPT_forthQuarter20040130FINAL |  |  |  |  |  |  |

## Application for Membership

NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
[Note: Information provided will be used in the membership directory]


Would you be willing to receive all Chapter communications via email?
Are you a member of the American Fisheries Society (Parent Society)?

- Yes O No

Which of the following committees can depend on your service this next year?

| $\bigcirc$ | Environmental Concerns | $\bigcirc$ | Resolutions Committee | $\bigcirc$ | Newsletter Staff |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\bigcirc$ | Student Sub-unit | $\bigcirc$ | Native Peoples Fisheries | $\bigcirc$ | Membership Committee |
| $\bigcirc$ | Finance Committee | $\bigcirc$ | Professional Diversity | $\bigcirc$ | Nominating Committee |
| $\bigcirc$ | Program Committee | $\bigcirc$ | Professional Incentives | O | Workshop Committee |
|  | Youth Education |  |  |  |  |

Make checks payable to New York Chapter AFS. Send this form and your check to:
Mr. John Homa, Jr.
NYAFS Secretary/Treasurer
C/O Ichthyological Associates, Inc.
50 Ludlowville Road
Lansing, NY 14882, (607) 533-8801
Please note: The number 2001,2002, OR 2003, on your current mailing label denotes your status. For current voting eligibility, you should have 2004 on your mailing label. There will be a $\$ 20.00$ service charge for all checks returned due to insufficient funds.

O I need a receipt for membership in the New York Chapter of the American Fisheries Society

Name [Please type or print neatly before submitting form for processing]
O Professional Membership [\$10.00] O Student Membership [\$5.00]

Received by John Homa, Jr., Secretary/Treasurer NYCAFS

Date


New York Chapter American Fisheries Society - Newsletter May 2004

|  |  |
| :--- | :--- |
| New York Chapter Officers  <br> 2004-2005  <br> President: William Gordon <br> President-elect: James McKenna <br> Past President: Webster Pearsall <br> Secretary-Treasurer: John Homa, Jr. <br> Sec/Treas-elect Scott Jones <br>   <br>   |  |


| PUBLICATION STATEMENT |  |
| :---: | :---: |
| Title: | New York Chapter American Fisheries Society Newsletter |
| Issue Date: | May 2004 |
| Frequency: | The NYCAFS Newsletter is published three times annually: March-April (Spring Edition), July-August (Summer Edition), and NovemberDecember (Winter Edition) |
| Newsletter | Leslie Surprenant |
| Editor: | NYSDEC 21 So Putt Cor Rd <br> New Paltz, NY 12561 <br> (845) 256-3070 <br> 1jsurpre@gw.dec.state.ny.us |

# AFS - New York Chapter Newsletter -- May 2004 



President, William Gordon whgordon@.gw.dec.state.ny.us

Past President, Web Pearsall
wepearsa@gw.dec.state.ny.us
President-elect, Jim McKenna
Jim_mckenna@mckenna@usgs.gov
Secretary-Treasurer, John Homa
NYCAFS Homa@aol.com
Secretary-Treasurer-elect, Scott Jones
Scott.Jones@kleinschmidtUSA.com
Newsletter Editors, Leslie Surprenant
ljsurpre@gw.dec.state.ny.us
Allen Peterson
ampeterson@nyseg.com
Website, William Snyder
snyderw@morrisville.edu
Student Sub-Unit, Mark Arrigo marrigo@ecologicllc.com

Professional Incentives, Web Pearsall
wepearsa@gw.dec.state.ny.us

Resolutions/Envir. Concerns, Randy Vaas navypap@tweny.rr.com

Native American Affairs, Dick McDonald dmcdonald@usgs.gov

Professional Diversity, Web Pearsall wepearsa@gw.dec.state.ny.us

Youth Aquatic Education, Cara Ewell-
Hodkin Cara Ewell-Hodkin@fws.gov
Dawn Dittman ddittman@usgs.gov

Workshop, Dick McDonald dmcdonald@usgs.gov

Membership, Fred Henson fghenson@gw.dec.state.ny.us

Nominating, Web Pearsall wepearsa@gw.dec.state.ny.us

Audit/Finance, Mark Arrigo marrigo@ecologicllc.com

Program, Emily Zollweg Emily Zollweg@fws.gov

Mark Malcoff
mark.malchoff@plattsburgh.edu
Annual Meeting, Scott Jones
Scott.Jones@kleinschmidtUSA.com

## Editors' Note

The annual meeting, themed "Emerging Fishery Management Challenges: Proactive Approaches for Aquatic Nuisance Species and Fish Diseases," held February $4-6,2004$ in Corning was excellent and very well attended. Thanks go to Scott Jones, Emily Zollweg, Bill Gordon, and others for their efforts.

Bill Gordon assumed presidency for 2004 and we look forward to working with him in serving the needs of Chapter members.

Leslie Surprenant
Allen Peterson
Co-editors

## President's Corner

Serving this year as your president is a privilege I do not take lightly. I plan to direct the chapter' s business and activities so as to further the mission of the American fisheries society, which is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals. To achieve this, my vision for the NY Chapter AFS in 2004 includes:

- Development and successful promotion for our next annual meeting - 2005. It is no secret that this consumes much of our chapter leadership's time on an annual basis. Much effort goes into planning for the program, local arrangements and, of course, the annual business meeting itself. Past experience has shown that the degree of participation in the annual meeting is directly related to the chapter's membership levels and ability to further our society's mission. To that end, I am very happy to report that the 2004 meeting was a big success, with 116 registered attendees. The goal for 2005 is to break 125.
- Development and successful promotion of a workshop. Hosting a workshop is an important function of the chapter's role in developing its
members professionally. This year we hope to offer a workshop entitled: georeferencing your biological data: an introduction to the use of GIS for the fisheries professional. If there is enough interest, this workshop may be offered more than once, at different locations.
- Promoting diversity and student development within the chapter. Largely this means continuing efforts to expand cultural, racial and gender diversity and student involvement in the chapter. To that end, I am happy to report that 25 of the 116 who registered at the annual meeting were students, representing 8 different colleges. I am also happy to report that, to the best of my knowledge, there was a higher than usual percentage of female paper/poster contributions to the meeting program than usual. Hopefully, this reflects a changing trend.
- Recognizing achievement in the field of fishery and aquatic ecology and research through promotion and use of our chapter's honorary member and professional achievement awards, and the new, conservation award.
- Keeping current on environmental issues that relate to fisheries, in the world of legislation and policy development, looking for opportunity for the chapter to get involved with new ideas for environmental policy and management.
- Looking ahead to the AFS 2006 annual meeting to be held in Lake Placid NY. The chapter and NYSDEC bureau of fisheries will be working together to plan for this big event. An ad hoc chapter committee will be formed to address chapter participation in this process.

There are still chapter committees needing

## AFS - New York Chapter Newsletter -- May 2004

chairpersons, and of course getting involved as a member of a committee is always an option. If you are interested, please let me know.

Looking ahead to this year's successes, I thank you again for electing me as your president.

Bill Gordon
President - NYS Chapter American Fisheries Society

## Chapter News

## Website

Bill Snyder reports that our Chapter website is now operational. Check it out at www.newyorkafs.org It's still a work in progress and Bill continues to fill in details and clean up the site. Please report any problems you encounter with the site as we work through the development phase. This newsletter will be posted on the website. If you are interested in receiving your newsletters electronically, please contact Bill at bsnyderw@morrisville.edu. Electronic distribution could save the chapter hundreds of dollars in postage and many hours of copying, stuffing, and mailing each year!

## Annual meeting minutes and treasurer's report

Attached to this newsletter

## Workshop

GIS WORKSHOP - to be held Fall 04 or Spring 05. Location is to be determined. Minimum 20 participants needed to proceed. If you are interested, please contact Dick McDonald at dmedonald@usgs.gov asap.

## EXCOMM VOTES TO EXTEND FREE CD AND BOOK OFFER

NYCAFS is making an effort to increase and maintain membership in the Society. If you know of someone who may benefit by membership in the Society, please invite him or her to join.

The first 50 new $^{1} 2004$ members in the Chapter will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species.

In addition, the first 20 members of the Chapter who become a new ${ }^{1}$ member in the parent organization the American Fisheries Society in 2004 will receive a free copy of the Guidelines for the Use of Fishes in Research.

John Homa, Jr., Sec./Treas. NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
C/O IA Inc., 50 Ludlowville Rd., Lansing, NY 14882
Phone: 607-533-8801; Fax: 607-533-8804
Email: NYCAFS homa@aol.com

## Student Subunit

Professor Contacts needed! We are trying to identify colleges with aquatic environmental programs (and permanent contacts there) throughout New York and the northeast. We would like to identify

[^3]
## AFS - New York Chapter Newsletter -- May 2004

one or two key professors from these colleges to serve as contacts to the students. The student subunit would benefit by having a more permanent person at each college to keep students up-to-date on activities within the Chapter. Please forward any college/contact information you might have to Mark Arrigo at marrigo@ecologicllc.com. Thanks for your help!

## National AFS News

## New Releases from AFS

The Development of Form and Function in Fishes and the
Question of Larval Adaptation
John Jeffrey Govoni, editor
198 pages
Publication date: March 2004
Stock \#540.40

- List Price: $\$ 60.00$
- Member Price: $\$ 42.00$

To order, go to:
www.fisheries.org/html/publications/catbooks/x54040.shtml

## Early Life History of Fishes in the San Francisco Estuary and

 WatershedFrederick Feyrer, Larry R. Brown, Randall L. Brown, and James J. Orsi, editors
296 pages
Stock \#540.39

- List Price: $\$ 60.00$
- Member Price: \$42.00

To order, go to:
www.fisheries.org/html/publications/catbooks/x54039.shtml

## Geographic Information Systems in Fisheries

William L. Fisher and Frank J. Rahel, editors
276 pages, hardbound
Publication date: February 2004
Stock \#550.41C

- List Price: $\$ 69.00$
- Member Price: $\mathbf{\$ 4 8 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x550
41.shtml

The Ecology and Management of Wood in World Rivers
Stan V. Gregory, Kathryn L. Boyer, and Angela M.
Gurnell, editors
444 pages
Stock \#540.37

- List Price: $\$ 75.00$
- Member Price: $\mathbf{\$ 5 3 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x540 37.shtml

Proceedings of the Third World Fisheries Congress:
Feeding the World with Fish in the Next
Millennium - The Balance between Production and Environment
Bruce Phillips, Bernard A. Megrey, and Yingqi
Zhou, editors
766 pages
Stock \#540.38

- List Price: $\$ 75.00$
- Member Price: $\mathbf{\$ 5 3 . 0 0}$

To order, go to:
www.fisheries.org/html/publications/catbooks/x540 37.shtml

Geographic Information Systems in Fisheries
William L. Fisher and Frank J. Rahel, editors
275 pages
Stock number: 550.41

- List price: $\$ 69.00$
- Member price: $\$ 48.00$


## Guidelines for the Use of Fishes in Research

 Uses of Fishes in Research Committee 53-pages- Price: $\$ 7.00$

The document is available at:
www.fisheries.org/html/Public Affairs/Sound Scie nce/Guidelines2004.shtml

Electrofishing and It's Harmful Effects on Fish A final report entitled "Electrofishing and It's Harmful Effects on Fish" by AFS National Director Gus Rassam to U.S. Bureau of Reclamation. Copies can be viewed or downloaded from the USGS

## AFS - New York Chapter Newsletter -- May 2004

Biological Resources Division--Fort Collins, CO publications website at:
http://www.fort.usgs.gov/products/Publications/21226/21226. asp

Printed copies may be requested by writing:
U.S. Bureau of Reclamation

Upper Colorado Regional Office
Attn: Tonita Loveday
Salt Lake City, Utah 84138
or by contacting Ms Loveday at: tloveday@uc.usbr.gov or (801) 524-3637

What's new at AFS? Read all about it at http://www.fisheries.org/WhatsNew.shtml

The AFS Online Bookstore is a valuable resource for all fisheries and aquaculture related books: http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi

AFS Job Center Online (and other employment resources):
http://www.fisheries.org/jobs.shtml
Renew your AFS Membership online at http://www.fisheries.org/forms.shtml

Don't forget to browse featured articles from the latest issue of
FISHERIES magazine at:
http://www.fisheries.org/fisheries/fishery.shtml

## Recent Theses and Reports

None submitted for this newsletter. If you have a recent thesis or report, please submit an abstract for the Fall 04 newsletter by e-mail to editors Allen Peterson at ampeterson@nyseg.com or Leslie Surprenant at ljsurpre@gw.dec.state.ny.us

Wild Trout VIII Symposium<br>"Working Together to Ensure the Future of Wild Trout"<br>September 20-22, 2004<br>Yellowstone National Park, Old Faithful Inn

- 


## GIS Intro for Conservation Professionals

The Conservation Management Institute (http://www.cmiweb.org ) and the
National Conservation Training Center of the US Fish and Wildlife Service
(http://training.fws.gov/ ) are pleased to offer their "GIS Introduction for Conservation Professionals" on-site to state fish and wildlife agencies. This course is normally offered in Shepherdstown West Virginia primarily to US Fish and Wildlife Service staff. This new initiative allows us to deliver the NCTC course at a location convenient to the state fish and wildlife agency that purchases the course such as the state agency headquarters or other central location. The course has been customized for applicability to state fish and wildlife agency personnel. $\$ 525 /$ person for a three day (24 training hours total) course. College credit:
1 semester hour. To learn more about the course please contact:

Andrew Rosenberger
Conservation Management Institute 540231-7348
anrosenb@,vt.edu
You may also view information about the course on the NCTC web site:
https://otis.fws.gov/Index.cfm?empcode=G UEST23834\&CFID $=28883 \&$ CFTOKEN $=8$ 141616

20th Annual International Conference on

## AFS - New York Chapter Newsletter -- May 2004

Soils, Sediments, and Water
October 18-21, 2004
University of Massachusetts at Amherst
More information at www.UMassSoils.com

## Jobs

Fisheries biologist - St. Croix Smallmouth Bass and Alewife Study

Maine Rivers, a not-for-profit charitable corporation is seeking a Fisheries Biologist for smallmouth bass and alewife studies within the lower reaches of the St. Croix watershed, from September 2004 to August 2005.

DUTIES: Reporting to the Executive Director of Maine Rivers, consolidation and statistical evaluation of existing data on smallmouth bass populations and growth rates as well as the planning, coordination and implementation of a study of alewives and smallmouth bass in the St. Croix River watershed. This position will initially be for a one year term for the fieldwork and data gathering; salary to be negotiated for subsequent production of the report.

RESPONSIBILITIES include: 1) planning, scheduling, and conducting field research and data mining; 2) statistical data analysis using Statistical Analysis Software (SAS); 3) development and implementation of fish population surveys based on the best available technologies; 4) statistical analysis of freshwater fish population and agegrowth data; 5) review and compilation of published and unpublished research findings on interactions between alewives and smallmouth bass; and 6) preparation of a scientific report within 6 months of the conclusion of field research and data gathering, which summarizes the study, including the status of fisheries resources, along with recommendations for future research and monitoring needs.

QUALIFICATIONS: Bachelor's degree or higher
in Biology, Wildlife Management, Resource Management or related field from an accredited institution, strong knowledge of statistical analysis procedures especially SAS software and minimum three years experience in freshwater fisheries. Field research, including electrofishing, with experience in smallmouth bass and/or alewife studies preferred. Travel and work some evenings and weekends. Excellent management, organization, leadership, team work, problem solving, written and oral communication, interpersonal and supervisory skills, and experience in writing technical fisheries articles. Candidates must be able to legally travel between the U.S. and Canada.

Résumés should be in chronological order specifying education and employment in months and years including part-time and full-time employment with a minimum of three references having good knowledge of candidate's abilities in required skills.

SALARY RANGE: \$25,000-\$35,000
Send applications stating competition title FISHERIES BIOLOGIST to Biologist Search, Maine Rivers, 3 Wade Street, Augusta, Maine 04330-6351 or e-mail mainerivers@nrem.org

Open until filled.

## Miscellaneous

International Joint Commission (IJC) schedules public meetings to seek input for assessment and evaluation of criteria used for regulating water levels in Lake Ontario and St. Lawrence River The Lake Ontario - St. Lawrence River Study Board is undertaking a comprehensive five-year study for the International Joint Commission

## AFS - New York Chapter Newsletter -- May 2004

(IJC) to assess and evaluate the current criteria used for regulating water levels on Lake Ontario and in the St. Lawrence River. The study team engaged by the IJC is a bi-national group of diverse experts from government, academia, native communities, and interest groups representing the geographical, scientific and community concerns of the Lake Ontario - St. Lawrence River system and is committed to involving the public throughout the study. Tentative meeting dates* for presenting information on the study and gathering public input are:

Massena August 12, 2004
Alexandria Bay August 18, 2004
Sackets Harbor August 19, 2004
Oswego September 1,2004
Sodus Bay September 2, 2004
Greece September 15, 2004
Olcott September 17, 2004
*Meetings will held in Canada on the same dates.
To confirm dates and locations, check www.losl.org

## Atlantic Salmon caught in tributary to Hudson River Estuary

A surprised angler caught a domestic broodstock salmon in April in the tidal section of Rondout Creek in Ulster County. The fish was a 27.75 in, 7 lb female, which had evidently escaped from a hatchery along the Naugatuck River in Connecticut. The Naugatuck River is tributary to the Housatonic River; the mouth of which is approximately 50 miles from the mouth of the Hudson. Rondout Creek is a tributary entering the Hudson River 91 miles upstream from the mouth. This is the only salmon taken in the Hudson River Estuary in DEC records and in the collective memories of DEC Region 3 biologists.


Atlantic Salmon from Rondout Creek
"Fish Handler's Disease" increasing in MD
Striped bass in the Chesapeake Bay are carrying Mycobacterium marinum, a bacterium that can cause "fish handler's disease." Medical doctors in Maryland have seen an increase in this condition among patients. MD state fisheries biologists estimate the bacteria has spread to 50 percent of striped bass in some areas of the bay while the Virginia Institute of Marine Science estimates 76 percent of stripers throughout Chesapeake Bay are infected. Information available on the Virginia Institute of Marine Science website at: www.vims.edu/myco

## Canada moves to protect American eel

The Canadian Ministry of Natural Resources (MNR) announced in early April that it is acting to protect the vanishing American eel by banning commercial eel fishing and proposing to eliminate sport eel fishing in Lake Ontario and the upper St. Lawrence. According to MNR, Ontario commercial eel harvests peaked at more than 500,000 pounds in 1978 but by 2003 had dropped to less than 30,000 pounds as eel numbers declined. The Ministry of Natural Resources is also working with other jurisdictions to encourage eel restoration throughout its range.

## AFS - New York Chapter Newsletter -- May 2004

## State Wildlife Grants Program

New York's State Wildlife Grants Program is a program that identifies "species of greatest conservation need" and develops programs to help restore their populations. It is an on-going NYS program funded by federal money and is the most significant source of funding available to help restore our rare species. To date, New York has received nearly 9.5 million dollars and anticipates receiving around 3.0 million annually.

Doug Carlson is coordinating the freshwater fish component of the program for DEC and suckers and Dr. Robert Werner is serving on the Partners' committee representing the NY Chapter of the American Fisheries Society. One of the tasks of the Partners' committee is to use the expertise within member organizations to identify "species of greatest conservation need" and help develop management strategies to restore their populations. Many of you have had experience with species identified so far and could help in this large and important task.

If you are willing to share information Doug or Bob, please contact one of them. You will receive a list of the fishes of interest by contacting them or may view it on the DEC web at:
http://www.dec.state.ny.us/website/dfwmr/wildlife/wild div/swg/animallist.html\#fish. We must have your input by early July for use in the draft plan, which is to be completed by September. We are also interested in locating anyone who would be willing to drafts of the plan. Please contact us if you are willing to work to restore our rich natural heritage.

State Wildlife Grants Program - cont.
Doug Carlson
dmcarlso@gw.dec.state.ny.us
Bob Werner
rgwerner@adelphia.net
2130 Lakeview Lane
Skaneateles, NY 13152

## Agencies face unprecedented challenges in managing nation's natural resources

Government agencies charged with managing and

Protecting natural resources are facing a crisis. Major changes in the federal workforce in the nearterm will deprive agencies of significant numbers of senior scientists and managers. Demographic changes, shifting national priorities, and decades of under funding are diminishing government's role in natural resources management and science. A consortium of leading professional and scientific societies has released a report entitled "Federal Natural Resources Agencies Confront an Aging Workforce and Challenges to Their Future Roles". Free copies of the report and conference PowerPoint presentations are available at:
http://www.rnrf.org

## NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY <br> ANNUAL BUSINESS MEETING, RADISSON HOTEL, CORNING, NY FEBRUARY 5, 2004

Welcome: Web Pearsall opened the 2004 Annual Business Meeting of the New York Chapter American Fisheries Society and welcomed all chapter members.

Last Call for Ballots: The last call for voting ballots was made by Margaret Murphy and elections were closed so the ballots could be tabulated. J. Homa indicated that a quorum was present (Sign-in sheet indicated 48 individuals present).

Minutes: Copies of the minutes from the 2003 Annual Business Meeting (held at the Canandaigua Inn, Canandaigua, New York on January 9, 2003, and as accepted by the EXCOMM on March 25, 2003) as published in the NYCAFS April, 2003 Newsletter were circulated for Chapter review. A motion was made by Margaret Murphy and seconded by Doug Stang. A vote to accept the 2003 Annual Business Meeting minutes as published without revisions was unanimously approved.

Treasurers Report: The year-end financial statement for 2002 and proposed 2003 budget were published in the NYCAFS Spring 2003 Newsletter. John Homa indicated that the NYCAFS started with a net worth of $\$ 30,270.51$, had total receipts of $\$ 10$, 201.18, and had total expenses of $\$ 12,324.20$, and ended the year with a net worth of $\$ 28,147.49$. The Chapters net worth decreased by $\$ 2,123.02$. Chapter rebates continue to be used by the Chapter, interest rates and income from interest has leveled out. A detailed treasurer's report is attached,

# AFS - New York Chapter Newsletter -- May 2004 

including a graph of the net worth of the Chapter from 1989 through 2003. The net worth of the Chapter has increased over the 15 year period but, considering inflation, the net worth of the Chapter continues to remain approximately the same since 1989.

Presidents Report: Web Pearsall delivered thanks to the EXCOMM and the general membership. He also thanked the Parent Society and the Northeast Division for their representation. Web spoke briefly about some key topics for the upcoming year which included the reorganization of the NED schedule, an EXCOMM officers handbook, student participation and the need for insurance. Web highlighted the following topics for the past year of his service, student participation is on the rise and should continue to be a great networking tool for students. Web thanked the NYSDEC and specifically Doug Stang for co-sponsoring the 2006 National Meeting. Web also discussed challenges that arose during 2003 and that will likely continue into 2004 including the liability insurance issue that is directly related to conducting annual workshops and events.

Parent Society: Barb Knuth from the Parent Society presented an update of parent society news and activities.

Northeast Division: Ron Essig of the Northeast Division presented an update of parent society news and activities.

AFS 2004 - Phil Moy gave a brief update regarding the 2004 National Meeting and Conference in Wisconsin.

AFS 2006 - Ed Woltmann presented a brief update regarding the 2006 National Meeting and Conference in Lake Placid, New York.

## Committee Reports:

Annual Meeting: Arrangements and program for the 2005 Annual Meeting will be discussed at the first EXCOMM meeting of 2004.

Audit Report: A review of the Treasurer's information and books was completed by Mark Arrigo. All monies and accounts were found to be in order.

Website: Bill Snyder presented the website in its current form. Although it still needs some work, once up and running it will save time and create a location where chapter members can keep up with chapter business.

Newsletter: Allen Petersen and Leslie Surprenant will continue to co-edit the newsletter which has been very successful this year.

Student Sub-unit: Little activity this year, however several colleges have been inquiring. Follow-up will continue to be
strong during 2004.
Professional Incentives: The NYC is adding a new Conservationist Award. See our website or contact Web Pearsall for details.

Workshop: The GIS workshop will likely take place this year (2004), locations are being solicited from public universities and agency locations.

Membership: Membership will continue to be strongly solicited during 2004.

Election Results: President Elect - Jim McKenna, Secretary/Treasurer Elect - Scott Jones

New President: Bill Gordon took his place as Chapter President for 2004 and spoke briefly about chapter plans for the upcoming year including the need to concentrate on focus areas including the need for committee chairs (Local Arrangements, Student Sub-Unit, and Professional Incentives).

2004 Budget Proposal: Bill Gordon's 2004 budget was presented to the general membership. A motion was made by Web Pearsall and seconded by Bill Snyder. A vote to accept the budget was unanimously approved.

The following awards were distributed prior to the close of the meetng:

Best Poster Presentation: Jim Johnson \& Steve Lapan - "The creation of artificial spawning habitat for lake sturgeon in the St. Lawrence River: opportunities, constraints and site longevity"

Best Professional Paper: Dick McDonald -
"Attributing the NHD with Channel Specific Information: GAP Analysis Techniques"

Best Student Paper: Aaron Bosworth - "Genetic Population Structure Among Spawning Aggregations of Northern Pike in the Saint Lawrence Using Microsatellite Markers"

A motion was made by Randy Vaas to adjourn and seconded by Web Pearsall. A vote to accept adjournment was unanimously approved.

ATTACHMENTS: 2003 Annual Treasurer's Report, 2004 Budget

## New York Chapter - American Fisheries Society

| 2004 Budget |  |
| :---: | :---: |
| Project Revenues |  |
| 2005 Annual Meeting | \$6,000.00 |
| Membership Dues | \$2,250.00 |
| Interest | \$250.00 |
| Raffle | \$500.00 |
| 2004 Workshop | \$3,000.00 |
|  | Total Revenues \$12,000.00 |
| Projected Expenses |  |
| 2005 Annual Meeting | \$6,000.00 |
| Office Supplies | \$100.00 |
| Postage | \$500.00 |
| Newsletter/Membership List | \$700.00 |
| Workshop | \$1,800.00 |
| Donations | \$500.00 |
| Awards for Best Papers | \$300.00 |
| Student Travel Award for NED or Parent Meeting | \$250.00 |
| Web Page | \$500.00 |
| Raffle | \$200.00 |
| NED AFS Meeting - Travel/Expense | \$400.00 |
| AFS Parent Meeting - Travel/Expense | \$750.00 |
|  | Total Expenses 12,000.00 |



QUARTLY BALANCE ALL ACCOUNTS

| Balance as of January 01, 2002 |  | \$ 30,270.51 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| = |  | $=$ |  |  |  |  |  |  |
|  | 12/31/2002 |  | 3/31/2003 |  | 6/30/2003 |  | 9/30/2003 | 12/31/2003 |
| Checking statement | \$ 2,065.54 | \$ | 196.17 | \$ | 720.51 | \$ | 382.85 | \$ 1,454.88 |
| - unstanding checks | \$ - | \$ | 52.29 | \$ | 100.00 | \$ | 68.59 | \$ 834.06 |
| +outstanding deposits | \$ |  |  |  |  |  |  |  |
| Checking balance | \$ 2,065.54 | \$ | 143.88 | \$ | 620.51 | \$ | 314.26 | 620.82 |
| Savings | \$ 7,496.45 | \$ | 7,517.55 | \$ | 7,534.87 | \$ | 7,544.46 | \$ 6,352.57 |
| rate | 1.24\% |  | 1.06\% |  | 0.79\% |  | 0.51\% | 0.51\% |
| CD 33605554 mo | \$ 6,426.60 | \$ | 6,466.01 | \$ | 6,494.66 | \$ | 6,519.64 | \$ 6,519.64 |
| rate | 1.83\% |  | 1.35\% |  | 1.14\% |  | 0.90\% | 0.90\% |
| CD 339006316 mo | \$ 6,368.51 | \$ | 6,601.92 | \$ | 6,601.92 | \$ | 6,627.10 | \$ 6,647.30 |
| rate | 2.71\% |  | 1.14\% |  | 1.14\% |  | 0.90\% | 1.01\% |
| CD 33966064 mo | \$ 3,995.43 | \$ | 4,019.93 | \$ | 4,037.74 | \$ | 4,053.27 | \$ 4,053.27 |
| rate | 1.83\% |  | 1.35\% |  | 1.14\% |  | 1.01\% | 1.01\% |
| CD 33965921 mo | \$ 3,917.98 | \$ | 3,927.03 | \$ | 3,937.38 | \$ | 3,946.06 | \$ 3,953.89 |
| rate | 1.39\% |  | 1.00\% |  | 1.00\% |  | 0.75\% | 0.75\% |

Total All Accounts
\$30,270.51 \$ 28,676.32 \$ 29,227.08 \$ 29,004.79 \$ 28,147.49

Balance as of January 01, 2003
Beginning Balance (all accounts) $\$ 30,270.51$ RECEIPTS RECEIPTS
Membership 2003 Annual Meeting Raffle

2003 Workshop Misc. Workshop Interest
Interest
Other (NY Fishes) Misc ${ }^{(* * * * * * * * * * *)}$ TOTAL RECEIPTS EXPENDITURES 2003 Annual Meeting 2003 Work Shop Misc. Workshop(Picnic)

Website Lists Newsletter/Membership Lists Postage

Office Supplies Raffle
Stipens/Best papers/poster/travel NED Officer Meeting Expense AFS National Meeting Expense Donations

Award Plaques: Misc (bank fee)
Misc (bank fee)
TOTAL EXPENDITURES
Ending Balance (all accounts) $\quad \$ 28,676.32$
NYCAFS2003/2003TREASREPT_forthQuarter20040130FINAL

Application for Membership
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
[Note: Information provided will be used in the membership directory]

Name [Please type or print neatly]

Address

| City | State | Zip code |
| :--- | :--- | :--- |
| Home Telephone | Work Telephone | e-mail address |

Employer/Affiliation/School
Application is for:
$\bigcirc$ Professional Membership [\$10.00] ○ Student Membership [\$5.00]

- new membership
- renewal membership

Faculty Member endorsement [legible signature required]

Would you be willing to receive all Chapter communications via email? ○ Yes $O$ No
Are you a member of the American Fisheries Society (Parent Society)? O Yes O No
Which of the following committees can depend on your service this next year?

O Environmental Concerns
O. Student Sub-unit
O. Finance Committee:
Q. Program Committee
O. Youth Education

- Resolutions Committee

O Native Peoples Fisheries
O Professional Diversity
O Professional Incentives.

O Newsletter Staff
O Membership Committee.
O Nominating Committee
O Workshop Committee

Make checks payable to New: York Chapter AFS. Send this form and your check to:

> Mr. John Homa, Jr:
> NYAFS Secretary/Treasurer
> C/O Ichthyological Associates, Inc.
> 50 Ludlowville Road:
> Lansing, NY 14882, (607) 533-8801

Please note: The number 2001,2002; OR 2003, on your current mailing label denotes your status. For current voting eligibility, you should have 2004. on your mailing label. There will be a $\$ 20.00$ service charge for all checks returned due to insufficient funds.

O I need a receipt for membership in the New York Chapter of the American Fisheries Society

Name: [Please type or print: neatly before: submitting form for processing]
O. Professional Membership [\$10.00] O Student Membership [\$5.00].

Received by_John: Homa; Jr.r. Secretary/Treasurer NYCAFS.

Date


## New York Chapter

American Fisheries Society - Newsletter

## August 2004

| New York Chapter Officers |  |
| :--- | :--- |
| 2004-2005 |  |
| President: | William Gordon |
| President-elect: | Jim McKenna |
| Past President: | Web Pearsall |
| Secretary-Treasurer: | John Homa, Jr. |
| Sec./Treasurer-Elect | Scott Jones |
| PUBLICATION STATEMENT |  |


| Title: | New York Chapter American Fisheries Society Newsletter |
| :---: | :---: |
| Issue Date: | August 13, 2004 |
| Frequency: | The NYCAFS Newsletter is published three times annually: March-April (Spring Edition), July-August (Summer Edition), and NovemberDecember (Winter Edition) |
| Newsletter Co-Editors: |  |
|  | Leslie Surprenant |
|  | ljsurpre(@)gw.dec.state.ny.us |
|  | Allen M. Peterson ampeterson@nyseg.com |


| Name [Please type or print neatly] |  |
| :--- | ---: |
| Address | State |
| City | Zip code |
| Home Telephone |  |
| Employer/Affiliation/School |  |
| Application is for: |  |
| Professional Membership [ $\$ 10.00]$ | Student Members |
| $\square$ new membership |  |
| $\square$ renewal membership | Faculty Member endorsement [legible signature required] |


| Would you be willing to receive all Chapter communications via email? | O | Yes | O | No |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Are you a member of the American Fisheries Society (Parent Society)? | O | Yes | O | No |

Which of the following committees can depend on your service this next year?

| O | Environmental Concerns | O | Resolutions Committee | O | Newsletter Staff |
| :--- | :--- | :--- | :--- | :--- | :--- |
| O | Student Sub-unit | O | Native Peoples Fisheries | O | Membership Committee |
| O | Finance Committee | O | Professional Diversity | O | Nominating Committee |
| O | Program Committee | O | Professional Incentives | O | Workshop Committee |
| O Youth Education |  |  |  |  |  |

Make checks payable to New York Chapter AFS. Send this form and your check to:

```
Mr. John Homa, Jr.
NYAFS Secretary/Treasurer
C/O Ichthyological Associates, Inc.
50 Ludlowville Road
Lansing, NY 14882, (607) 533-8801
```

Please note: The number 2001,2002, OR 2003, on your current mailing label denotes your status. For current voting eligibility, you should have 2004 on your mailing label. There will be a $\$ 20.00$ service charge for all checks returned due to insufficient funds.

O I need a receipt for membership in the New York Chapter of the American Fisheries Society

Name [Please type or print neatly before submitting form for processing]

```
O Professional Membership [$10.00] O Student Membership [$5.00]
```

Received by John Homa, Jr., Secretary/Treasurer NYCAFS

Date

# AFS - New York Chapter Newsletter -- August 2004 

## Editors' Note

This is our fifth newsletter we've produced; please let us know how we're doing and what we might do to best serve the needs and interests of chapter membership. We depend on your contributions to make the newsletter the best it can be and hope more of you will contribute photos, abstracts, short reports - even jokes! You may e-mail your contributions to either of us. Next newsletter will be the Fall/Winter edition with a late November deadline.

Leslie Surprenant
Allen Peterson
Co-editors

## President's Corner

The Chapter's Executive committee has already met twice during 2004 - April 13 and July 14. In addition to routine business, items discussed by the committee included: 2004 NED and AFS annual meeting chapter participation, planning for 2006 AFS in Lake Placid, and our 2005 workshops and chapter annual meeting planning.

2004 NED and AFS annual meeting chapter participation - On behalf of the NY Chapter, Bill Gordon attended the 2004 Northeast Fish and Wildlife Conference held during April in Ocean City Maryland. Both past President Web Pearsall and President-elect Jim McKenna will represent the Chapter at the 2004 American Fisheries Society Annual Conference in Madison, WI.

Planning for 2006 AFS in Lake Placid - An ad hoc committee charged with planning for the 2006 American Fisheries Society Annual Conference in Lake Placid, NY, was formed. Web Pearsall will be chairman.

2005 workshop - A workshop entitled: Georeferencing Your Biological Data: An introduction to the use of Geographical Information Systems for the Fisheries Professional, is planned for 2004. At this time, setting a date for the workshop is on hold, pending an increased show of interest. If you are interested in this
workshop please contact Dick McDonald, at: dmcdonald@usgs.gov

2005 chapter annual meeting planning - The chapter's next annual meeting, scheduled for February 3-4, 2005 in Syracuse, will be a Tri-Society event (NY's fisheries, wildlife and forestry chapters). The tentative theme for the meeting is: Integrated restoration of natural ecosystems at the watershed scale: incorporating management efforts to restore wetlands, wildlife, forests and fisheries at the landwater interface

Rationale: Government agencies, academics, private sector and not-for-profit groups are engaged in research, development, and implementation efforts aimed at the restoration of natural ecosystems. Working at the ecosystem level requires understanding linkages between communities of plant, wildlife, and fish species and their linkages with the land and water habitats. Such complex efforts are often best approached at the watershed scale where forestry, wildlife and fishery management disciplines can interact. Human dimension aspects should also be addressed, as the success and effectiveness of restoration efforts are also highly dependent on incorporating the social and cultural needs of people living within the watershed being "restored".

Efforts in fishery restorations include sturgeon in the Great Lakes and Hudson River, Pacific salmon in the Northwest, and brook trout in the Adirondacks. Parallel efforts in wildlife, wetland, and forest restoration are also occurring. Since many us in the natural resource research and management field are involved at some level in restoration efforts, this theme would be very appropriate for a tri-society meeting of forestry, wildlife, and fishery professionals and students. Program Committee members are working to locate fish, wildlife and forestry professionals and students actively engaged in watershed restoration efforts in both NY and across the country who might be invited to participate in our meeting.
Look for future announcements regarding our 2005 annual meeting and be sure to set aside the dates: February 4 and 5 .

Bill Gordon
President - NYS Chapter American Fisheries Society

# AFS - New York Chapter Newsletter -- August 2004 

## Chapter News

## Website

Bill Snyder reports that our Chapter website is now operational. Check it out at www.newyorkafs.org It's still a work in progress and Bill continues to fill in details and clean up the site. Please report any problems you encounter with the site as we work through the development phase. This newsletter will be posted on the website. If you are interested in receiving your newsletters electronically, please contact Bill at bsnyderw@morrisville.edu. Electronic distribution could save the chapter hundreds of dollars in postage and many hours of copying, stuffing, and mailing each year!

## Workshop

GIS WORKSHOP - to be held Fall 04 or Spring 05. Location is to be determined. Minimum 20 participants needed to proceed. If you are interested, please contact Dick McDonald at dmedonald@usgs.gov ASAP.

## New members

## EXCOMM VOTES TO EXTEND FREE CD AND BOOK OFFER

NYCAFS is making an effort to increase and maintain membership in the Society. If you know of someone who may benefit by membership in the Society, please invite him or her to join.

The first 50 new $^{1} 2004$ members in the Chapter will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species.

In addition, the first 20 members of the Chapter who

[^4]become a new ${ }^{1}$ member in the parent organization the American Fisheries Society in 2004 will receive a free copy of the Guidelines for the Use of Fishes in Research.

John Homa, Jr., Sec./Treas.
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
C/O IA Inc., 50 Ludlowville Rd., Lansing, NY 14882
Phone: 607-533-8801; Fax: 607-533-8804
Email: NYCAFS homa@aol.com

## Student Subunit

Professor Contacts needed! We are trying to identify colleges with aquatic environmental programs (and permanent contacts there) throughout New York and the northeast. We would like to identify one or two key professors from these colleges to serve as contacts to the students. The student subunit would benefit by having a more permanent person at each college to keep students up-to-date on activities within the Chapter. Please forward any college/contact information you might have to Mark Arrigo at marrigo@ecologicllc.com. Thanks for your help!

## National AFS News

## New Releases from AFS

The Development of Form and Function in Fishes and the Question of Larval Adaptation
John Jeffrey Govoni, editor.
This book, the proceedings of a symposium held at the 26th Annual Larval Fish Conference, of the Early Life History Section of the American Fisheries Society, in Bergen, Norway presents current thought that reflects upon the following questions: when and in what capacity do developing organs or organ systems come on line, and more importantly, are these organs and their functions specializations unique to embryos and larvae or are they simply rudimentary functional anlage of the adult form? Understanding how larval fish function, how they acquire energy to grow, and how they expend energy to survive is basic to any endeavor in either mariculture or aquaculture.

## AFS - New York Chapter Newsletter -- August 2004

The symposium invited and drew in scientists from around the world, who have compiled information, achieved understanding, and made their information available in this symposium volume. The chapters included in this book show the development of form and function in the following major anatomical systems: gross external anatomy (swimming), the integument (osmoregulation and taste), the alimentary canal, other visceral organs, the swim bladder, gills, and sensory systems, as well as blood and circulation.

Stock \#540.40; ISBN 1-888569-58-1
AFS Members: $\$ 42.00$, plus shipping and handling
List: $\$ 60.00$, plus shipping and handling
Early Life History of Fishes in the San Francisco Estuary and Watershed
Frederick Feyrer, Larry R. Brown, Randall L. Brown, and James J. Orsi, editors

This book is the primary source of information on the early life history of fishes in the San Francisco Estuary and its watershed. There has been a large body of research and monitoring conducted in the system; however, very little of it has been published. This book contains more papers on fish early life history in the system than all previous publications combined. There is a great deal of interest in the system itself, as it is the largest estuary on the Pacific Coast of the United States. In addition to providing a resource for people generally interested in the system, original papers on
feeding ecology, growth, environmental requirements of species, community ecology, emerging modeling techniques, development, and toxicology will benefit scientists specializing in a variety of disciplines.

## Stock \#540.39, paper

AFS Members: $\mathbf{\$ 4 2 . 0 0}$, plus shipping and handling
List: $\$ 60.00$, plus shipping and handling
Geographic Information Systems in Fisheries
William L. Fisher and Frank J. Rahel, editors
This book summarizes a growing body of information on applications of geographic information systems (GIS) in fisheries research and management. It is the first book of its kind that provides examples of GIS applications for all components of a fishery (i.e., organisms, habitats, and people), in both freshwater and marine environments. The book is intended for use by fisheries students and professionals alike and is a reference for fisheries scientists who are interested in using GIS as a tool for solving fisheries management problems.
The book introduces ways GIS can be applied to fisheries, identifies challenges associated with using GIS in aquatic environments, reviews fisheries applications of GIS in freshwater (streams, rivers, lakes, and reservoirs) and marine
(nearshore and offshore) environments and in aquaculture, examines GIS as a tool for fisheries decision making, and concludes with the future of GIS in fisheries.

Stock \#550.41C, hardbound
AFS Members: $\$ 48.00$, plus shipping and handling List: $\$ 69.00$, plus shipping and handling

The Ecology and Management of Wood in World Rivers
Stan V. Gregory, Kathryn L. Boyer, and
Angela M. Gurnell, editors
This book is the proceedings of the "International Conference on Wood in World Rivers" held in Corvallis, Oregon. The volume (1) synthesizes world knowledge about large wood in streams and rivers in relation to physical and ecological processes and stream restoration; (2) presents the status of knowledge of the physical dynamics and ecological interactions of large wood in streams and rivers in different geographical regions; (3) creates a framework for interpreting and potentially applying the results of research in different geographical regions and management systems; (4) identifies different management systems for large wood in rivers; (5) assesses physical and biological responses of large wood in stream restoration; and (6) explores links between primary information of the physical and ecological dynamics of large wood resource management systems, and the communities and cultures in which they are applied.

Stock \#540.37, paper
AFS Members: $\mathbf{\$ 5 3 . 0 0}$, plus shipping and handling List: $\$ 75.00$, plus shipping and handling

## To order publications:

*Online: www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi
*Phone or Fax: (678) 366-1411, or Fax (770) 442-9742.
*Email: afspubs@pbd.com
What's new at AFS? Read all about it at http://www.fisheries.org/WhatsNew.shtml http://www.fisheries.org/WhatsNew.shtml

The AFS Online Bookstore is a valuable resource for all fisheries and aquaculture related books:
http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi
http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi
AFS Job Center Online (and other employment resources): http://www.fisheries.org/jobs.shtml
http://www.fisheries.org/iobs.shtml
Renew your AFS Membership online at http://www.fisheries.org/forms.shtml

# AFS - New York Chapter Newsletter -- August 2004 

Don't forget to browse featured articles from the latest issue of FISHERIES magazine at:
http://www.fisheries.org/fisheries/fishery.shtml

## Recent Theses and Reports

None submitted for this newsletter. If you have a recent thesis or report you want to submit for the Fall/Winter newsletter, please e-mail an abstract to editors Allen Peterson ampeterson@nyseg.com or Leslie Surprenant !jsurpre@gw.dec.state.ny.us

## Upcoming Events

AFS Chapter Picnic Saturday, September 25, 2004
Salmon River Hatchery, Altmar, NY
Mark your calendars and bring the kids for a day of fun, food and fish at one of New York's premier fish spots! This year's AFS Chapter picnic will be at the Salmon River hatchery during their annual open house on National Hunting and Fishing Day.

There will be a ton of activities during the 9 am to 4 pm open house: hatchery tour, watching the salmon run, trout and pan-fishing at the reservoir, fishing seminars, stream ecology workshop in the stream, displays from many hunting and fishing groups, a fish petting zoo and a rare and endangered fish display.
We have on-site picnic tables reserved from 11 am until 4:00. The Chapter will provide hamburgers, hot dogs, soda, paper plates, cups, silverware and napkins. Please bring a dish to pass.
Contact: Randy Vaas navypap@tweny.rr.com any time or Jim McKenna jemckenna@usgs.gov after September 7 to register. Please register by Sept. 21.

## Wild Trout VIII Symposium

"Working Together to Ensure the Future of Wild Trout"
September 20-22, 2004
Yellowstone National Park, Old Faithful Inn

## GIS Intro for Conservation Professionals

The Conservation Management Institute (http://www.cmiweb.org ) and the National Conservation Training Center of the US Fish and

Wildlife Service
(http://training.fws.gov/ ) are pleased to offer their "GIS Introduction for Conservation Professionals" onsite to state fish and wildlife agencies. This course is normally offered in Shepherdstown West Virginia primarily to US Fish and Wildlife Service staff. This new initiative allows us to deliver the NCTC course at a location convenient to the state fish and wildlife agency that purchases the course such as the state agency headquarters or other central location. The course has been customized for applicability to state fish and wildlife agency personnel. \$525/person for a three day (24 training hours total) course. College credit:
1 semester hour. To learn more about the course please contact:
Andrew Rosenberger
Conservation Management Institute
540 231-7348
anrosenb@,vt.edu
You may also view information about the course on the NCTC web site:
https://otis.fws.gov/Index.cfin?empcode=GUEST2383 $4 \&$ CFID $=28883 \&$ CFTOKEN=8141616

National Conference on Coastal and Estuarine Habitat Restoration
September 12 -15, Seattle WA
http://www.estuaries.org
International Association of Fish and Wildlife Agencies Annual Meeting, Atlantic City, NJ. September 26 - October 1, 2004
http://www.iafwa.org
Annual International Conference on Soils, Sediments, and Water
October 18-21, 2004
University of Massachusetts at Amherst
More information at www.UMassSoils.com
Annual Conference on Ecosystems Restoration and Creation, Tampa, FL.
October 28-29, 2004
http://www.hccfl.edu/depts/detp/ecoconf.html

# AFS - New York Chapter Newsletter -- August 2004 

## Annual Symposium of the North American Lake Management Society, Victoria, BC.

November 3-5, 2004
http://www.nalms.org/

NY Chapter AFS Annual Meeting : Integrated restoration of natural ecosystems at the watershed scale: incorporating management efforts to restore wetlands, wildlife, forests and fisheries at the landwater interface. Tri-society meeting. Syracuse, NY. February 3-4, 2005

## Miscellaneous

Notes from Emily Zollweg - enthusiastic Fish and Wildlife Service biologist

So here I was just doing my job, fishing the Genesee River... And up out of the net appears this tiny little fish with barbels and scutes all along it's sides and back. What to my wondering eyes is this? Why it's the sturgeon I've been looking for! We (DEC did the catching and rearing, had the idea and did all the habitat work, and me (USFWS), well, it's my job to catch the fish (funded by the EPA of course)), stocked 900 YOY lake sturgeon in September 2003. We spent some time looking for them last fall and found 9 and tagged them. We figured we'd try again this spring, struck out on our first trip, and the next trip started out the same, 0 sturgeon (but lots of FWD!). But lo and behold, the next day we caught 5 sturgeon! Wow, we sure were excited. By the end of the trip we were up to 16 fish tagged. We're trying to figure out which habitats the sturgeon like in the river and how long they will hang out before taking off for Lake Ontario to grow and roam. We were so excited, we decided we'd better keep sampling through the summer. So last week, I went out again, I only had a few days after the long holiday weekend, but I was optimistic. We braved the rain and thunder to set the nets, trying one new spot, altering the angle on another just slightly, went home and tidied up the desk in anticipation of a long field day the next day. The next day dawned a little dark, rain threatened, but by the time we got out there it was starting to clear. We went up to the first net, WooHoo! A sturgeon! Success! Excitement, break out the tags, take a Ponar sample, ooh, this one's a little heavy, I need the bigger scale (over 100 g , it's been finding things to eat out there!). We go to the next net, just downstream, I'm overwhelmed, we caught 5 , count them 5 sturgeon, all healthy, clearly growing, maybe even ready to fly. I figure we're done for the day, we pull the next two nets with no sturgeon, as usual, we're pretty sure they just don't For the serious fisheries person, these web sites are a
like those spots. But the last net, where I tweaked the angle of the set just a little more cross current, just a little bit more toward the center of the river, had a sturgeon in the first 5 feet we pulled up. Hhmmm, what's going on here? The next day, we wonder, was it a fluke? Just a good day to catch sturgeon? Was it the new nets? The tweaked set? We pull the first net, 5 sturgeon. I nearly cried. I'm good at my job, but sometimes the fish make me look better! Who else can say that they work with such a wonderful fish, unique and special in so many ways. They live for a really long time (about 70 years on average for a female, 50 years for a male), they don't usually spawn the first time until their teens or twenties, they eat the little organisms that live in the sediments of our lakes and rivers, they stick their heads up out of the water and look around, they leap full out of the water to call others to the spawning grounds, their scutes and thick skin protect them from being eaten or attacked by parasites, scuba divers report being able to swim right up next to them, as if maybe we were just another fish, wearing it's protection on the outside. So, the rest of the story? We caught two more fish that day, including one in the last net again. Was it the angle of the set, a good week to catch sturgeon, or do the fish really like the spot we picked for them? I'm young enough that I never saw the Genesee at it's worst, but I have seen enough of the world to say that it looks like a pretty good river to me, very little floating garbage, natural looking shorelines for the most part (at least there are cattails there not seawall for most of the length!), lots of fish eating birds, turtles, and most of our bycatch looks healthy too. So far the lake sturgeon seems to be pretty happy to be back in the Genesee, and I for one, am happy to say that I have a great job!


## AFS - New York Chapter Newsletter -- August 2004

For the serious fisheries person only, these web sites are a must see:
http://www.carlylelake.com/fishjokes.htm
http://216.71.45.213/fishjoke.html
http://www.funs.co.uk/jokes/fish.htm
http://www.yuksrus.com/fish.html

Believe it or not ...


Large Missouri catfish in park pond with basketball. Basketball was removed and catfish released unharmed.


Give your child a fish and he'll eat for a day; teach your child to fish and he'll humiliate you forever!

## AFS - New York Chapter Newsletter -- August 2004

New York Chapter of the American Fisheries Society 2003-2004 Officers and Executive Committee

President, William Gordon
whgordon@gw.dec.state.ny.us
Past President, Web Pearsall
wepearsa@gw.dec.state.ny.us
President-elect, Jim McKenna
Jim_mckenna@mckenna@usgs.gov
Secretary-Treasurer, John Homa
NYCAFS Homa@aol.com
Secretary-Treasurer-elect, Scott Jones
Scott.Jones@devinetrbell.com
Newsletter Editors, Leslie Surprenant
lisurpre@gw.dec.state.ny.us
Allen Peterson
ampeterson@nyseg.com
Website, William Snyder snyderw@morrisville.edu

Student Sub-Unit, Mark Arrigo marrigo@)ecologicllc.com

Professional Incentives, Web Pearsall wepearsa@.gw.dec.state.ny.us
Resolutions/Envir. Concerns, Randy Vaas
navypap@tweny.rr.com

Native American Affairs, Dick McDonald dmcdonald@usgs.gov

Professional Diversity, Web Pearsall wepearsa@gw.dec.state.ny.us

Youth Aquatic Education, Cara Ewell-Hodkin
Cara_Ewell-Hodkin@fws.gov
Dawn Dittman ddittman@usgs.gov
Workshop, Dick McDonald dmcdonald@usgs.gov

Membership, Fred Henson
fghenson@gw.dec.state.ny.us
Nominating, Web Pearsall
wepearsa@gw.dec.state.ny.us
Audit/Finance, Mark Arrigo
marrigo@ecologicllc.com
Program, Emily Zollweg
Emily_Zollweg@fws.gov
Mark Malcoff
mark.malchoff@plattsburgh.edu
Annual Meeting, Scott Jones
Scott.Jones@devinetrbell.com


## New York Chapter American Fisheries Society - Newsletter

## December 2004

| New York Chapter Officers |  |
| :--- | :--- |
| $2004-2005$ |  |
| President: | William Gordon |
| President-elect: | Jim McKenna |
| Past President: | Web Pearsall |
| Secretary-Treasurer: | John Homa, Jr. |
| Sec./Treasurer-Elect Scott Jones <br> PUBLICATION STATEMENT  |  |


| Title: | New York Chapter American <br> Issue Date: <br> Frequency: |
| :--- | :--- |
|  | Fisheries Society Newsletter |
|  | December 10, 2004 |
|  | The NYCAFS Newsletter is |
|  | published three times annually: |
|  | March-April (Spring Edition), |
|  | July-August (Summer |
|  | Edition), and November- |
| Newsletter Co-Editors: |  |
|  | Lestie Surprenant (Winter Edition) |
|  | lisurpre@gw.dec.state.ny.us |
|  | Allen M. Peterson |
|  | ampeterson@nyseg.com |

# AFS - New York Chapter Newsletter -- December 2004 

## Chapter News

## Website

Bill Snyder reports that our Chapter website www.newyorkafs.org is operational. Please report any problems you encounter with the site to Bill as he continues to work through development. If you want to receive newsletter notifications by e-mail, please contact him at snyderw@morrisville.edu and if you have indicated an interest in e-mail notification and provided an e-mail address, you will receive notification and a mailed paper copy until the chapter makes the change to electronic notification only. E-mail notification could save the chapter hundreds of dollars in postage and many hours of copying, stuffing, and mailing each year!

## Workshop

## GIS

Spring 05.
Location to be determined. Minimum 20 participants needed to proceed. If interested, please contact Dick McDonald at dmcdonald@usgs.gov ASAP.

## New members

Free Fish CD/Book Incentive Continued for New Members! Annual chapter dues are only $\$ 10$ ( $\$ 5$ for students). The first 50 new chapter members (not a member for at least the 5 preceding years) in 2005 will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species. In addition, the first 20 members of the Chapter who become new members in the parent organization American Fisheries Society in 2005 will receive a free copy of the Guidelines for the Use of Fishes in Research.

John Homa, Jr., Sec./Treas.
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
C/O IA Inc., 50 Ludlowville Rd., Lansing, NY 14882
Phone: 607-533-8801; Fax: 607-533-8804
Email: NYCAFS homa@aol.com

## Student Subunit

Professor Contacts needed! We are trying to identify colleges with aquatic environmental programs (and permanent contacts there) throughout New York and the northeast. We would like to identify one or two key professors from these colleges to serve as contacts to the students. The student subunit would benefit by having a more permanent person at each college to keep students up-to-date on activities within the Chapter. Please forward any college/contact information you might have to Mark Arrigo at marrigo@ecologicllc.com. Thanks for your help!

## Recruitment

Recruitment is always a big issue in fisheries. The same is true for the American Fisheries Society. AFS is the world's oldest and largest organization dedicated to the fisheries and aquatic resources profession. It is made up of 1,000 's of natural resource managers, scientists, students, and fish enthusiasts. But that remains true only because we constantly attract new people to the organization. Since this is a newsletter note, it really "preaches to the choir". So, please share this newsletter and membership note with those whom you think might be interested in joining. New members become

## Recent Theses and Reports

Lake Mahopac - Impacts of a triploid grass carp introduction on weeds and bass Ronald Pierce, NYS DEC Region 3, New Paltz, NY

Lake Mahopac is a 560 acre lake located in the Town of Carmel, Putnam County. Natural in origin, it was enlarged by New York City in 1870 when a 3 foot high dam was constructed. Maximum depth is 62 feet. The lake is surrounded by private homes and two private marinas provide access and boat dockage for non-riparian users of the lake. In October 1994 the Lake Mahopac Park District, under a permit granted by the New York State Department of Environmental Conservation, stocked the lake with 2,565 triploid grass carp in an attempt to control dense growths of Eurasian milfoil (Myriophyllum spicatum). According to a privately financed survey, the invasive plant had first been observed at the lake in the mid 1980's and now covered approximately 171 acres of the lake bottom to a depth of 12-15 feet, and represented over $99 \%$ of the non filamentous algae aquatic weed biomass. It was hoped that a stocking rate of 15 ten to fourteen inch yearling grass carp per vegetated acre that would reduce Eurasian milfoil biomass by approximately $70 \%$ over several years. Lake residents retained a consulting biologist to monitor triploid grass carp effectiveness by monitoring the effect of the aquatic vegetation for three years. Results of this monitoring, and several years of additional voluntary monitoring, are as follows:

## Average weight of aquatic weed biomass - excluding filamentous algae

1993-1,784.5 grams / square meter (baseline 100\%)
1995-489.0 grams / square meter ( $27 \%$ of baseline)
1996-252.4 grams / square meter ( $14 \%$ of baseline)
1997-17.8 grams / square meter ( $1 \%$ of baseline)
1998-0 grams / square meter ( $0 \%$ of baseline)
1999-0 grams / square meter ( $0 \%$ of baseline)
2000-0 grams / square meter ( $0 \%$ of baseline)
2001-0 grams / square meter ( $0 \%$ of baseline)
A review of these data reveals a dramatic reduction in aquatic weed biomass starting in 1995 and continuing through 1997 at which point virtually all aquatic weeds, except for filamentous algae, had disappeared. This level of control was far in excess of the pre stocking target of a $70 \%$ reduction in aquatic weed biomass.

To monitor the status of fish populations at Lake Mahopac, the Region 3 Fisheries Unit conducted nighttime spring electrofishing surveys in 1994, 1997, 1999 and 2004. Each year electrofishing effort consisted of a total of from 2.03 -2.73 hours of nighttime sampling which was done in several runs distributed around the lake's shoreline. Catch rates per hour for selected size groups of largemouth bass, the principal gamefish at Lake Mahopac, were as follows:

| Largemouth bass | $\underline{T o t a l}$ | $\frac{\text { Stock }}{>=8^{\prime \prime}}$ | $\frac{\text { Quality }}{>=12^{\prime \prime}}$ | $\frac{\text { Preferred }}{>=15^{\prime \prime}}$ |
| :--- | :--- | :--- | :--- | :--- |
| 1994 | 107.9 | 101.5 | 88.2 | 62.6 |
| 1997 | 94.2 | 91.6 | 60.9 | 37.3 |
| 1999 | 76.0 | 24.9 | 70.7 | 32.0 |
| 2004 | 24.9 |  | 23.4 | 20.1 |

A review of these data reveals a steady decline in catch rates of largemouth bass, especially when catch rates from 1999 and 2004 are compared. Since largemouth bass are a species generally associated with weed beds it is likely

# AFS - New York Chapter Newsletter -- December 2004 

## Upcoming Events

Tri-Society Meeting: Watersheds: Preservation, Restoration, and Management of Our Landscape Syracuse, NY. February 3-4, 2005 707-923-7501
$11^{\text {th }}$ Annual Whirling Disease Symposium, Denver, Co. February 3-4, 2005. Contact Wanda McCarthy, whirling@men.net 406-585-0860
$2^{\text {nd }}$ Nat'l Fisheries Mgt Conference: Managing Our Nation's Fisheries - Past, Present, Future, Wash. DC March 24-26, 2005 www.managingfisheries.org 707-923-7501
$23^{\text {rd }}$ Annual Salmonid Restoration Conference, Fortuna, CA March 30-April 2 www.calsalmon.org
AFS East Coast Trout Culture and Management Workshop IV, Lock Haven, PA. June 6-8, 2005
Contact Larry Mohn, Larry.Mohn@dgif.virginia.gov, 540/248-9360
AFS $135^{\text {th }}$ Annual Meeting, Anchorage, AK. September 11-15, 2005 Contact Betsy Fritz, bfritz@fisheries.org 301-897-8616

## Miscellaneous

Inland Fishes of New York State (by C.L. Smith 1985) is out of print, but available as 2 pdf files on the NYS Library website
(http://nysl.nysed.gov ) or shortcut to: http://purl.org/net/nysl/nysdocs/13881714 .
Freshwater Fishes of the Northeastern United States field guide by Dr. Werner. The Syracuse Univ. Press. Available from Syracuse U. Press (www.syracuseuniversitypress.syr.edu) or Amazon Books http://www.amazon.com

Global Warming? An angler reported that he had caught a 9 -inch Oscar on August 29, 2004 at the Bashakill Marsh Wildlife Management Area in Sullivan County in southeastern New York. Region 3 DEC fisheries biologists confirmed the identity from the angler's photos and concluded that the fish, a species native to South America, was probably an aquarium release and unlikely to survive NY winters

## Jobs

Recreational Fisheries Specialists (2 positions available).
Position: Positions are with the New York Sea Grant Extension Program, a part of Cornell Cooperative Extension. Two positions are available; one in Long Island City, Queens, New York, and the other in Stony Brook, Long Island (please indicate location preference or whether either location is acceptable). Major responsibility is to work closely with the New York State Department of Environmental Conservation to implement the "I Fish New York" program. Duties include planning, implementing, and evaluating an educational fishing program for youth and adults in a variety of settings including outdoor clinics and schools. Develop educational support materials including new fact sheets and curriculum materials. Topics covered include angling skills, fish biology and fisheries management, angling ethics, and seafood safety. Develop marketing tools and strategies for the program, and conduct program evaluations. Work with the I Fish New York Team, serving as a member of the Sea Grant Marine District Staff.

# AFS - New York Chapter Newsletter -- December 2004 

## Candidates for President-Elect

## John Cooper

My interest in fisheries (or at least fish) began in grade school while working with my father, especially as I was able to get out of school to do it. I completed a BA at Penn State in 1970 and started in my first full-time job with the USFWS working on the proposed Tocks Island Dam project on the Delaware River. Funding problems caused me to move to Chesapeake Biological Lab in Maryland in 1971 where I worked on the C \& D Canal striped bass assessment, several entrainment/impingement studies, some benthic surveys, and finally as field leader for the Potomac River striped bass study in 1974. The following six years were divided among consulting companies working on Lake Erie and upper Chesapeake Bay with a few years to complete a MS degree at Frostburg State University in Maryland. Funding changes related to the 1980 Presidential election allowed me to return to Penn State where I worked as a scientific illustrator, however, the short-term nature of the project forced me into education again, this time in a graphic arts program in North Carolina which I completed in 1983. I was fortunate to find a fisheries position at East Carolina University where I remained for ten years working on a menhaden purse seine study, assessments of phosphate mining effects on estuarine wetlands, an eight-year study of river flow regulation on striped bass eggs and larvae, and a benthic biocriteria assessment of paper plant operations on the Roanoke River. During my time at ECU I became involved with the organization of the Tidewater Chapter of AFS in which I served as President (1988), newsletter editor (1989-1993) and on several committees. I moved to New York in 1993 to start my PhD program at ESF working on pike and muskellunge early life history with Bob Werner. I finished my degree in 2000 and have pursued various projects through ESF and Cornell University, most recently on an assessment of the effects of dam removal on the Salmon River (Franklin Co.). I feel honored to be considered as a candidate for President of the New York Chapter.

## Michael Flaherty

Michael J. Flaherty grew up in Illinois, spending most of his spare time fishing there as well as in Wisconsin, Michigan and Northwest Ontario. Mike graduated with a B.A. in biology from Ripon College (WI) in 1987. He continued his education, receiving an M.S. degree from the Department of Fisheries and Wildlife at Michigan State University. His M.S. thesis assessed the potential for interspecific competition between bass and suckers in warmwater rivers. Since 1990, Mike has worked as an Aquatic Biologist in New York State Dept. of Environmental Conservation's Bureau of Fisheries, Region 3 office in New Paltz. Mike's primary responsibility is managing the diverse public fishing resources of Ulster County which include trout streams within and outside of the Catskill forest preserve, a two-story NYC reservoir fishery, several moderate sized warmwater streams and numerous small lakes and streams. He is very involved in managing reservoir tailwater trout fisheries, such as Esopus Creek. Mike serves on task groups involving multiple DEC regions and Divisions, municipalities, universities, attorneys, consultants and varied user groups on water release protocols to protect and enhance the water quality/quantity released for fisheries and other needs. Since 1998, Mike has lead the Hudson River Black Bass Workgroup. Mike leads Region 3's review of applications for permits to stock triploid grass carp. Mike participates in training and workshops within DEC and AFS to keep informed of advances in fisheries science.

Mike joined the MI Chapter of AFS as a student in 1988 and the New York Chapter in 1990. He is an AFS life member and belongs to multiple sections (Fisheries Management, Introduced Fish, Canadian Aquatic Resources, Computer Users). Mike has attended many annual chapter meetings, multiple annual parent society meetings and Northeast and Midwest Fish and Wildlife Conferences. Mike presented papers at the annual meeting of the Michigan Chapter of AFS, the Northeast Fish and Wildlife Conference, and AFS annual meeting in St. Louis at the Black Bass 2000 Symposium.

Mike has served his local community as a baseball coach, a Cub Scout Pack Committee Chairman, and serves on the Board of Directors and as Vice President of Southeast Ulster County YMCA, and as a Board Member of Genesis Foundation (a charitable foundation).

Mike realizes that it is a testament to the hard work that has already taken place that Lake Placid, New York, has been selected as the site for the 2006 annual meeting. (New York State has hosted the AFS Annual Meeting only five times since 1900.) Mike feels it is very important that we showcase our professionalism both locally and internationally. If elected as President-Elect for 2005 and President in 2006, Mike will be committed to doing all he can to enlist the expertise and active involvement of the entire membership of our Chapter to help ensure that NY is an excellent host. An opportunity will be present for many of our Student Chapter members to have the opportunity to participate in an annual meeting and contribute to its success. Mike will endeavor to recruit new members (particularly students) to assist in preparations for the annual meeting and encourage current members to play an active role in the annual meeting. This will hopefully be a catalyst for further involvement in NYCASF well beyond 2006. Despite the dedication of time and commitment that is necessitated by hosting the 2006 annual meeting, Mike vows to not lose track of regular meetings and chapter business that must be conducted at the same time.

# AFS - New York Chapter Newsletter -- December 2004 

Applicatlon for Membership

## NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY

[Note: Information provided will be used in the membership directory]


| Would you be willing to recelve all Chapter communications vla email? | 0 Yes 0 No |
| :--- | :--- | :--- | :--- |
| Are you a member of the American Fisherles Soclety (Parent Society)? | O Yes 0 No |

Whlch of the following committees can depend on your service thls next year?

| O | Environmental Concerns |
| :--- | :--- |
| 0 | Student Sub-unit |
| 0 | Finance Committee |
| O | Program Commititee |
| O | Youth Educatior |


| 0 | Resolutions Committee |
| :--- | :--- |
| 0 | Native Peoples Fisheries |
| 0 | Professional Oiversity |
| O | Professional Incentives |

- Newsletter Staff

Environmental Concerns
O Native Peoples Fisheries
O Professional Incentives
O Membership Committee
O Nominating Committer

- Program Commiptee

Protesional

- Workshop Committee

Make checks payable to New York Chapter AFS. Send this form and your check to:

```
Mr. John Horna, Jr.
NYAFS Secretary/Tneasurer
C/O Ichthyologlcal Associates, Inc.
50 Ludlowville Road
Lansing, NY 14882, (607) 533-8801
```

Please note: The number 2001,2002, OR 2003, on your current mailing label denotes your status. For current voling ellgibility, you slould have 2004 on your mailing label. There will be a $\$ 20.00$ serviece charge for all checks returned due to Insuficient funds.

0 I need a recelpt for membership in the New York Chapter of the Amencan Fishertes Society

Name [Picase type or prind neatly bofore submitting form for processing]
O Professional Membershlp [ ${ }^{210.00}$ ] O Student Membership [ ${ }^{5} 5.00$ ]

Received by John Homa, Jr., Secratary/freasurer NYCAFS

Date
Can't Attud tominum


$$
\leftrightarrow \text { pinewlel vs }
$$

Cooncel $\rightarrow$ Ychur ticat $\rightarrow$
Retinn Rett $\rightarrow$ veng low
$\rightarrow$ Firewill Lovednlt let thru

$$
\begin{aligned}
& \{\text { Diret }=\text { art foom Morrerille } \\
& \text { ti Now Chegt Litt }
\end{aligned}
$$

$$
\left\{\begin{array}{l}
\text { tial in bich Bulb } 3 \\
\text { i Sept } \rightarrow 28 \text { thaley }
\end{array}\right.
$$

30 Replies $\rightarrow$
(0) Dileto $\rightarrow$ everythng $\Rightarrow$

$$
\begin{aligned}
& \text {, } 25 \text { 早 } 141, \operatorname{ler}_{\text {ell } 1,00} \\
& \text { (*) Rewrite } \\
& \text { - B.Il Snyder } 3 \\
& 684-6237256-7969 \text { (824) }
\end{aligned}
$$

|  |  | name | email |
| :---: | :---: | :---: | :---: |
| 1 | 1 | MACK, ALAN | ADMACK@GW.DEC.STATE.NY.US |
| 2 | 1 | VANDEVALK, ANTHONY J | ajv6@cornell.edu |
| 3 | 1 | PETERSON, ALLEN M. | ampeterson@ nyseg.com |
| 4 | 1 | RICHARDSON ALICE | aprichar@gw.dec.state.ny.us |
| 5 | 1 | KNUTH, BARBARA | bak3@cornell.edu |
| 6 | 1 | HAMMERS, BRAD | behammer@gw.dec.state.ny.us |
| 7 | 1 | LANTRY, BRIAN | bflantry@usgs.gov |
| 8 | 1 | SCHOCH, WILLIAM F | bxschoch@gw.dec.state.ny.us |
| 9 | 1 | GUTHRIE, CHART | caguthri@gw.dec.state.ny.us |
| 10 | 1 | APSE, COLIN | capse@tnc.org |
| 11 | 1 | VANMAAREN, CHRIS | ccvanmaa@gw.dec.state.ny.us |
| 12 | 1 | CHEEVER, JASON | cheevej527@cobleskill.edu |
| 13 | 1 | COOPER, JOHN E. | coopres@gisco.net |
| 14 | 1 | KWASNOWSKI, DAN | dan.kwasnowski@devinetarbell.com |
| 15 | 1 | DAKIN, DAVID D. | david_dakin@rge.com |
| 16 | 1 | DITTMAN, DAWN E. | dawn_dittman@usgs.gov |
| 17 | 1 | MACNEILL, DAVE | dbm@cornell.edu |
| 18 | 1 | CRABTREE, DARRAN | dcrabtree@tnc.org |
| 19 | 1 | LEMON, DAVID K. | dklemon@gw.dec.state.ny.us |
| 20 | 1 | BISHOP, DANIEL | dlbishop@gw.dec.state.ny.us |
| 21 | 1 | STANG, DOUGLAS L. | dxstang@gw.dec.state.ny.us |
| 22 | 1 | PAUL, ERIC A. | eapaul@gw.dec.state.ny.us |
| 23 | 1 | MILLS, EDWARD | elm5@cornell.edu |
| 24 | 1 | HENSON, FRED | fghenson@gw.dec.state.ny.us |
| 25 | 1 | BLACKBURN, IAN R. | IAN.BLACKBURN @KleinschmidtUSA.com |
| 26 | 1 | HOMA, JOHN | IALansing@aol.com |
| 27 | 1 | DALEY, JIM | jgdaley@gw.dec.state.ny.us |
| 28 | 1 | MC KENNA JR., JAMES E. | jim_mckenna@usgs.gov |
| 29 | 1 | HASSE, JOHN J. | jjhasse@gw.dec.state.ny.us |
| 30 | 1 | LEPAK, JESSE | jmi78@cornell.edu |
| 31 |  | ROBINSON, JASON | jmr68@cornel.edu |
| 32 | 1 | WAUD, JOHN | jmwscl@ rit.edu |
| 33 | 1 | MESCHINO, JOELLE N . | jnmeschi@gw.dec.state.ny.us |
| 34 | 1 | LIMBURG, KARIN E. | klimburg@esf.edu |
| 35 | 1 | KURTENBACK, JIM | kurtenbach.james@epa.gov |
| 36 | 1 | SURPRENANT, LESLIE J. | ljsurpre@gw.dec.state.ny.us |
| 37 | 1 | ARRIGO, MARK A. | marrigo@ecologicllc.com |
| 38 | 1 | WILKINSON, MICHAEL A | mawilkin@gw.dec.state.ny.us |
| 39 | 1 | SPADA, MICHAEL E. | mespada @ upstatefreshwater.org |
| 40 | 1 | CONNERTON, MICHAEL | mjconner@mailbox.syr.edu |
| 41 | 1 | SANDERSON, MATT | mjsander@gw.dec.state.ny.us |
| 42 | 1 | DEAN, MICAH | msd44@cornell.edu |
| 43 | , | VAAS, CARL RANDY | navypap@twcny.rr.com |
| 44 | 1 | MC KEOWN, PAUL E | pemckeow@gw.dec.state.ny.us |
| 45 |  | BOWSER, PAUL R | prb4@cornell.edu |
| 46 |  | SAWYKO, PAUL M. | psawyko@aol.com |
| 47 |  | WERNER, ROBERT G. | rgwerner@adelphia.net |
| 48 | 1 | O'GORMAN, ROBERT | robert_o'gorman@usgs.gov |
| 49 | 1 | ESSIG, RON | ron_essif @fws.gov |
| 50 | 1 | PREALL, RICHARD | rxpreall@gw.dec.state.ny.us |
| 51 |  | CORNETT, SCOTT | sccornet@gw.dec.state.ny.us |


| 52 |  | SHUPE, SCOTT D. | scott.shupe@us.ngrid.com |
| :---: | :---: | :---: | :---: |
| 53 | , | HURST, STEPHEN S. | sshurst@gw.dec.state.ny.us |
| 54 | 1 | JONES, SCOTT A. | Tarbel Devine email |
| 55 | 1 | FIELD, THOMAS C. | tcfield@capital.net |
| 56 | 1 | BROOKING, THOMAS E. | teb1 @ cornell.edu |
| 57 | 1 | MIHUC, TIM | timothy.mihuc@plattsburgh.edu |
| 58 | 1 | TROTTA, LAURIE A.. | trottala@morrisville.edu |
| 59 | 1 | PEARSALL, WEBSTER | wepearsa@gw.dec.state.ny.us |
| 60 | 1 | GORDON, BILL | whgordon@gw.dec.state.ny.us |
| 61 | 1 | GOEHLE, MICHAEL A | michael_goehle@fws.gov |
|  |  |  |  |
|  | Bounced |  |  |
| 1 | 2 | DICKSON, BRUCE | bdickson@ datastore.ca |
| 2 | 2 | COULTER, RYAN | coulter@cobleskill.edu |
| 3 | 2 | DELUCIMA, MAR-BETH | Delucima@cwu.edu |
| 4 |  | CAPOZZA, NICHOLAS | DSNCAPO@Lake.Onondaga.ny.us |
| 5 | 2 | VANNEDERYRU, CORY | fighontimmy@yahoo.com |
| 6 | 2 | HAND JP., DANIEL B. | handd526@cobleskill.edu |
| 7 | 2 | FARREL, KIM | kim.farrel@ny.usda.gov |
| 8 | 2 | WILLMAN, DAN | luv2fsh@midtel.net |
| 9 | 2 | SOWINSKI, MICHAEL P | mike_sowinski@fws.gov |
| 10 | 2 | SMITH, TAMARA | tas23@cornell.edu |
| 11 | 2 | VICKERS, RACHEL | U2CVR@yahoo.com |
|  |  |  |  |
|  | No Reponse |  |  |
| 1 |  | HASSE, ANDREW | andyhasse@yahoo.com |
| 2 |  | SCHIAVONE, ALBERT | axschiav@gw.dec.state.ny.us |
| 3 |  | WAGNER, BRUCE | bawagner@upstatefreshwater.org |
| 4 |  | WEIDEL, BRIAN C. | bcw3@cornell.edu |
| 5 |  | BERAN, BOB | beran@aquascape-env.com |
| 6 |  | IRWIN, BRIAN | bji4@cornell.edu |
| 7 |  | BOSCARINO, BRENT | blb32@cornell.edu |
| 8 |  | $\mathrm{ZHU}, \mathrm{BIN}$ | bzhu@syr.edu |
| 9 |  | KELLY, CHARLES | cdkelly@gw.dec.state.ny.us |
| 10 |  | CASTIGLIONE, CHRIS | chris_castiglione@fws.gov |
| 11 |  | COGHLAN JR., STEPHEN M. | clapton18@hotmail.com |
| 12 |  | NEWMAN, DAWN S. | dawn.n@mindspring.com |
| 13 |  | STEWART, DONALD J. | djstewar@mailbox.syr.edu |
| 14 |  | CARLSON, DOUGLAS M. | dmcarlso@gw.dec.state.ny.us |
| 15 |  | MC DONALD, RICHARD P. | dmcdonald@usgs.gov |
| 16 |  | EINHOUSE, DONALD W. | dweinhou@gw.dec.state.ny.us |
| 17 |  | WOLTMANN, EDWARD | efwoltman@gw.dec.state.ny.us |
| 18 |  | ZOLLWEG, EMILY C. | emily_zollweg@iws.gov |
| 19 |  | ANTALEK, JESSICA | gekko@nycap.rr.com |
| 20 |  | KOZLOWSKI, GREG | gekozlow@ gw.dec.state.ny.us |
| 21 |  | GORDON, AARON | gordon22lax@Yahoo.com |
| 22 |  | SIMONIN, HOWARD A. | hasimoni@dec.state.ny.us |
| 23 |  | HOLDFORTH, TIM | holdforthtj@ hotmail.com |
| 24 |  | MARKHAM, JIM | jlmarkham@gw.dec.state.ny.us |
| 25 |  | EIFERT, JOSEPH M. | jmeifert@gw.dec.state.ny.us |
| 26 |  | ELLER, JEFFREY M. | jmeller@gw.dec.state.ny.us |
| 27 |  | FARRELL, JOHN M. | jmfarrell@esf.edu |


| 28 | JACKSON, JAMES | jrj26@cornell.edu |
| :--- | :--- | :--- |
|  | SKINNER, LARRY | Ixskinne@gw.dec.state.ny.us |
| 30 | DEL PUERTO, MARCELO | mjdelpue@gw.dec.state.ny.us |
| 31 | CONNERTON, MOLLY | molly.connerton@ny.usda.gov |
| 32 | DRISCOLL, MEGAN | mxdrisco@gw.dec.state.ny.us |
| 33 | THOMPSON, PATRICIA F. | pfthom01@syr.edu |
| 34 | FESTA, PATRICK J. | pxfesta@gw.dec.state.ny.us |
| 36 | HULBERT, PHILIP | pxhulber@gw.dec.state.ny.us |
| 37 | KLUMB, ROBERT A | rak11@cornell.edu |
| 38 | KRUEGER, SCOTT | sdk24@cornell.edu |
| 39 | DAVIDSON, SARAH | sharkwranglr@hotmail.com |
| 40 | HARDIN, SUSAN | swoo123@yahoo.com |
| 41 | HUGHES, THOMAS C. | tchughes@gw.dec.state.ny.us |
| 42 | WEDGE, LESLIE | toadfish@earthlink.net |
|  |  |  | $-9 \cdot 16$



| 2 ESSIG, RON | ron essif@fws.gov |
| :---: | :---: |
| 2 JONES, SCOTT A. | Scott.jones@kleinschmidtUSA.com |
| 2 SMITH, TAMARA | tas23@cornell.edu |
| 2 VICKERS, RACHEL | U2CVR@yahoo.com |
| NO REPLY YET |  |
| VANDEVALK, ANTHONY J | ajv6@cornell.edu |
| HASSE, ANDREW | andyhasse@yahoo.com |
| RICHARDSON ALICE | aprichar@gw.dec.state.ny.us |
| SCHIAVONE, ALBERT | axschiav@gw.dec.state.ny.us |
| WAGNER, BRUCE | bawagner@upstatefreshwater.org |
| WEIDEL, BRIAN C. | bcw3@cornell.edu |
| HAMMERS, BRAD | behammer@gw.dec.state.ny.us |
| BERAN, BOB | beran@aquascape-env.com |
| IRWIN, BRIAN | bji4@cornell.edu |
| BOSCARINO, BRENT | blb32@cornell.edu |
| APSE, COLIN | bzhu@syr.edu |
| KELLY, CHARLES | capse@tnc.org |
| CHEEVER, JASON | cdkelly@gw.dec.state.ny.us |
| CASTIGLIONE, CHRIS | chris_castiglione@fws.gov |
| COGHLAN JR., STEPHEN M. | clapton18@hotmail.com |
| COOPIN, DAVID D. | coopres@gisco.net |
| STEWART, DONALD J. | dawn.n@mindspring.com |
| BISHOP, DANIEL | djstewar@mailbox.syr.edu |
| CARLSON, DOUGLAS M. | dmcarlso@gw.dec.state.ny.us |
| MC DONALD, RICHARD P. | dmcdonald@usgs.gov |
| EINHOUSE, DONALD W. | dweinhou@gw.dec.state.ny.us |
| ZOLLWEG, EMILY C. | efwoltman@gw.dec.state.ny.us |
| HENSON, FRED | emily_zollweg@fws.gov |
| ANTALEK, JESSICA | gekko@nycap.rr.com |
| KOZLOWSKI, GREG | gekozlow@gw.dec.state.ny.us |
| GORDON, AARON | gordon22lax@Yahoo.com |
| SIMOLIN, HOWARD A. | hasimoni@dec.state.ny.us |
| MARKHAM, JIM | holdforthtj@hotmail.com |
| EIFERT, JOSEPH M. | jimarkham@gw.dec.state.ny.us |
| ELLER, JEFFREY M. | jmeller@gw.dec.state.ny.us |
| FARRELL, JOHN M. | jmfarrell@esf.edu |
| JACKSON, JAMES | jij26@cornell.edu |
| LIMBURG, KARIN E. | klimburg@esf.edu |
| SKINNER, LARRY | kurtenbach.james@epa.gov |
| GOEHLE, MICHAEL A | Ixskinne@gw.dec.state.ny.us |
| DEL PUERTO, MARCELO | mjdelpue@gw.dec.state.ny.us |
| SANDERSON, MATT | mjsander@gw.dec.state.ny.us |
| CONNERTON, MOLLY | molly.connerton@ny.usda.gov |
| VAAS, CARL RANDY | mxdrisco@gw.dec.state.ny.us |


|  | THOMPSON, PATRICIA F. | pfthom01@syr.edu |
| :--- | :--- | :--- |
|  | FESTA, PATRICK J. | pxfesta@gw.dec.state.ny.us |
|  | HULBERT, PHILIP | pxhulber@gw.dec.state.ny.us |
|  | KLUMB, ROBERT A | rak11@cornell.edu |
|  | KRUEGER, SCOTT | sdk24@cornell.edu |
|  | DAVIDSON, SARAH | sharkwranglr@hotmail.com |
|  | HURST, STEPHEN S. | sshurst@gw.dec.state.ny.us |
|  | HARDIN, SUSAN | swoo123@yahoo.com |
|  | FIELD, THOMAS C. | tcfield@capital.net |
|  | HUGHES, THOMAS C. | tchughes@gw.dec.state.ny.us |
|  | BROOKING, THOMAS E. | teb1@cornell.edu |
|  | MIHUC, TIM | timothy.mihuc@plattsburgh.edu |
|  | WEDGE, LESLIE | toadfish@earthlink.net |
|  | GORDON, BILL | whgordon@gw.dec.state.ny.us |
|  | DEMONG, LEO |  |
|  | MAYER, CHRISTINE M |  |

## Change of Officer Report

Pennsylvania Chapter, American Fisheries Society
Officer Change Date: May 22, 2004
Term in Office: From Year: 2004
To Year: 2005

| President | Walter C. Holtsmaster 426 Moose Run Rd. Bellefonte, PA 16823 (814) 359-5153 mailto:wholtsmast@state.pa.us |
| :---: | :---: |
| President-elect | John Arway <br> PA Fish and Boat Commission 450 Robinson Lane Pleäsant Gap, PA 16832 814-359-5140 814-359-5175 (FAX) mailto:jarway@state.pa.us |
| Secretary-Treasurer | Michael L. Hendricks PA Fish and Boat Commission 1735 Shiloh Rd. <br> State College, PA 16801 <br> (814) 353-2226 <br> (814) 355-8264 (FAX) <br> mailto:mihendrick@state.pa.us |
| Past President | Richard W. Soderberg <br> Mansfield University Fisheries <br> Mansfield, PA 16933 <br> (570) 662-4539 <br> RSODERBE@MNSFLD.EDU |
| Student Representative | Caleb Tzilkowski 5412 Winchester Rd. Petersburg, PA 16669 814-863-1982 814-863-7193 (Fax) mailto:Cit111@psu.edu |
| Webmaster | Cara Campbell USGS/Leetown Science Center Northern Appalachian Research Laboratory RD \#4, Box 63 <br> Wellsboro, PA 16901-9217 (570) 724-3322 <br> mailto:ccampbell@usgs.gov |

Membuship 1sF Munter smitty
sel fanden
Ushis.
simonow
Eni Pall Kader
Dodin Meschino
Phil it
Enllyar
Enhaic
Manchem
Lemon
Bill Gork
Fach
Cablson
Richanlan
Petason
Forsten
Daw Gorde Sthiavon
Mr.L.
spada
Goeph
Broch
Sample
Blachber KA
KWasnouski DTA
Castinlonem

$$
10^{\circ}=
$$

$$
10=
$$

$$
10^{\circ e}
$$

$$
10 \text { "ㅡㅡㄹ }
$$



$$
1 . \infty
$$

$$
10 \div
$$

$$
10^{\circ 1}
$$

$$
10^{\circ}
$$

$$
10^{\prime \prime}
$$

$$
10^{\circ}
$$

$$
10^{\circ}
$$

$$
10-
$$

$$
10-
$$

$$
10^{-}
$$

$$
10^{-}
$$

$$
10-
$$

$$
10 . \pi
$$

$$
10^{-}
$$

$$
10-
$$

$$
10-
$$

$$
10^{-}
$$

yo

$$
10-
$$

Arual Mot
Wand
Essig
Kruejer
Cubtru

Couler
Vor Nedeym
Tonen
Tamieron
Somarille
Skudlarch
Michasion
Beasly
Boscanné
Sowingla
Davidren
An tahl
Vichen
Cheera
Rabiver
Lepale
Amon Gordra
Ander Itane


## AFS - New York Chapter Newsletter

## Application for Membership


(Note: Information provided will be used in the membership directory)


Regular (\$10.00)
 Student (\$5.00) $\qquad$
Student applications must be endorsed by a faculty member $\qquad$
City/State/Zip: $\qquad$
Employer/Affiliation/School VT Fish+ Wildlife Dept

Telephone: Work: 802-879-5697
Fax: $802-879-3871$

Home: 802-899-4276
email: brian.chipman@anr.state.vt.us No $\qquad$
Are you a member of the American Fisheries Society (Parent Society)? Yes $\qquad$ NYCAFS new membership? $\qquad$ Last year you were a paid member? $\qquad$
Would you be interested in serving on any of the NYCAFS Committees? If so please check which committees would interest you.


RECEIPT FOR MEMBERSHIP IN NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
Name: $\qquad$ Regular (\$10.00) $\qquad$ Student (\$5.00) $\qquad$
Received by: $\qquad$ Date: $\qquad$



## Application for Membership

NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
[Note: Information provided will be used in the membership directory]


Employer/Affiliation/School

## Application is for:

O Professional Membership [\$10.00]

- Mew membership
(4) renewal membership

O Student Membership [\$5.00]

Faculty Member endorsement [legible signature required]

Would you be willing to receive all Chapter communications via email?
O Yes O No

- Yes O No

Are you a member of the American Fisheries Society (Parent Society)?
Which of the following committees can depend on your service this next year?

| O | Environmental Concerns | O |
| :--- | :--- | :--- |
| O | Student Sub-unit | O |
| O Finance Committee | Native |  |
| O Program Commitee | Profes |  |
| O Youth Education |  |  |
|  |  |  |
| Make checks paya'Jle to New York Chapter |  |  |
| Mr. John Homa, Jr. |  |  |
| NYAFS Secretary/Treasurer |  |  |
| C/O Ichthyological Associates, Inc. |  |  |
| 50 Ludlowville Road |  |  |
| Lansing, NY 14882, (607) 533-8801 |  |  |

Please note: The number 2001,2002, OR 2003, on your current mailing label denotes your status. For current voting eligibility, you should have 2004 on your mailing label. There will be a $\$ 20.00$ service charge for all checks returned due to insufficient funds.

O I need a receipt for membership in the New York Chapter of the American Fisheries Society

Name [Please type or print neatly before submitting form for processing]
O Professional Membership [ ${ }^{\$ 10.00}$ ] O Student Membership [ $\$ 5.00$ ]

Received by John Homa, Jr., Secretary/Treasurer NYCAFS

Date
[Note: Information provided will be used in the membership directory]


Make checks payajle to New York Chapter AFS. Send this form and your check to:
Mr. John Homa, Jr. NYAFS Secretary/Treasurer C/O Ichthyological Associates, Inc.
50 Ludlowville Road
Lansing, NY 14882, (607) 533-8801
Please note: The number 2001,2002, OR 20033, on your current mailing label denotes your status. For curreit voting eligibility, you should have 2004 on your mailing label. There will be a $\$ 20.00$ service charge for all checks returned due to insufficient funds.

O I need a receipt for membership in the New York Chapter of the American Fisheries Society

Name [Please type or print neatly before submitting form for processing]
O Professional Membership [\$10.00] O Student Membership [\$5.00]

Received by John Homa, Jr., Secretary/Treasurer NYCAFS

Date

# AFS - New York Chapter Newsletter 

## Application for Membership


(Note: Information provided will be used in the membership directory)

Name: EDMUND SANDER
Address: 368 TITUS AVE. Regular (\$10.00) $\qquad$ Student (\$5.00) $\qquad$
Student applications must be endorsed by a faculty member $\qquad$
City/State/Zip: ROCHESTER, NY 14617-3816
Employer/Affiliation/School
RETIRED
Telephone: Work: $\qquad$ Home: $\qquad$
Fax: $\qquad$ email: esander@rochester, rr.com
Are you a member of the American Fisheries Society (Parent Society)? Yes $\qquad$ No $\qquad$ NYCAFS new membership? $\qquad$ Last year you were a paid member? Yes

Would you be interested in serving on any of the NYCAFS Committees? If so please check which committees would interest you.

Environmental Concerns
Resolutions Committee
$\qquad$ Membership Committee $\qquad$ Finance Committee Professional Diversity Nominating Committee $\qquad$
$\qquad$
$\qquad$
Newsletter Staff
$\qquad$ s

Student Sub-unit
Native Peoples Fisheries
$\qquad$

Make checks payable to New York Chapter AFS. Sent this form and your check to:
John Homa, Jr., Secretary/Treasurer, C/O Ichthyological Associates, Inc.
50 Ludlowville Road, Lansing, NY 14882, (607) 533-8801
 STATUS. TO BE A CURE

## RECEIPT FOR MEMBER

Name: $\qquad$
Received by: $\qquad$

$\qquad$
$\qquad$
$\qquad$ Program Committee
Professional Incentives
Workshop Committee
Youth Education Program Committee
Professional Incentives
Workshop Committee
Youth Education Program Committee
Professional Incentives
Workshop Committee
Youth Education .

STATE OF N.Y. DEPT.




Subj: NYCAFS Information for National Meeting Bank Account
7ate: 7/29/2004
o: jgdaley@gw.dec.state.ny.us
CC: whgordon@gw.dec.state.ny.us, Scott.Jones@DevineTarbell.com, jim_mckenna@usgs.gov, wepearsa@gw.dec.state.ny.us (Web Pearsall)

Jim:
As per our discussion.
The IRS assigned the chapter's employer identification number 16-1082207 on 04-08-77.
Our official name is New York Chapter of the American Fisheries Society.
The chapter holds a valid exempt organization certificate \#EX 183417.
My name is John Homa, Jr.
DOB is $01-31-51$, Binghamton, NY
NYS Drivers License ID 802365327
I am a US citizen.
I hope the above is useful
You may want to give me a call before you head out to the bank; that way if I'm available, I can stay around and fax, supply additional information, if needed.

## NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY

' Jhn Homa, Jr., Sec./Treas.
v/O Ichthyological Associates, Inc.
50 Ludlowville Road, Lansing, NY 14583
Phone: 607_533_8801 Fax:607_533_8804
ialansing@aol.com
"BUSINESS" TAX ID NUMBER 16-1082207
ter One Bank, N.A.
be herein known as the ("Bank").

## ACCOUNT TYPE Voluntary Organization

BUSINESS Name AFS MEETING 2006
Address NYS DEC BUREAU OF FISHERIES 625 BROADWAY
City/State/Zip ALBANY NY 12233-4753
Phone Number (518) 402-8959
Certification - Under penalties of perjury, I certify that:

1. The number shown on this form is the business's correct taxpayer identification number (or I am waiting for a number to be issued to the business), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service ("IRS") that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. person (including U.S. resident alien).

Certification Instructions - You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest a dividends, you are not required to sign the Certification, but you must provide your correct TN.

## DEPOSIT ACCOUNT AGREEMENT

The undersigned ("Depositor") on behalf of the entity hereby agrees to open the type account identified above ("Account") with Charter One Bank, N.A. ("Bank"). The rights, obligations and responsibilities of Depositor and Bank regarding the Account shall be governed by the Deposit Account Agreement which shall include the terms and conditions set forth in both this document and the Additional Terms and Conditions For Business Accounts. Where applicable, the singular shall include the plural.
By signing this document, Depositor acknowledges that: (i) he/she has read the terms contained in this document and (ii) he/she has received and had an opportunity to read the Additional Terms and Conditions for Business Accounts. FURTHER, DEPOSITOR AGREES TO BE BOUND BY THE TERMS AND CONDITIONS OF THE DEPOSIT ACCOUNT AGREEMENT, INCLUDING THE STIPULATION TO RESOLUTION ~一 DISPUTES BY ARBITRATION AND THE BANK'S RIGHT TO AMEND THE DEPOSIT ACCOUNT AGREEMENT AT ANY TIME.
.... B
The Internal Revenue Service does not require your consent to any provision of this document other than the certification required to avoid backup witholding.

Number of Signatures Required for Withdrawal: 1
AUTHORIZED SIGNATURES

| I. Name | JAMES G DALEY |
| :--- | :--- |
|  | DOB 04/24/1964 |
| 2. Name | EDWARD WOLTMANN |
|  | DOB 01/01/1959 |
| 3. Name | JOHN HOMA JR |
|  | DOB 01/31/1951 |



For Completion By sole owner of a solely owned Corporation; Manager or two or more Members of a Limited Liability Company; partner of a Limited Partnership; or all partners of a General Partnership.
The Bank is designated a depository of the entity, and is authorized to act on any writings bearing the authorized signatures.
Dated: 08/05/2004

Signature
Title $\qquad$ Signature Title $\qquad$

For Completion By the Secretary of the Corporation or unincorporated association.
jeby certify that the signatures on this document are genuine and that the persons whose signatures appear on the authorization hold the position or title so indicated.



Internal Reyenue Service


American Fisineries Society 1319 18th Street，N．T． $>$ Washington，D．C． 20035

Gertlerser：
 FIIng inder section 501（c）（3）万F the Intemal kevente Code of 1954.

Cur zecords shovy your recosnition of exemption from Eederal income tax under section 501（c）（3）of the Code was affimed by a deteminetion letter dated Augrst 26， 1968 ．

Besed on infomation supplied，we recognize your ramed scibordinates on the iist you submitted as exempt from Eederal income tax under section 501（c）（3）of the Code．

Adiitionally，we hare classifisa the organizations
 by your notifications to us，es Dreanizations that are
 the Code．

You are requized to file Fom 990，Retun of Organi－ zation Exempt From Income Tar，only if your gross receipts each year ore nomally more then $\$ 5,000$ ．If a return is renuirsd，it must be of vour annuzl account of the fifth la＊inposes a penalty of sin anday，acounting pericd．The $\$ 3,000$ ，F゙or Fiailure to file the refusn on tine．

Each of your exempt subordinates having annual gyoss receipts nomally more then $\$ 5,000$ ，is also required to file Fom 990 by the 15 th day of the fifth month after the end of its annual accounting geriod，unless you include
the subordinate in a group return, The law also imposes on the subordinate the penalty of $\$ 10$ a day, up to a maximum of $\$ 5,000$, for failure to file a return on time.

Your exempt subordinates are not required to file Federal income tax returns unless they are subject to the tax on unrelated business income under gection 511 of the Code. If the exempt subordinates are subject to this tax, they must file an income tay return on Form 990-I. In this letter we are not detemining whether any of their activities is unrelated trade or business as defined in section 513 of the code.

Your sưordinates are not liable for gocial security (IICA) taxes unless they file a waiver of exemption certificate as provided in the Federal Insurance Contributions Aci. They are not liable for taxes imposed under the Federal Unemployment Tax Act (FUTA). Eowever, you and your subordinates are required to withhold Federal income taxes of your and their employees. Inquiries about the waiver of exemption certificates for social security taxes, or any quéstions concerning exeise, employment, or other Federal texes should be addressed to the District Director, Baltimore, Maryland, which is your key Districi for exempt organization matters.

Donors mey deduct contributions to your exempt subornates as provided by section 170 of the Code. Bequesis, legacies, devises, transfers, or giftes to or for the use of your ezempt subordinates are deductible for Federal estate and gift tax purposes under sections 2055, 2106 and 2522 of the Cade.

Yau should aivise each of your subordinates of the provisions of this ruling, including the requirements for Eiling information or other seturns.

Each year within 45 days after the closa of your annual accounting period, please send the fallowing to the Philadelphia Service Center, 11601 Rooserelt Boulevard, Philadelphia, Pennsylvania 19155. Attention, EOR Branch:

1. A statement describing any changes during the year in the purposes, character, or method of operation of your subordinates.
2. Lists of the mames, miling addresses, including Postal ZIP Codes, and employer idemtification numbers of subordinates that during the year
3. ebange names or addresses;
b. were deleted from your roster; or
c. were added to tes roster.
4. Far subordinates to be added, attach
a. a statement that the information upon whack your present group exemption letter is based applies to the new subordinates;
b. a statement that each has given you written autborization to add its name to the roster;
c. a list of those to which the Serpice previously issued exempifion rylings or determination letters; and
d. a statement that none of the subordinates is a priraice foundation as defined in section 509(a) of the Code; or
5. If applicable, a statement that your group exemption roster did not change during the year.

American Fisheries Society
This ruling does not apply to any of your suborndinates organized and operated in a foreign country.

This ruling latter supersedes individual ruling or determination letters issued to any of your subordinates.

He are sending your key District Director, Baitmore, Maryland, a copy of this letter.

Sincerely yours.
Mourn Ceres
Chief, Rulings section Exempt Organizations Branch

## Discrich Dircetor



American Fisheries Society Suita 2040, Wasitington Buinding I山lG New York Avenne, N. Y. Washington, D. C. 20005

## Gantlamen:

Purpose:
Addeass Inquirias and Fila Rafuma with Districi
Directar of Infarnal Revenues

Form 990-A Requireds Accounting Parlod Ending:

Educational, Charitable and Soientince
Baltinore, Maryland
图Yes $\square$ No
December 31

On the basis of your stated purposes and the understanding that your operations will continue as videnced to date or will conform to those proposed in your ruling application, we have concluded that you are exempt from Federal income tax as an organization described in section 501(c)(3) of the Internal Revenue Code. Any changes in operation from those described, or in your character or purposes, must be reported immediately to your District Director for consideration of their effect upan-your exempt status. You must also report any change in your name or address.
You are not required to file Federal income tax returns so long as you retain an exempt starus, unless you are subject to the tax on unrelated business income imposed by section 511 of the Code, in which event you are required to file Form 990-T. Our determination as to your liability for illing the annual information return, Form 990-A, is set forth above. That retum, if required, must be filed on or before the 1 Sth day of the fifth month after the close of your annual accounting periad indicated above.
Contibibutions made to you are deductible by donors as provided in section 170 of the Code. Bequests, lequeies, devises, cransfers or gifts to or for your use are deductible for Federal estate and gift rax purposes under the provisions of section 2055, 2106 and 2522 of the Code.

You are not liable for the taxes Imposed under the Federal Insurance Contributions Act (social security taxes) unless you file a waiver of exemption certificate as provided in such act. You are not liable for the tax imposed under the Federal Unemployment Tax Act. Inquiries about the waiver oi exemption cerificate for soc!al security toxes should be addressed to this office, as should any questions concerning excise, employment or ather Federal taxes.

This is a determination letter.

 tar in an organtuation described in section 501(c)(6) oit the 2954 Code is modisiacd to tine extent findicatied hereja.

Organized 1870 to Promote the Conservation. Devglopment and wise Ullizalion of the Fishertes


Richard A. Wade
Executive Director
Johanna M. Reinhart
Editor

December 19, 1972

## MEMORANDUM

To: AFS Divisions, Sections and Chapters
Erom: $\quad$ Richard A. Wade
Executive Director
Subject: Internal Revenue Service Letter (tax-exempt status)

The attached letter from the IRS is generally seIf-explanatory; however, if you have any questions concerning your Division or Chapter tax status, please contact AFS Headquarters and we will immediately request assistance in answering these questions if we ourselves cannot answer them.

Those Sections now being formed should inform this office as soon as possible if they desire to obtain tax-exempt status as provided through the blanket coverage of the parent Society.

Those Chapters receiving this notice who have not requested to be included under the blanket exemption may be so included at a later date if they so desire. Please do not delay in contacting us if you desire to receive such status.


Attachment
cc: AFS Officers
R.S. Although Employee Identification numbers for each Division and Chapter were applied for as a preliminary step to obtaining blanket tax exemption, we have not been advised of their assignment. Perhaps Divisions and Chapters were notified directly.

## Internal Revenue Service Center

Date:
April 10, $1973 \quad 33260$

D William Joseph H. Smith
c/o Stohman, Beuchert \& Egan
Union Trust Bldg.
Washington, D. C. 20000

Dear Mr. Smith:
In reply to your letter requesting Employer Identification numbers, they are as follows:

| Arizona/New Mexico Chapter | $23-7226674$ |
| :--- | :--- |
| Bonneville Chapter | $23-7226675$ |
| California/Nevada Chapter | $23-7226673$ |
| Central Penn Chapter | $23-7226669$ |
| Colorado/Wyoming Chapter | $23-7226678$ |
| Illinois Chapter | $23-7226683$ |
| Indiana Chapter | $23-7226676$ |
| Iowa Chapter | $23-7226685$ |
| Minnesota Chapter | $23-7226670$ |
| Montana Chapter | $23-7226688$ |
| Nebraska Chapter | $23-7226687$ |
| New York Chapter | $23-7226677$ |
| North Central Division | $23-7226667$ |
| Northeastern Division | $23-7226666$ |
| Oklahoma Chapter | $23-7226672$ |
| Oregon Chapter | $23-7226681$ |
| Portland (Oregon) Chapter | $23-7226680$ |
| Sacramento State College Chapter | $23-7226679$ |
| Southern Division | $23-722668$ |
| Southern New England Chapter | $23-722688$ |
| Upper Missouri River Chapter | $23-722686$ |
| Western Division | $23-7226664$ |
| Wisconsin Chapter | $23-7226684$ |

Sincerely yours,

F. O'Loughlin

Chief, Input Perfection Branch

Subj: $\quad$ Fwd: Joint Meeting Planning
Date: $\quad 8 / 20 / 2004$ 11:43:20 AM Eastern Daylight Time
rom: whgordon@gw.dec.state.ny.us
To:
CC: Emily_Zollweg@fws.gov
Good Morning: A Joint Meeting planning session has been scheduled for Aug 27th @ ( AM at the Liverpool HI (the selected meeting site).

Agenda for this meeting includes finalizing meeting contract package with hotel and bringing ESF folks on board to manage the arraingements. Part of the second issue will include setting the cost for the meeting. For this I will need some input...see the question below.

Also, we will be discussing/developing Meeting Theme. We are still leaning towards watershed topic (unless one of the other chapters has a different idea?)

I would very much appreciate it if one, two or even three of you could attend, as this looks to be a key decision making meeting. Scott, your रperience with last year's arraingements and your work location makes you a prime candidate for this, if your schedule allows of course. For the program discussion, Emily, could you attend. If Scott and/or Emily cannot attend I hope Jim or Web will be available ? Please advise.

Bill G.
William H. Gordon
Region 6 Wildlife Manager
317 Washington St.
Watertown, NY 13601
315-785-2261
>>> Craig Vollmer [cv@forestryexperts.com](mailto:cv@forestryexperts.com) 08/19/04 09:55AM >>> It looks like the 27th is the only day that will work for meeting. To help Lynn with his schedule we are going to meet at 9:00am til 12:00pm.
this point the plan is to meet at the hotel. Maureen Wakefield from ESF will join us for part of the meeting to help us start a budget. We
should probably plan to discuss menu items, audio visual needs, etc. to ${ }^{2}$ y and nail down costs. She will also need to know how many members (regular and student) from each organization that would be used to determine a break even point (SAF typically gets 125 upwards to 150 at our meetings - we use 100 as our breakeven).

Lynn, Do we have menu info already or do we need to request more?

See you there.
Craig A. Vollmer, Certified ForesterBrooks Forestry \& Resource Management Co., LLC549 County Route 45Central Square, New York 13036Phone/Fax: 315-338-0899cv@forestryexperts.com<!--[if !supportEmptyParas]--> <!--[endif]-->

Lynn: AFS excom meet earlier this week. Most seemed to be interested in pursuing the tri-society meeting for 2005, but many questions to be answered first:

## Location? Has this been determined yet?

Format? Wed - thurs, thurs - Friday? We will need to be able to fit our chapter's needs into the schedule.
arraingements: has a volunteer to work on this stepped forward yet? in the past we remembered one tri-society meeting that went especially ell, due in part to the fact that it was organized by the "Cornell Conferencing Group"?. I guess they took care of all arraingenents and registrations collection duties... we just took care of fisheries part of program? Is this something we could use for 2005?

How do you forsee the planning taking place? ad hoc committee with member from each society? planning sessions, conference calls ?

Theme - What you suggested seemed a little depressing ...maybe we could tweek it into something positive. One of our members suggested a theme that focuses on recent trends/advances in restoration ecology (pulling together or finding common ground amoung wildlife, fisheries an forestry/terrestrial ecology issues).

Cost ? In the past, cost of tri society meetings always cost more than our chapter's annual meetings, which impacted attendence? If we do this we would like to see it as cost effective as possible.

Are the Forestry folks interested?
'e feel we will need to decide by mid-May.
Let me know where this issue stands ASAP. Maybe the respective presidents, etc, need to get togehther an talk it over?

## Bill G.

Bill Gordon
Regional Wildlife Manager
NYS DEC Region 6
317 Washington St.
Watertown, NY 13601
(315) 785-2254
whgordon@gw.dec.ny.state.us
>> Lynn Braband [lab45@nysaes.cornell.edu](mailto:lab45@nysaes.cornell.edu) 04/02/04 02:08PM >>> rello, Bill,
Consider this my initial contact with you to consider the possibilities of a tri-organizational meeting (state chapters of American Fisheries Society, Society of American Foresters, and The Wildlife Society, of which I am past President) in 2005. One possible theme, discussed by our Executive Committee, might be natural resource management in a time of challenging reductions in human resources by the lead state agency. Interestingly, in the most recent issue of the newsletter of The Wildlife Society (International),
President Dan Decker addresses this issue at both national and state levels.
Lynn
>DAVE, THAT WOULD BE ME. I AM THE CURRENT AFS CHAPTER

[^5]
## $>$

>>>> Dave Adams 04/01/04 12:02PM >>>
$>$ Possible Bill Gordon. I forget wether he is current or past
president.
> 1 cc'd him for confirmation.
$>$
>Thanks
$>$
$>$
>David J. Adams
$>$ Nongame and Habitat Unit
>625 Broadway, Floor 5
>Albany, NY 12233
>518-402-8902
>
>>>> Lynn Brabant [lab45@nysaes.cornell.edu](mailto:lab45@nysaes.cornell.edu) 03/31/04 04:02PM >>>
Hello, All,
$\rightarrow$ Does anyone know who the current President of the fisheries chapter
>is? I thought I had that information but, if I did, cannot locate it >now. This is so l can contact her or him concerning a possible >tri-organization meeting next winter.
$>$
$>1$ do have contact info for the foresters.
$>$
>Lynn
$>$
>-
>Lynn Braband
>NYS Community IPM Program at Cornell University
>NYSAES
$>630$ W. North St.
>Geneva, NY 14456-0462
$>$ (315) 787-2408

- 「 AX (315) 787-2360






เ9Zて-s8L-GIE
LO9EL NN 'имодәңем IS Uołбu!чsem $\angle 1 \varepsilon$ ฉəБеuеш әц!

иорлоэ 'н ше!!!!
$\checkmark$ •






(¿ еәр! ұиәдәщр









<--[!puә]--i> <--[se.edイłdmヨuoddnsi



-əдәцł noर әәS

(иәләуеәлq ano se 00l әsn әм - sбu!̣әәш ıno


























moj'sładxaKısəjof(0)









 ヨM ㄱNヨOISヨ」



#### Abstract

uиイך ＇s｜əлә          ‘II！‘о｜｜ән



sn•әұеяs＇Ku＇эәр•м6（Dиорıобчм


LO9ع1 人N＇имодәғем

9 uо！бəy Оヨロ SスN дәбеиеш әд！ uopıo૭ וI！！
＇૭ וI！，



$<$
＂дәұи！м ұхәи би！！әәи ио！̣еz！！uebıo－！џ＞


 ＇II甘＇о\｜ə ．


Z068－Z0t－81G＜ をとてZレ 入N＇Kueql甘く G 100｜」＇Кемреол GZ9＜ ！！иก ¡еџ！qен pue əme6uon＜ swep ${ }^{\text {＇r }}$ p！лед＜

09عて－L8L（GLE）XV」 80ヤて－L8L（GLE）
Z9t0－9Sカャレ 人N＇еләиә๑ ＇7S ЧમON＇M Oع9 S $3 \forall S \wedge N$
 pueqeag un ．



| ［0\％ | ガとZ | $6{ }^{\circ} \dagger Z$ | $6{ }^{\circ} \downarrow 2$ | †002 |
| :---: | :---: | :---: | :---: | :---: |
| 0 0 ${ }^{\circ}$ | LOL | $L \bullet \downarrow$ | 0.91 | 6661 |
| $\mathcal{E}$ L\＆ | 609 | $9 \cdot 16$ | でヤ6 | L66I |
| 9＊2 | て＇88 | $S^{\prime}$ I0I | 6 LOI | 766I |
| ＂SI＝＜ | $\because Z I=<$ | ＂ 8 8＝＜ |  |  |
|  | Kl！ | $\overline{7007 S}$ | $\overline{\mathrm{T} 70 \mathrm{~L}}$ |  |









 （әu！pseq јо \％0）ләұәu әлеnbs／sumeio 0－666I




















s1．10dəy pue sasəyL 1 uәวəy











 ләли әч әәәчм әш！




## 







| してZ | 8＊1E | ¢＂8\＆ | L＇It | ャ002 |
| :---: | :---: | :---: | :---: | :---: |
| 6 ¢ | ナ ¢ $\mathcal{L}$ | L＇8L | $8 \cdot 18$ | 6661 |
| S6を | 6 ＋9 | ¢ ¢ 6 | ${ }^{\circ} 66$ | L661 |
| 9.79 | て＇16 | $\downarrow$ ¢ Col | 8 8tI | 661 |
|  | K！T¢ | Y007S | ［户口⿺𠃊 |  |




|  | ャ＊ | $9 \times 1$ | 8．91 | t002 |
| :---: | :---: | :---: | :---: | :---: |
| 92 6.0 | $L^{\circ} \mathrm{Z}$ | 0 － | 8． 5 | 666 I |
| 60 | $0 \cdot \square$ | $0 \%$ | 67 | L66I |
| でて 0 | $0 \cdot \varepsilon$ | $6 \cdot \varepsilon$ | 69 | t66I |
| ぃゅ $\mathrm{l}=<$ | $\because \mathrm{II}=<$ | ${ }^{11} L=<$ |  | sseq yinouljeus |
| $\overline{\text { рәШวJəId }}$ | ス7！cno | Y007S | ［101 | sseq qrounteus |










 પ!






## SMON SAV [EUO!̣eN





















 ұuәpnts pə！！！enb



：sıot！pヨ Jot deyO
$\lll$ stuəpisald дәれəISMəN（әسOs）pue＇squepisəld uo！sin！a

 ә！！ 1 ！！M 9 uoib ょəб匕ueW ap！o H me！ noplos＇H We！
」ołue

－słueo！！dde


 10

｜｜e


 ә૫ł 10
 سesbo＇－1


łuełs！ss $\forall$ meлळoлd uołnH S．⿰丬


 әЧł
 suo!


Lo 6ul $m$ of of wimes


$$
\text { papup }\left\{\sigma_{n} \text { sime ayl }\right\}-h ?
$$

cover hersongpres.
rugrd h putint "्यु

$$
-06 \text { P }=25
$$

(- uiff/rin =o conolum

$$
\left.<\mathrm{ph}^{2}\right)^{2}-1
$$

- adtry gin dimp yowo itamalus
- meas -mpy-ment vplas || 㐫

$$
\begin{gathered}
\text { gurbus } \\
h a-2+2=-51
\end{gathered}
$$



 ＇นodәл ol мวu вu！！








＇suət！

－d！̣цSıə






：SLEOdTH TMLUIWWOD









Natural Resources
http://www.dnr.cornell.edu/people/faculty/profiles/knuth.html -- Knuth page
http://www.dnr.cornell.edu/hdru/ -- Human Dimensions Research Unit President, American Fisheries Society [http://www.fisheries.org/](http://www.fisheries.org/) www.fisheries.org

CC: [bak3@cornell.edu](mailto:bak3@cornell.edu), "Ira Adelman" [ira@umn.edu](mailto:ira@umn.edu), "Gus Rassam" [grassam@fisheries.org](mailto:grassam@fisheries.org)

## Executive Committee:

President, Bill Gordon
Past President, Web Pearsall
President-elect, Jim McKenna
Secretary-Treasurer, John Homa
Secretary-Treasurer-elect, Scott Jones
Newsletter Editor, Leslie Surprenant Allen Peterson
Website, William Snyder
Student Sub-Unit, Mark Arrigo
Professional Incentives, Web Pearsall
Resolutions/Environmental Concerns, Randy Vaas
Native American Affairs, Vacant
Professional Diversity/ Youth Aquatic Education, Cara Ewell-Hodkins / Dawn Dittman
Workshop, Vacant
Membership, Jim McKenna / Fred Henson
Nominating, Web Pearsall
Audit/Finance, Mark Arrigo
Program, Emily Zollweg / Dan Josephson
Annual Meeting, Bill Gordon/Scott Jones
Lake Placid-2005, Web Pearsall

## 10:00 Call to Order

Minutes from Last meeting
Treasurer's Report
New Business

- Correspondence - Developing Countries AFS Memberships, White House Letters, Outsourcing National Fish Hatcheries.
- NED Issues

Old Business

- 2005 Tri-Society Meeting
- Brochure
- Budget
- Agenda: Wed. - Excom + Social, Thurs. - Main Sessions (Speaker issues?) + Business Meeting, Fri. - Contributed Papers (Judges, Judging forms), Lake Sturgeon Workshop
- Student Involvement (Mark)
- AV Equipment
- Raffle (Jim)

Committee Reports

Next Meeting: February 2, 2005 at 5 PM Liverpool HI

##  <br>  <br> 








 for granted - every time we turn on

8u!̣oow K7oỵos-uıL S00z


the past and present, and it's
importance for sustaining the
future. natural resource management in
the past and present, and it's of paridde uәaq sey uopqencasuoa global overpopulation and ensuring
species survival. He will look at how resources is critical to balancing
 Theory. He theorizes that rəjfng әoxnosəy s!̣ sn yłin әreys

 : soyeads əlon Koy Tri-Society Meeting




 [еuotssajord aวmosar זernұeu e sy no n





 | ${ }^{\circ}$ |
| :---: |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |




| $\begin{gathered} \text { arasingux } \\ \text { Palgmat } \\ \text { T. } \end{gathered}$ | 's!̣paro ヨaj ioy pэaordde u <br>  : |  suy 3u!poon N $500 \bar{z}$ 2uL !! 12) AVS |
| :---: | :---: | :---: |
|  |  |  |
|  | jo эmmsui $\lambda N$ | udst:1 <br> udd 00 : |
|  | Horssnos! $\square_{\text {IPued }}^{\text {d }}$ | шd $0 ¢: z 1$ |
|  |  |  |
|  | имо риер!saog | wrest:01 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| כTt suoumpos |  |  |
|  |  |  |
|  |  |  |
| put so®urȩ d!us. |  | ures!:6 |
|  |  |  |
|  |  |  |
|  |  | ${ }^{100} \mathrm{~N}$ |
|  | yeorg | ure00:01 |
| VGLL sızYpadS 'sıoded |  |  |
|  | jo suoprpuosud | ure0:8 |
|  |  |  |
| unofpy $\quad 000 \mathrm{~N}$ |  |  |
|  |  |  |
|  |  |  |
| чэгэรам рวบบ! | yo suopleyusold | ure00:8 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  นо!ssos |  | uid $00: 9$ |
|  |  |  |

atwww.eef.edu/oulreachpdiconferences $h$ tim.
 (315) 787-2408, aba45@nysaes.comell.edu SAF Contact: Craig
 the meeting. To make arrangcinents, contact Dick Schwab
at SUNY-ESF (315)470-6627, rischwab@lhotmail.com.




 HIS K reception from 6:00-7:00pm on Thursday February $3^{\text {rd }}$.
Posters are sought from anyone within AFS, TWS, or
 787-2408, lab45@nysaes.comell.edu.
Call for Posters (SIE) SML प! M purqerg uu

 Society are seeking presenters for the morning sessions
schedulcd for Friday February $4^{\text {th }}$. Anyone who would
like to share their research or work is welcome. If you The American Fisheries Society and The Wildlife

 refreshments; lunches, banquet, and rcception. Purchasc


 วueyd '880E1 גN'



## ESF Outreach Budget

| Project Title: NYS Society of American Foresters Winter Meeting |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Project [ Starting | 2-Feb-05 |  | Ending - | 4.Feb-05 |
| Faculty: Hugh Canham Account No.: |  |  |  |  |
| INCOME: | Estimated $\#$ | Estimated <br> Revenue | Estimated Tot Revenue |  |
| Registration Fees | 155 | \$100.00 | \$15,500 |  |
| Late Registration Fees | 50 | \$125.00 | \$6,250 |  |
| Student with Banquet | 5 | \$65.00 | \$325 |  |
| : Student No banquet | 45 | \$40.00 | \$1,800 |  |
| Late student | 0 | \$75.00 | \$0 |  |
| Late student No banquet | 0 | \$50.00 | \$0 |  |
| TOTAL | 255 |  | \$23,875 |  |
| BUDGET CATEGORY | Estimated |  |  |  |
| Project Direct Expenses |  |  |  |  |
| Speaker Honorarium | \$1,500 |  |  |  |
| Speaker's room | - \$160 |  |  |  |
| Complementary Registrations -1 | \$100 |  |  |  |
| Conference Expenses |  |  |  |  |
| Space rentals -3,250 minus 50\% of lunch/dinner Catering: | \$0.00 | (\$335) |  |  |
| Wednesday |  |  |  |  |
| Social (30) (cheese tray, meatballs, cash bar) Thursday | \$180 |  |  |  |
| Continental (5.75) | \$1,466 |  |  |  |
| AM Break - coffee (1.75) | \$446 |  |  |  |
| Prime rib, pasta primavera (13.95) | \$3,557 |  |  |  |
| PM Break (coffee, soda \& cookie 4.25) | \$1,084 |  |  |  |
| Banquet - International (beef, sole 22.95) | \$3,612 |  |  |  |
| Social (cheese tray, meatballs, cash bar) | \$1,530 |  |  |  |
| AM Break - coffee and donuts (3.95) | \$593 |  |  |  |
| Catering Subtotal |  | \$11,695.75 |  |  |
| Add 18\% | \$2,105 |  |  |  |
| Catering Total |  | \$13,800.99 |  |  |
| Per person food cost |  | \$54.12 |  |  |
| Special Equipment (podium and mic) | \$50 |  |  |  |
| Total | \$16,383 | \$25,216.11 | \$0.00 |  |
| Project Supporting Expenses |  |  |  |  |
| General Supplies (\$5*\#participants) | \$1,275 |  | \$0.00 |  |
| Brochure Printing (1000) | \$65 |  |  |  |
| Mailing brochure | \$165 |  |  |  |
| Total | \$1,505 | \$0.00 | \$0.00 |  |
| Project Technical Expenses <br> SUNY ESF CE Technical Services |  |  |  |  |
| Total | \$1,789 | \$0.00 | \$ \$0.00 |  |
| Total Direct Expenses | \$19,677 |  | \$0.00 |  |
| Contingency at $10 \%$ | \$1,968 |  |  |  |
| Subtotal Total Direct | \$21,645 |  |  |  |
| Indirect Expenses 10.3\% $\$ 2.229$ |  |  |  |  |
| TOTAL PRO.JECT EXPENSES | \$23.875 |  | \$0,00 |  |
| Number of Participants-Target: | 100 | Actual: |  |  |
| Per person registration | \$93.63 |  |  |  |

NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2004 John Homa, Jr. Sec/Treas. C/O Ichthyological Associates, Inc. 50 Ludlowville Road, Lansing, NY 14882
Page 2
Prepared 20041210
QUARTLY BALANCE ALL ACCOUNTS


ATS - lrating do enhardec.
Websifi $\Rightarrow$
$\rightarrow$ Nursledr joen to Dere.
Bill NED Irr. $\rightarrow$ Dds coven Murtiog,
Dave Lemand $=$ 3000/ yeoo gen Emet)
Pding-dertrikies
wsos Reffe Mriser for Chargten:
Surentive $\rightarrow$ Smith Sook $\}$ New sookerhany
Printy smith, $C L$.
wele $\rightarrow$ will Chewh $\rightarrow$ pitentul A foellext
Trei-Soc-Muting -

- Brocher monled by ESJ Dibread
$\theta \rightarrow$ No Voucheren $\rightarrow$
$\rightarrow$ By th 5 IL $\rightarrow$ Morth Stathls
Sones $\Rightarrow$ lwill wrife Studet HAtendm
Registrction pr Tr. Sas

Stundet Lorker

- Neel Namer by logan
- No rouctises -
$\Rightarrow$

$$
\begin{aligned}
& \text { Regustutioí: Manberloyg } \\
& \text { Gordors } \rightarrow \text { Bunatnt } \rightarrow \text { No (vonchuse. } \\
& \text { Gov. Rem - nter } / 1 / 60=\xi
\end{aligned}
$$

\$1 Not porters.

$$
\begin{aligned}
& \text { Am ud } \rightarrow \\
& \text { Lthr fingeon } \rightarrow \text { \} }
\end{aligned}
$$

Ola for fiture mectiop tibu
Slots $\rightarrow$ Well ar Fridary
$\rightarrow$ Ansund Mecting?

ithoum ciald
Rang-Commlir Mongits) $\}$

Kubfles
$\rightarrow$ Tremer are coming $\rightarrow$ may
"1ems

Nersclites - nenly narf dgo.
$\rightarrow$ retrijast
Doplk - new
1.2 M PBE
——
$W^{16} / 1$
$n_{i}^{\prime i l}$
$l_{0}$
Picturn jos-lose reschtion!
Bill $\rightarrow$ aere jos do Soll a Bill willtranildt
B.ll $\rightarrow$ emvert DOC Ao PDF

C4 perpers

- Dend/Poor addur to Selt
$\Leftrightarrow$ rufun merkershps KINNS $^{\prime}$
$\Rightarrow$ DSL/High Speed putithed

$$
\begin{aligned}
& \text { Mall } \rightarrow \text { Stuht } \rightarrow \text { Sclumpls } \\
& \text { Dnfiturertion s Web Step Docrar? } \\
& \text { Quch Stance' }
\end{aligned}
$$

Namex 5 Ahe Conper Mive Hanity Haharaith?
anoposar
Not. Am Afairs potahent Lamive Trattal-Drelf.
Lm
Canap
Dry. Divenif $s$ Gent papen work GSowndant!

$$
\begin{aligned}
& \text { Woncelto P3 } \\
& \left\{\begin{array}{l}
\text { will-rum GBS } \\
16 \text { purile } \rightarrow
\end{array}\right. \\
& \text { Damberstry - Thentive: } \\
& \zeta \text { salt join } \# \in \text { din K K }
\end{aligned}
$$

Emily - Ily lmm Arojrore Cam. offer Armel Moetings

Lhollacil Doecer
Dushig Menburity to be inndvels $\dot{a}$
wele: $\rightarrow$ Trade Shon $\rightarrow$ 方 $\rightarrow 0$ tren

$$
\stackrel{L}{\text { Pallicit }} \rightarrow \text { Pneax } / \sum^{2}
$$

$\rightarrow$ Atiden for zithervist

Wilhrs
Vigime Sunh-lek, Gpill

$$
\operatorname{Lu}_{\rightarrow} 2^{m} \text { e } 5^{\infty} \mathrm{PM} \text { - }
$$

## NEW MEMBERS

EXCOMM VOTES TO EXTEND FREE CD AND BOOK OFFER
In 2004, the NYCAFS is making an effort to increase and maintain membership in the Society. If you know of someone who may benefit by membership in the Society, please invite them to join.

To the first 50 new $^{1} 2004$ members in the Chapter, the new member will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species. In addition, the first 20 members of the Chapter who become a new ${ }^{1}$ member in the parent organization the American Fisheries Society in 2004 will receive a free copy of the Guidelines for the Use of Fishes in Research.

[^6]
# Agenda <br> New York Chapter of the American Fisheries Society Executive Committee Meeting December 15, 2004 ECOLOGIC Office, Cazenovia, NY 

Executive Committee:<br>President, Bill Gordon<br>Past President, Web Pearsall<br>President-elect, Jim McKenna<br>Secretary-Treasurer, John Homa<br>Secretary-Treasurer-elect, Scott Jones<br>Newsletter Editor, Leslie Surprenant Allen Peterson<br>Website, William Snyder<br>Student Sub-Unit, Mark Arrigo<br>Professional Incentives, Web Pearsall<br>Resolutions/Environmental Concerns, Randy Vaas<br>Native American Affairs, Vacant<br>Professional Diversity/ Youth Aquatic Education, Cara Ewell-Hodkins / Dawn Dittman<br>Workshop, Vacant<br>Membership, Jim McKenna / Fred Henson<br>Nominating, Web Pearsall<br>Audit/Finance, Mark Arrigo<br>Program, Emily Zollweg / Dan Josephson<br>Annual Meeting, Bill Gordon/Scott Jones<br>Lake Placid - 2005, Web Pearsall

## 10:00 Call to Order

Minutes from Last meeting

Treasurer's Report
New Business

- Correspondence - Developing Countries AFS.Memberships, White House Letters, Outsourcing National Fish Hatcheries.
- NED Issues

Old Business

- 2005 Tri-Society Meeting
- Brochure
- Budget
- Agenda: Wed. - Excom + Social, Thurs. - Main Sessions (Speaker issues?) + Business Meeting, Fri. - Contributed Papers (Judges, Judging forms), Lake Sturgeon Workshop
- Student Involvement (Mark)
- AV Equipment
- Raffle (Jim)

Committee Reports

ESF Outreach Budget
Project Title: NYS Society of American Foresters Winter Meeting


|  |  |  |
| :--- | ---: | ---: |
| BUDGET CATEGORY | Estimated |  |

## Project Direct Expenses



100 Actual:
\$93.63

Wednesday, February 2, 2005
Holiday Inn, Liverpool
Executive Board Meeting
Social (30-50) cash bar, cold meat and chese tray, with buns, buffalo wings
Thursday February $3^{\text {th }}$

| 8:00am - Noon | Meeting Registration |
| :---: | :---: |
| 8:00-9:00 am | Coffee, Tea, sliced fruit, asst. sweet bread, donuts, danish, muffin (5.75) |
| 8:45 AM | Opening Remarks |
| $9: 00-10: 45$ |  |
| 10:45 | Break - Coffee, tea, juice (3.25) |
| 11:15 |  |
| Noon | Lunch - Prime rib, pasta primavera (13.95) |
| 12:30 |  |
| 1:00 PM |  |
| 1:30 |  |
| 3:00 | Break - Coffee, tea, soda, water, cookies (4.25) |
| 3:30 |  |
| $1: 30-3: 00$ | Concurrent Afternoon Student Session |
|  | Banquet - International (beef, sole 22.95) <br> Social (cheese tray, meatballs, cash bar) |

Friday February $4^{\text {th }}$
AM Break - coffee and donuts (3.95)
Conference Concludes

Outreach Conference Project Management


UNITED STATES POSTAL SERVICE
anNuAL FEE RENEWAL NOTICE

NY CHAPTER AMERICAN FISHERIES SOCIETY
50 LUDLOWVILLE RD
 LANSING NY 14882

DEAR JOHN HOMA
Your privilege to mail at the Standard(A) bulk rates, PRESORTED FIRST-CLASS rates, or PRESORTED SPECIAL STANDARD (B) rates, and/or to distribute BUSINESS REPLY matter; will expire on the date(s) shown below.

If you plan to continue using your existing privileges, the noted fees must be paid prior to the indicated due date(s). It is recommended that fee(s) be paid in advance to facilitate the acceptance of your mailings.
**ANNUAL FEES CANNOT BE PAID PRIOR TO 30 DAYS BEFORE THEIR EXPIRATION DATE.**
**For BUSINESS REPLY - a " $\$ 0.00$ " FEE COST indicates that the fee is paid at another post office, therefore; a copy of the out of town postal receipt must be submitted as proof of payment.
Please return this notice with your payment to the address below:
BUSINESS MAIL ENTRY UNIT
757 WARREN RD
ITHACA NY 14850-9998

Please make checks or money orders payable to POSTMASTER or U.S. POSTAL SERVICE. Also, note on your check your permit number and type of payment you are submitting.
Thank you for your business. We look forward to continuing to serve your postal needs. If you have questions please call (607) 266-0566.

| FEE TYPE | \| PERMIT TYPE | PERMIT \# \| EX DATE |FEE COST | |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 00252 | $\|08-25-04\|$ | \$150.00 |
| \| STANDARD MAIL FEE | IMPRINT | TOTA | FEES: | \$150.00 |

"BUSINESS" TAX ID NUMBER 16-1082207
$\int 7^{i r}$
(This Tax ID number will be reported to the
IRS for income purposes)
$r^{-}$ter One Bank. N.A.
be herein known as the ("Bank").

## ACCOUNT TYPE Voluntary Organization

|  |  |  |
| :--- | :--- | :--- |
| BUSINESS | IFS MEETING 2006 |  |
|  | Address | MYS DEC BUREAU OF FISHERIES |
|  | 625 BROADWAY |  |
|  | City/StateiZip | ALBANY NY 12233-4753 |
|  | Phone Number | $(518) 402-8959$ |



Certification - Under penalties of perjury, I certify that:

1. The number shown on this form is the business's corr business), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the internal Reva that Service ("IRS") that I am subject to backup with
I am no longer subject to backup withhoiding, and
3. I am a U.S. person (including U.S. resident alien). Certification Instructions - You must cress out item 2 abovern. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or have failed to report all interest and dividends on your tax retributions to an individual retirement arrangement (IRA), and generally, payments other than interest a abandonment of secured property, cancellation certification, but you must provide your correct TNN.

## DEPOSIT ACCOUNT AGREEMENT

DEPOSIT ACCOUNT AGREEMENT
The undersigned ("Depositor") on behalf of the entity hereby agrees to open the type chill be governed by the Deposit Account Agreement which shall include the terms rights, obligations and responsibilities of Depositor and Bank regarding the Accounitions For Business Accounts. Where applicable, the singular shall include the plural. and conditions set forth in both this document and the Additional Terms and the terms contained in this document and (ii) he/she has received and By signing this document, Depositor acknowledges that: (i) he/she has read . had an opportunity to read the Additional Terms and Conditions for I aGREEMENT, INCLUDING THE STIPULATION TO RESOLUTION THE TERMS AND CONDITIONS OF -THE DEPOSIT ACCOUNT AGREED THE DEPOSIT ACCOUNT AGREEMENT AT ANY TIME) DISPUTES BY ARBITRATION AND THE BAN
The Internal Revenue Service does not require your consent to any provision of this document other than the certification required to avoid backup witholding.

Number of Signatures Required for Withdrawal: 1

## AUTHORIZED SIGNATURES:

\author{

1. Name JAMES G DALEY <br> 2. Name DOB 04/24/1964 <br> \section*{DOB 01/01/1959 <br> <br> 3. Name JOHN HOMA JR <br> <br> DOB 01/31/1951} <br> EDWARD WOLTMANN
}


For Completion By sole owner of a sole ty owned Corporation; Manager or two or more Members of a Limited Liability Company; partner of a Limited Partnership; or all partners of a General Partnership:-
The Bank is designated a depository of the entity, and is authorized to act on any writings bearing the authorized signatures.

Dated: 08/05/2004
Title $\qquad$
Title
Signature

## Signature

For Completion By the Secretary: of the Corporation or unincorporated association:-
eby certify that the signatures ort this document are -genuine and that the persons whose signatures appear on the authorization hold the position.or title so indicated

Signanure(Secretary)
 Dated 08/05/2004:

Hi Emily,
I found your name on the chapter website as chair of the Program Committee. I am hoping you can help me. I have been in NY for a little more than a year, and when I renewed my AFS membership with the parent society last winter I paid the $\$ 10$ fee for NY Chapter dues. I realize that I haven't received any chapter newsletters or announcements for annual chapter meetings. Could you help me or point me toward a contact for getting on mailing lists and receiving information about meetings. I'd like to stay involved. I recently discovered that a joint meeting with TWS and the Forestry Society may be in the workings. Is that true?

Emily thanks very much for your time. I appreciate your help.
Craig
Craig L. Milewski, Ph.D.
Assistant Professor of Fisheries Biology
Coordinator, Fisheries and Wildlife Sciences Program
Division of Forestry, Natural Resources, and Recreation
Routes 86 and 30
Paul Smith's College
Paul Smiths, NY 12970
(518) 327-6104


The information contained in this electronic message and any attachments to this message are intended for the exclusive use of the addressee(s) and may contain confidential or privileged Information. If you are not the intended recipient, please notify the sender immediately or reply via e-mail
and destroy all copies of the message and any attachments. Thank you.

Subj: RE: FW: NY AFS Student Subunit
Date: $\quad$ 9/22/2004 11:16:52 AM Eastern Daylight Time
From: marrigo@ecologicllc.com
「o: IALansing@aol.com
Electronic would be fine. Scott is a national member and soon to be NY. He should join NY at the annual meeting so sending him the last newsletter and the next one or two should suffice. I want him to distribute it to the other students so it's really a newsletter to SUNY Brockport care of Scott Wells.

Thanks
Mark

Mark Arrigo
Senior Environmental Scientist
EcoLogic LLC
Atwell Mill Annex Suite S-2
132 1/2 Albany Street
Cazenovia, NY 13035
315-655-8305
Fax 315-655-4086
------Original Message-----
From: IALansing@aol.com [mailto:IALansing@aol.com]
Sent: Wednesday, September 22, 2004 8:04 AM
To: marrigo@ecologicllc.com
Cc: snyderw@morrisville.edu; Scott.Jones@DevineTarbell.com; jim_mckenna@usgs.gov
Subject: Re: FW: NY AFS Student Subunit
Mark:

Electronic or hard copy? (I hope electronic?)
is Scott Wells (or will he be) a member?
Is this gratis, if so for how long?

Mark by the way, you do have some sort of budget, but not a specific amount (money has been generated by rafle over the years, raffle income helps defer cost of student attendance at Chapter Annual Meeting, etc.) Jim McKenna may want to work a student line item into his 2005 budget?

Scott/Bill
WE (that is Scott and Bill, as I am a lame duck Sec/Treas.) need to develop a system to make sure master membership list remains current and correct.

Scott I think you're in the field for another week or two?
John H

Subj: FW: NY AFS Student Subunit
Date: $\quad$ 9/22/2004 7:42:44 AM Eastern Daylight Time
From: marrigo@ecologicllc.com
To:

John, can you please add Scott to the Newsletter list.
Scott M. Wells
Graduate Student
Dept. of Biological Sciences
Lennon Hall Rm 120
SUNY Brockport
Scott, can you please make the newsletter available to all students at Brockport who are interested. I'll be in touch regarding volunteers.

Bill, any idea yet how many students we need?

Thanks

- ’ark

Mark Arrigo
Senior Environmental Scientist
EcoLogic LLC
Atwell Mill Annex Suite S-2
132 1/2 Albany Street
Cazenovia, NY 13035
315-655-8305
Fax 315-655-4086
-----Original Message-----
From: swel0828@brockport.edu [mailto:swel0828@brockport.edu] Sent: Monday, September 20, 2004 5:41 PM
To: Mark Arrigo
c: Dr. James Haynes
Subject: Re: NY AFS Student Subunit

## Mark -

Thanks for the fast reply. I estimate we have about 4-6 students or more who are interested in attending the next mtg along with Dr. Jim Haynes (my advisor \& prime fisheries professor) from SUNY Brockport. We do not want to miss out on any career related reports \& activities. Unfortunately, many of us students are strapped for $\$ \$$ and all of the students I asked said they would be willing to volunteer their services for admittance. Yes - please place me on the list for newletter postings. I have not received much notice from the NYS chapter since my transfer from CA. My current mailing info is on file.
standing by ><>
smw
Scott M. Wells
Graduate Student
Dept. of Biological Sciences
Lennon Hall Rm 120
UNY Brockport
swel0828@brockport.edu
----- Original Message -----
From: Mark Arrigo [marrigo@ecologicllc.com](mailto:marrigo@ecologicllc.com)
Date: Monday, September 20, 2004 8:19 am

## Subject: NY AFS Student Subunit

## > Hi Scott,

$>$
$>$ I'm Mark Arrigo, Chair of the NY AFS Student Subunit Committee.
$>$ Bill Gordon
$>$ forwarded me your email. We'd love for you to help out at the
$>$ upcomingmeeting. We will need to help running projectors, with registration and
> general setup and such. This years meeting will be a tri-society $>$ meetingand therefore a bit more complex than usual. When I figure out exactly how
> many people we'll need I'll let you know and put you in contact
$>$ with the
$>$ meeting organizers. I realize this is a bit general at this point but
$>$ things should start to come together soon.
$>$
> Do you get a copy of the NY AFS newsletter? If not let me know and
> we'll put
$>$ you on the list. I'm trying to get a message board put on the NY
> AFS web
> site so students can communicate directly.
$>$
> Look forward to working with you.
$>$
> Mark
$>$
> Mark Arrigo
> Senior Environmental Scientist
> EcoLogic LLC
> Atwell Mill Annex Suite S-2
> 132 1/2 Albany Street
> Cazenovia, NY 13035
$>$
> 315-655-8305
> Fax 315-655-4086
$>$

## Agenda <br> New York Chapter of the American Fisheries Society Executive Committee Meeting September 15, 2004

## Executive Committee:

President, Bill Gordon
Past President, Web Pearsall
President-elect, Jim McKenna
Secretary-Treasurer, John Homa
Secretary-Treasurer-elect, Scott Jones
Newsletter Editor, Leslie Surprenant Allen Peterson
Website, William Snyder
Student Sub-Unit, Mark Arrigo
Professional Incentives, Web Pearsall
Resolutions/Environmental Concerns, Randy Vaas
Native American Affairs, Dick McDonald
Professional Diversity/ Youth Aquatic Education, Cara Ewell-Hodkins / Dawn Dittman
Workshop, Dick McDonald
Membership, Jim McKenna / Fred Henson
Nominating, Web Pearsall
Audit/Finance, Mark Arrigo
Program, Emily Zollweg / Dan Josephson


Annual Meeting, Bill Gordon/Scott Jones
Lake Placid -200f' Web Pearsall

## 10:00 Call to Order



Minutes from Last meeting $\rightarrow$
Treasurer's Report
New Business

- AFS Correspondence - Membership
- 

Old Business

- 2005 Tri-Society Meeting
- Feb 2-4, 2005, Holiday Inn Liverpool
- 8/27/04 \& 9/24/04
- Watershed Management: Preservation, Maintenance and Restoration of Our Landscape
- Combined AM \& PM Sessions on Thursday, Breakouts on Friday

- Patrick Moore - ex Sierra Club
o ESF Outreach to manage meeting and registrations.
- Hatchery Open House

Committee Reports

Next Meeting ? $\qquad$

# Agenda <br> New York Chapter of the American Fisheries Society Executive Committee Meeting September 15, 2004 

Executive Committec:<br>President, Bill Gordon<br>Past President, Web Pearsall<br>President-elect, Jim McKenna<br>Secretary-Treasurer, John Homa<br>Secretary-Treasurer-elect, Scott Jones<br>Newsletter Editor, Leslie Surprenant Allen Peterson<br>Website, William Snyder<br>Student Sub-Unit, Mark Arrigo<br>Professional Incentives, Web Pearsall<br>Resolutions/Environmental Concerns, Randy Vaas<br>Native American Affairs, Dick McDonald<br>Professional Diversity/ Youth Aquatic Education, Cara Ewell-Hodkins / Dawn Dittman<br>Workshop, Dick McDonald<br>Membership, Jim McKenna / Fred Henson<br>Nominating, Web Pearsall<br>Audit/Finance, Mark Arrigo<br>Program, Emily Zollweg / Dan Josephson<br>Annual Meeting, Bill Gordon/Scott Jones<br>Lake Placid-2005, Web Pearsall<br>\section*{10:00 Call to Order}<br>Minutes from Last meeting<br>Treasurer's Report<br>New Business

- AFS Correspondence - Membership
- 

Old Business

- 2005 Tri-Society Meeting
- Feb 2-4, 2005, Holiday Inn Liverpool
- 8/27/04 \& 9/24/04
o Watershed Management: Preservation, Maintenance and Restoration of Our Landscape
- Combined AM \& PM Sessions on Thursday, Breakouts on Friday
- Patrick Moore -- ex Sierra Club
- ESF Outreach to manage meeting and registrations.
- Hatchery Open House

Committee Reports

Next Meeting ? $\qquad$

HANAOSN
Syt 15, 2004

$$
\text { Min - Tumwisos } \checkmark \text { ole- }
$$

(6) MIC - Adhen $F$

Ner Masdrens
New
Mewbashy' $\rightarrow$
Bill Naw Muhenr
Davie Snyden $\rightarrow$ Capajoa'; Jors
Ins. Lideilit $\Rightarrow$ Betty 7ritg $\rightarrow\left\{\begin{array}{l}100^{00} \text { Eunt } \\ \text { Cornoge }\end{array}\right.$ $\left\{\begin{array}{l}\leftrightarrow I_{f} \text { - Not nd hg N.E. then } \rightarrow \text { Chips Pags } \\ \text { Paila } \rightarrow \text { Dunette } \rightarrow\end{array}\right.$ $\{$ Pailu $\rightarrow$ Runette $\rightarrow$
Susquahme Guardian $\rightarrow$ Ins.
Thina you "soo thenthore.

Arrn. Mating $-2005^{-}=\overline{T r} S_{0}$

$$
\begin{aligned}
& \text { 2ub } z \rightarrow 4 / 30 \mathrm{LD} \text { Irvited } \\
& \text { Eacom } 4^{\text {l }} \text { Chopelign }
\end{aligned}
$$

$\Leftrightarrow 1 / 2$ iet. Stu dents
Theme - whole Dag-Thm -
Munting verat Weak $\rightarrow$

Patro-Moore, Ex Suin Chel - Puer.

24y" "Mant-in Laketiel wout Undifloo

Voribu ote an utruvetion!-
(d) Dong Norton $\rightarrow$

$\rightarrow$ ESepuite Page Neroshtte $\rightarrow$ $\rightarrow$ Yoheo -Sryde elce
*rof. Irventiveir - Nowne
Envivo Conceenst
TClaytor $\rightarrow$ "ACE" junt"looking of
how seaway - works"
Colvloctive $\left\{\begin{array}{l}\text { Lom Level - Senderoor Aug } \\ \text { o Ree vind owmen is }\end{array}\right.$ Shopjis n-
manisio Oputiss micrmanget of nud to set aride I duber an needlo! puiodic!

Not. Amo $\rightarrow$ Nutliyg Nees
DAnsinty Doiw/ Youth El \{Car Boby nety in il

多
Hutton $\rightarrow$
Loch for Spernsors - Cl -Tumisor-
now
10 Morths is Advennat
Cnu--Maturity Buel
Stugion "A doyet a Stugrear"
Lpor 'Schodx' SAsayino
Tanic $\rightarrow$ Endanges Bueciés Permit
Celun on Nor
GIS $\rightarrow$ apperule - Doy stang
(由)Cormouker! ¿Ausilumy Irideg!

- Diche oll GII wonksita
sut 7 ype off EXCOM

Tred ) Lensow $\rightarrow\left\{\begin{array}{l}\text { Now Mrme } \\ \text { SXCOM }\end{array}\right.$
Nominity of 8 peaple +8 nefunide qNeed Names
ALDIT/Zimone $\rightarrow$
Lhe Plail $2006 \rightarrow\{$ last Weak

1) Theses, 7ish fi the Aldene.
2) Canfliell ws miltiots me ityon-
3) Fish $\rightarrow$ Dembable
4) T-Shit sden \& stonlet-Allthwir Wele-Publbil/Manthin /Trabe Show!

$$
\begin{aligned}
& \text { AFs } 2006 \rightarrow \text { syow } 20 \text { pegule } \\
& -20 \text { - hoow }
\end{aligned}
$$

Ma furowt 1200 prayila Pacter c zoos Tpel JocirityFramie FLACR $\rightarrow\{$
Fishey-Antider- INCll

- 10 page Sprad $\rightarrow$

Hoping for Corvertion anter Group

$$
\begin{aligned}
& 10 \% \text { Mony Mule - But No Lo55 } \\
& \text { Albengn At Pecuptionor - Anee }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Web - /15 DE } \\
& \text { Cagenomi a Ecolopr } \\
& 1000
\end{aligned}
$$

# NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY EXCOM MEETING, LANSING, NY <br> JULY 14, 2004 

Attendees: Mark Arrigo, Dawn Dittman, Cara Ewell Hodkin, Bill Gordon, Dick McDonald, Jim McKenna, Allen Peterson, Leslie Surprenant, Emily Zollweg, and John Homa.

New Business. Need to discuss who will represent the Chapter at the Parent Meeting in Madison.
Minutes, J. Homa. Minutes (prepared by Scott Jones) from the last EXCOM Meeting held on April 13, 2004 in Liverpool, NY were reviewed and revised. A motion was made, and seconded to accept the minutes as revised.

Treasurer's Report, J. Homa. Presented a financial statement through the second quarter 2004 (copy attached for the record).

President's Report, B. Gordon.
Provided an update of the NED Annual Business Meeting. Liability insurance issue is still being resolved, there is coverage for meetings but not for other events. The NED needs to resolve the logic of participating in the NE Fish and Wildlife Conference, in part because the geographic area covered by NED AFS and NEFWC do not completely overlap.

Tri-Society Meeting, plans are moving forward for the annual meeting. Several Syracuse hotels/motels were contacted, the Holiday Inn, Liverpool appears to provide the best package. The proposed theme is Integrated Restoration of Ecosystem: Management Techniques to Restore Wetlands, Wildlife, Forest, and Fisheries.

Smith's Inland Fishes of NY is out of print. NYS has "rights" to the book, is the Chapter interested in reprinting?

## COMMITTEE REPORTS:

## Program 2004.

Locale Arrangements: S. Jones (Not present) and Mark Arrigo have indicated an interest in working on the meeting arrangements. It is likely that ESF Conference Services will be used.

Program: E. Zollweg. Has been working on the program theme and will be contacting potential speakers.
Raffle: J. McKenna. Will begin solication of raffle items. Some discussion followed that raffle items may need to be packaged in larger lots due to the tri-society meeting. Also, Jim will consider the use of a "Chinese" or other type raffle for a few select items.

Environmental Concerns: R. Vaas. Not present. It was noted that a public meeting had been held recently in Clayton to obtain public opinion on the proposed enlargement of the Seaway.

Resolutions: B. Gordon. None at this time.
Nominating: Web Pearsall (not present) and Allen Peterson. Will be looking for candidates for presidentelect.

Membership: B. Gordon, Nothing new to report.
Newsletter: D. A. Peterson and L. Surprenant. Needs articles for the summer Newsletter. An effort will be made to provide the Newsletter in electronic format for interested members.

Professional Incentives: W. Pearsall. Not present.
Workshop 2004: D. McDonald. Has had little direct interest (only 6 sign ups to date) show in the GIS Workshop. It was suggested that a specific date be picked and published in the Newsletter to see if there is a better response.

Professional Diversity: D. Dittman and Cara Ewell Hodkin. Reviewed Officer's Handbook and are in the planning/brainstorming stage. The Hutton Program is one item the Chapter supports. Perhaps the name of the committee should be revised?

Student Sub-Unit: M. Arrigo. Mark interviewed Margaret Murphy about past committee activities. He has a list of potential contacts at colleges and universities in the state. These schools may have students interested in fisheries. He will update the list and begin to contact individuals.

Youth Education: C. Ewell Hodkin and D. Dittman. Need to bring in students into field. There is the potential for chapter members to participate in outreach activities at local high schools, BOCES, 4H. Also the Hutton Program is supported by the Chapter.

Native American Affairs: D. McDonald. This is the first time in about ten years that fish stocking was not conducted on the Onondaga Reservation. Dick attempted to contact tribes on Long Island but there was no feedback. Jim Snyder SRMT has shown interest in fisheries issues.

Web Site: W. Snyder. Not present. J. Homa indicated that he would try to get Bill to work on distribution of the Summer Newsletter.

The page can be reached at: http://www.fisheries.org/ned/chapters/newyork/index.html
New Business: J. Homa indicated that he could not attend the Parent meeting in Madison. Web Pearsall and/or Jim McKenna should be able to represent the chapter.

The NYSDEC is presently developing a Comprehensive Wildlife Conservation Strategy (CWCS). Several Chapter Members are participating in the program. Lisa Holst, NYSDEC Albany, is coordinating much of the effort.

A motion was made, seconded and accepted to have the Chapter donate $\$ 100.00$ for the Parent Society auction at the Annual Meeting.

An attempt will be made for a family event (Chapter Picnic) this fall to be coordinated with the open house at the Altmar Hatchery.
Next Meeting. The next EXCOM meeting was scheduled for 10:00 AM, September 15, at Tundíson Lab.

# Agenda <br> New York Chapter of the American Fisheries Society Executive Committee Meeting July 14, 2004 

## Executive Committee:

President, Bill Gordon
Past President, Web Pearsall
President-elect, Jim McKenna
Secretary-Treasurer, John Homa
Secretary-Treasurer elect, Scott Jones
Newsletter Editor, Leslie Surprenant Allen Peterson
Website, William Snyder
Student Sub-Unit,
Professional Incentives, Web Pearsall
Resolutions/Environmental Concerns, Randy Vaas
Native American Affairs, Dick McDonald
Professional Dìversity, Cara Ewell-Hodkins / Dawn Dittman
Youth Aquatic Education,
Workshop, Dick McDonald
Membership, Jim McKenna / Fred Henson
Nominating, Web Pearsall
Audit/Finance, Mark Arrigo
Program, Emily Zollweg / Dan Josephson
Annual Meeting
Lake Placid-2005, Web Pearsall

## 10:00 Call to Order

Minutes from Last meeting
Treasurer's Report
President's Report

- NED Annual Meeting
- 2005 Tri-Society Meeting (location, dates, theme, planning)
- Fishes of New York

Committee Reports
New Business

- 2004 AFS Raffle Donation
- Chapter Dues
- NY Chapter Family Day

Old Business

- 2004 AFS Madison - Homa
- Workshop

Next Meeting

- September $\qquad$ 2004

NEW YORK CHAPTER－AMERICAN FISHERIES SOCIETY－ 2004
John Homa，Jr．Sec／Treas．C／O tchthyological Associates，Summary Treasurer＇s Report Prepared 20040712
$\$ 1,572.00$
$\$ 6,730.00$
$\$ 1,024.00$
$\$ 0.00$
$\$ 0.00$
$\$ 117.06$
$\$ 30.00$
$\$ 0.00$
$============$
$\$ 9,473.06$

$\$=-===========$
YEAR TO DATE


## 




Balance as of January 01， 200


Page 1 50 Ludlowville Road，Lansing，NY 14882


|  | U |
| :---: | :---: |
| 18888898 | \％ |
|  | N |
| ¢ | 犬゙ |


RECEIPTS
Membership
2005 Annual Meeting
Raffle
2004 Workshop
Misc．Workshop
Interest
Other（NY Fishes）
Misc（＊＊＊＊＊＊＊＊）
TOTAL RECEIPTS

## EXPENDITURES

2005 Annual Meeting
2004 Work Shop
Misc．Workshop（Picnic）
Website
Newsletter／Membership Lis1
Postage
Office Supplies
Raffle
Stipens／Best papers／poster／
NED Officer Meeting Expen
AFS National Meeting Expe
Donations
Award Plaques：
Misc（bank fee）
TOTAL EXPENDITURES


- Dreh Mc Denall 10,00
- Bill forder
- Allas -
- Mat -

Enily Zin
fim Mi. Kemn
Daver D.ttm
Gawa.-
Johe H
-NE-Mpenting $\rightarrow$
B.ll covenad $1 / 2$ - Sterge gam up spart -
$\rightarrow$ NED BusinemMunting - Fishinis I/O??-Issue
L Liclility s still an iismen

- Tro-Soc-Mutiyy

21/2urists Soe Forment/Wildife/Fish $\Rightarrow$ Verbel Itdidy Iwn-Lingood-

$\rightarrow$ Suils - Inomi pan 50 rooms
Lade -Scutvorier // Mank Anige
Fistin fNY cone-ort-y-g.id $\rightarrow$ We coned reprial - $\left\{\begin{array}{l}\text { Nysham } \\ \text { Raght. }\end{array}\right\}$
$\begin{aligned} \text { wennen } \rightarrow \text { 'wice' } & \rightarrow \text { wYS-Library } \rightarrow \text {. PDF } \\ & \rightarrow \text { anwel Page hen } 50 \% \rightarrow\end{aligned} \rightarrow$
Bum. Mail $\rightarrow$ Nour Mestre $\rightarrow$
veourdette $\rightarrow$ Welsiter $\rightarrow$ Aestrunic Issm!
$\rightarrow$ End of tugunt.
Wibsites $\left\{\begin{array}{l}\text { chand to complain! } \\ \text { Cordor } \rightarrow \text { B.1 Syyden. }\end{array}\right.$
un $\rightarrow$ Bill Cordror $\rightarrow$ Bril/ Joyder.
"Student - Lib Unt
Marh $\rightarrow$ talmat to Mengar.
LnyGolbex $\rightarrow$ Dubly Cogloxt
$\checkmark$ PM/, Incentimi, N/A
$\circ$ ous whichissun $S N / t \rightarrow$ Geavady Pullia Muhy
20M- UAFCKS
Publii Trepat to mave on -
P. IJC $\Rightarrow$ Twium fluts

- Nat.Am $\rightarrow$ D.ch $\rightarrow$
, 1IITimi logn $\rightarrow$ N. fid onorgaga Nutions- $\left\{\begin{array}{l}\text { Lind } \\ \text { Clais. }\end{array}\right.$
is Tribs $L I \rightarrow$ N. feed bach-
"Daven $\Rightarrow$ St.Dyis - Rertantwi $\rightarrow$ CPA $\rightarrow\left\{\begin{array}{l}\text { IBR } \rightarrow\end{array}\right.$

$$
\text { Cup. dyst } \rightarrow\{
$$

mision Dawide

- Profo Divexity-DAwn $\Rightarrow$ Read Itondbooks Plunini/ Atyje $\rightarrow$ Prain stormiz Hhattow $\rightarrow$
THINK OF NEW NAME:
- Youth -Eduahion $\Rightarrow$
! Bring in Students:
- Ontrearh $\rightarrow$ Toacher H.S. Hand Boces
-4H?
- Levsor Plom on the Wide $\rightarrow$
- Bocess $\rightarrow$ Cuntat $\rightarrow$ "Ryiond"

Wonkshops sipul rop

- 7pughit Nohohgs mued w-20 paghe 4 Ch Cyras
Phermitenshis $\rightarrow$ gimi Mc Kersins 9
Fued beven listing at lloriv.
$\leftrightarrows$ DFC-
Momimiting -wel No
Auditfinain - Mach-olC
Qrozaran $=$ minily- Duff Therre-


$$
2006-\angle . \text { Placid. }
$$

- Bylmosf - wal-rowe-
"Duptli $\rightarrow$ firi $\{$ Angint $\rightarrow$
Chinum Anctim $\rightarrow$ \{Choie Items


$$
\text { Chygte Dues }\{\rightarrow \text { Neen to }
$$

Chyite $\rightarrow$ Picuric $\operatorname{Daz} \rightarrow$
$1 / 2$ prght if $k i d_{2} \rightarrow$ gove timi


- Gbllig-

- Aotman
$\rightarrow$ Trend Arruil Event to move corend $\rightarrow$ witt other events-
- Old-Dopalison -

Wile ar fiom do
Wrat Etors $\rightarrow$

- SwG $\rightarrow$ Spucie Special Conceen $\rightarrow$

Beb Wernen will do
Lisa Halt sat QCondinita
Mutin Sunt $\rightarrow$ 19H
10,00 Sypt 15 H $\leftrightarrow$ Timmions
1003.




# NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY EXCOM MEETING, LIVERPOOL, NY <br> LW YORK CHAPTER AMERICAN FISHERIES SOCIETY EXCOM MEETING, LNERPOOL, NY <br> April 13, 2004 




#### Abstract

Attendees: Bill Gordon, Scott Jones, Dick McDonald, Web Pearsall, Allen Peterson(partially via telephone), Leslie Surprenant, Randy Vaas, Emily Zollweg, Jim McKenna, Dawn Dittman, MiRe Arrigo, Cara Ewell Hodkin, and John Homa.


New Business. None.
Minutes, S. Jones. Minutes from the last EXCOM Meeting held on February 4, 2004 were reviewed and revised. A motion was made by W. Pearsall, $2^{\text {nd }}$ by R. Vas to accept the minutes as revised (passed unanimously).

Annual Meeting Minutes: S. Jones. Minutes from the 2004 Annual Meeting held on February 4, 2004 at the Raddison Inn in Corning were reviewed and revised. A motion was made by W. Pearsall, $2^{\text {nd }}$ by R. Vas to accept the minutes as revised (passed unanimously).

Treasurer's Report: J. Homo. Presented a statement through the end of the first quarter 2004. NYSDEC still owes approximately $\$ 1,000$ in vouchers. Possibly look for a better way to track the voucher and payment system of the State. CD's rate of return has been slowly increasing

President's Report: B. Gordon Bill was contacted by Lynn Brovan in an attempt to ascertain the position of the AFS in holding a tri-society meeting next year in place of our annual meeting. Much discussion took place including positive aspects included better profits for the chapter, possibly less work depending on the persons involved, meeting dates are the same for the three organizations. Negative aspects included, possibly more work depending on the persons involved, lower attendance by Fisheries people, not keen on suggested topic of "Strategies To Do Less With More". Chapter would like to see more of a restoration or management topic as opposed to an administrative one. Bill will look into further and a decision will be made at the next EXCOMM meeting.

Bill will be attending the Northeast Fish and Wildlife Conference. The NYSDEC has agreed to provide room \& board if the Chapter covers the travel and Registration. W. Pearsall motioned for the Chapter to provide funding for travel, registration and reasonable associated expenses for Bill Gordon's trip to the conference, $2^{\text {nd }}$
by J. McKenna (passed unanimously).
John Homa was asked to represent the Chapter at the American Fisheries Society Annual Conference. John accepted. W. Pearsall motioned to provide funding for travel, registration, hotel and reasonable associated expenses for John Home's trip to the conference, $2^{\text {nd }}$ by B. Gordon (passed unanimously).

## COMMITTEE REPORTS:

## Program 2004.

Hutton Program Report: Bill reported that the only firm commitment thus far is from Shackleton Point. They have filed the appropriate paperwork and have been approved to participate. It was not known that the EXCOMM was also supposed to solicit the student participants for this program as well and will do so for the summer of 2005 and potentially find someone for the 2004 position. W. Pearsall motioned to contribute a $\$ 500$ donation to the progratn $2^{\text {nd }}$ by J . McKenna (unanimously passed)

Bylaw Ad Hock Committee: Web is looking for assistance with review and changes to the bylaws and will submit changes to the EXCOMM. These changes will have to be published in the newsletter, voted on by the general membership and approved by parent.

## DRAFT FOR EXCOM REVIEW

Locale Arrangements: S. Jones, (W. Pearsall, A. Peterson. Chair will be decided prior to next EXCOMM meeting depending on location. Priority locationsare F)Uwego, 2) Corning, and 3) Canandaigua However, if we have a tri-society meeting another venue would be likely?

Program: E. Zollweg. Not yet determined but EXCOMM would like to see restoration or management approach rather than administrative approach.

Raffle: B. Gordon. Bill reported that the raffle was near a record bringing in $\$ 1024.00$ (with approximately a $\$ 850.00$ profit).

Environmental Concerns: R. Vaas. No Report
Resolutions: B. Gordon. No Report
Nominating: D. Bryson and Allen Peterson. No Report
Membership: B. Gordon. . We have received our refund from Parent Society and are at 189 members.
Newsletter: A. Peterson and L. Surprenant - What appeared to be a light newsletter has now turned into a full issue. The GIS workshop will be advertised in this issue. If all goes well this issue will be available online. Things are going well with these co-editors and they are always accepting articles.

Professional Incentives: W. Pearsall. Web is looking for nominations for any of the Chapter awards for next year.

Workshop 2003: D. McDonald. Interest from the Annual Meeting did not produce the outcome we were looking for, needs to be advertised on the web site

## Professional Diversity: D. Dittman. No Report

Student Sub-Unit: M.Arrigo - Mark has taken over for Margaret as she will be busy with her NE Division duties. Mark and Margaret will be meeting soon to transfer information to Mark. Contact with colleges should be made, update the database and look for gaps. Mark will give an update at the next EXCOMM meeting.

Youth Education: C. E. Hodkins. No Report
Native American Affairs: D. McDonald. No Report.
Web Site: W. Snyder. Not present. -Make sure to send updates to Bill often. This months newsletter should be available on the website. Possibly could see an invoice from Bill before the next EXCOMM meeting.

Next Meeting. The next EXCOM meeting was scheduled for July 14, 2004 at 10:00 AM in Lansing, NY.

# Agenda <br> New York Chapter of the American Fisheries Society Executive Committee Meeting April 13, 2004 

## Executive Committee:

President, Bill Gordon
Past President, Web Pearsall
President-elect, Jim McKenna
Secretary-Treasurer, John Homa
Secretary-Treasurer elect, Scott Jones
Newsletter Editor, Leslie Surprenant Allen Peterson
Website, William Snyder
Student Sub-Unit,
Professional Incentives, Web Pearsall
Resolutions/Environmental Concerns, Randy Vaas
Native American Affairs, Dick McDonald
Professional Diversity, Cara Ewell-Hodkins / Dawn Dittman
Youth Aquatic Education,
Workshop, Dick McDonald
Membership, Jim McKenna / Fred Henson
Nominating, Web Pearsall
Audit/Finance, Mark Arrigo
Program, Emily Zollweg / Dan Josephson
Annual Meeting,

## 10:00 Call to Order

Minutes from Last meeting
Treasurer's Report
President's Report

- 2005 Annual Meeting
- Committees status
- Hutton Program
- 2004 NE F \& W Conference
- 2004 AFS Conference


## Committee Reports

New Business

- Ad hoc Committee - Lake Placid 2006
- NY Chapter AFS - SWG


## Next Meeting

- July $\qquad$ 2004

Agenda<br>New York Chapter of the American Fisheries Society<br>Executive Committee Meeting April 13, 2004

Executive Committee:<br>President, Bill Gordon<br>Past President, Web Pearsall<br>President-elect, Jim McKenna<br>Secretary-Treasurer, John Homa<br>Secretary-Treasurer elect, Scott Jones ,<br>Newsletter Editor, Leslie Surprenant Allen Peterson<br>Website, William Snyder<br>Student Sub-Unit, $\rightarrow$ Monk Armings<br>Professional Incentives, Web Pearsall<br>Resolutions/Environmental Concerns, Randy Vaas<br>Native American Affairs, Dick McDonald<br><br>Workshop, Dick McDonald<br>Membership, Jim McKenna / Fred Henson<br>Nominating, Web Pearsall<br>Audit/Finance, Mark Arrigo<br>Program, Emily Zollweg / Dan Josephson<br>Annual Meeting,

## 10:00 Call to Order

Minutes from Last meeting
Treasurer's Report
President's Report


- 2005 Annual Meeting
- Committees status
- Hutton Program
- 2004 NE F \& W Conference
- 2004 AFS Conference


## Committee Reports

New Business

- Ad hoc Committee - Lake Placid 2006
- NY Chapter AFS - SWG

Next Meeting

- July $\qquad$ , 2004

Welcome: Web Pearsall opened the 2004 Annual Business Meeting of the New York Chapter American Fisheries Society and welcomed all chapter members.

Last Call for Ballots: The last call for voting ballots was made by Margaret Murphy and elections were closed so the ballots could be tabulated. J. Homa indicated that a quorum was present (Sign-in sheet indicated 48 individuals present).

Minutes: Copies of the minutes from the 2003 Annual Business Meeting (held at the Canandaigua Inn, Canandaigua, New York on January 9, 2003, and as accepted by the EXCOM on $\qquad$ , 2003) as published in the NYCAFS $\qquad$ , 2003 Newsletter were circulated for Chapter review. A motion was made by Margaret Murphy and seconded by Doug Stang. A vote to accept the minutes as published without revisions was unanimously approved.

Treasurers Report: The year-end financial statement for 2002 and proposed 2003 budget were published in the NYCAFS Spring 2003 Newsletter. John Homa indicated that the NYCAFS started with a net worth of $\$ 30,270.51$, had total receipts of $\$ 10,201.18$, and had total expenses of $\$ 12,324.20$, and ended the year with a net worth of $\$ 28,147.49$. The Chapters net worth decreased by $\$ 2,123.02$. Chapter rebates continute to be used by the Chapter, interest rates and income from interest has leveled out. A detailed treasurer's report is attached, including a graph of the net worth of the Chapter from 1989 through 2002. The net worth of the Chapter has increased over the 15 year period but, considering inflation, the net worth of the Chapter continues to remain approximately the same since 1989.

Presidents Report: Web Pearsall delivered thanks to the EXCOMM and the general membership. He also thanked the Parent Society and the Northeast Division for their representation. Web spoke briefly about some key topics for the upcoming year which included the reorganization of the NED schedule, an EXCOMM officers handbook, student participation and the need for insurance. Web highlighted the following topics for the past year of his service, student participation is on the rise and should continue to be a great networking tool for students. Web thanked the NYSDEC and specifically Doug Stang for co-sponsoring the 2006 National Meeting. Web also discussed challenges that arose during 2003 and that will likely continue into 2004 including the liability insurance issue that is directly related to conducting annual workshops and events.

Parent Society: Barb Knuth from the Parent Society presented an update of parent society news and activities.

Northeast Division: Ron Essig of the Northeast Division presented an update of parent society news and activities.

AFS 2004 - Phil Moy gave a brief update regarding the 2004 National Meeting and Conference in Wisconsin.

AFS 2006 - Ed Woltmann presented a brief update regarding the 2006 National Meeting and Conference in Lake Placid, New York.

## Committee Reports:

Annual Meeting: Arrangements and program for the 2005 Annual Meeting will be discussed at the first EXCOMM meeting of 2004.

Audit Report: A review of the Treasurer's information and books was completed by Mark Arrigo. All monies and accounts were found to be in order.

Website: Bill Snyder presented the website in its current form. Although it still needs some work, once up and running it will save time and create a location where chapter members can keep up with chapter business.

Newsletter: Allen Petersen and Leslie Surprenant will continue to co-edit the newsletter which has been very successful this year.

Student Sub-unit: Little activity this year, however several colleges have been inquiring. Follow-up will continue to be strong during 2004.

Professional Incentives: The NYC is adding a new Conservationist Award. See our website or contact Web Pearsall for details. .

Workshop: The GPS workshop will likely take place this year (2004), locations are being solicited from public universities and agency locations.
Membership: Membership will continue to be strongly soेlicited during 2004.
Election Results: President Elect - Jim McKenna, Secretary/Treasurer Elect - Scott Jones

New President: Bill Gordon took his place as Chapter President for 2004 and spoke briefly about chapter plans for the upcoming year including the need to concentrate on focus areas including the need for committee chairs (Local Arrangements, Student SubUnit, and Professional Incentives).

2004 Budget Proposal: Bill Gordon's 2004 budget was presented to the general membership. A motion was made by Web Pearsall and seconded by Bill Snyder. A vote to accept the budget was unanimously approved.

A motion was made by Randy Vaas to adjourn and seconded by Web Pearsall. A vote to accept adjournment was unanimously approved.

## ATTACHMENTS:

Annual Treasurer's Report for 2003
Proposed Budget for 2004

## ORIGINAL

NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2004
John Homa, Jr. Sec/Treas. C/O Ichthyological Associates, Inc.
50 Ludlowville Road, Lansing, NY 14882
Page 2
Prepared 20040412
QUARTLY BALANCE ALL ACCOUNTS
Balance as of January 01, 2004

|  | 12/31/2003 |  | 3/31/2004 |  | 6/30/2004 |  |  | 9/30/2004 | 12/31/2004 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Checking statement | \$ | 1,454.88 | \$ | 2,658.34 | \$ | - | \$ | - | \$ |  |
| - unstanding checks <br> +outstanding deposits | \$ | 834.06 | \$ | - | \$ | - | \$ | - | \$ | - |
| Checking balance | \$ | 620.82 | \$ | 2,658.34 | \$ | - | \$ | - | \$ |  |
| Savings | \$ | 6,352.57 | \$ | 3,358.40 | \$ | - | \$ | - | \$ | 0. |
| rate |  | 0.51\% |  | 0.51\% |  | 0.00\% |  | 0.00\% |  | 0.00\% |
| CD 33605554 mo | \$ | 6,519.64 | \$ | 6,539.34 | \$ | - | \$ | - | \$ |  |
| rate |  | 0.90\% |  | 1.01\% |  | 0.00\% |  | 0.00\% |  | 0.00\% |
| CD 339006316 mo | \$ | 6,647.30 | \$ | 6,669.63 | \$ | - | \$ | - | \$ | - |
| rate |  | 1.01\% |  | 1.01\% |  | 0.00\% |  | 0.00\% |  | 0.00\% |
| CD 33966064 mo | \$ | 4,053.27 | \$ | 4,067.01 | \$ | - | \$ | - | \$ | - |
| rate |  | 1.01\% |  | 1.01\% |  | 0.00\% |  | 0.00\% |  | 0.00\% |
| CD 33965921 mo | \$ | 3,953.89 | \$ | 3,961.72 | \$ | - | \$ | - | \$ |  |
| rate |  | 0.75\% |  | 0.75\% |  | 0.00\% |  | 0.00\% |  | 0.00 |
| Total All Accounts |  | 28,147.49 | \$ | 27,254.44 | \$ | - | \$ | - | \$ |  |

jh2004/md/nycafs2004/treasReport_firstQuarter/accounts/20040412

## ORIGINAL

NE ORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2004 NE Homa, Jr. Sec/Treas. C/O Ichthyological Associates, Summary Treasurer's Report 50 Ludlowville Road, Lansing, NY 14882 Prepared 20040412
Page 1
Balance as of January 01, 2004

|  | \$ 28,147.49 |
| :---: | :---: |
| \$27,254.44 |  |
| 12/31/2004 | YEAR TO DATE |
| \$0.00 | \$420.00 |
| \$0.00 | \$5,715.00 |
| \$0.00 | \$1,024.00 |
| \$0.00 | \$0.00 |
| \$0.00 | \$0.00 |
| \$0.00 | \$69.43 |
| \$0.00 | \$30.00 |
| \$0.00 | \$0.00 |
| \$0.00 | \$7,258.43 |




## 





$$
\begin{array}{r}
\hline \$ 420.00 \\
\$ 5,715.00 \\
\$ 1,024.00 \\
\$ 0.00 \\
\$ 0.00 \\
\$ 69.43 \\
\$ 30.00 \\
\$ 0.00 \\
========= \\
\$ 7,258.43
\end{array}
$$

## EXPENDITURES -

## RECEIPTS

2005 Annual Meeting
2004 Work Shop
Misc. Workshop(Picnic)
Website
Newsletter/Membership Lis1
Postage
Office Supplies
Raffle
Stipens/Best papers/poster/
NED Officer Meeting Expen
AFS National Meeting Expe
Donations
Award Plaques:
Misc (bank fee)
TOTAL EXPENDITURES
NYCAFS2004/2004TREASREPT_firstQuarter20040412

## Scott Jones

| From: | Snyder, Bill [snyderw@MORRISVILLE.EDU] |
| :--- | :--- |
| Sent: | Tuesday, April 13, 2004 9:15 AM |
| To: | 'Scott Jones' |
| Subject: | RE: Ex Comm Meeting April 13-Kleinschmidt Office in Syracuse |

Hi scott,
I'm sending this to you, since I figure you are my best bet for being on email.

I had planned to come in for the
and I am pretty far behind here.
AS far as a website update, my report is as follows:
The site is functional on the www. newyorkafs.org
The problems I had with some of the links have been worked out.
There are still many little details needing attending to, so $I$ will be continually updating and cleaning up the site.
I am waiting to here from fisheries.org about their fixing the NYCAFS link on their site so that it points to our site.
Committee chairs need to remember to keep me in the loop on updates, programs, etc, for anything I may be able to post. $P / C$
Currently there are 21 individuals who are on the email newsletter notification list. I am all set to try out an electronic posting of the next newsletter. When I get a list of new names collected at the annual meeting, I will add to that.
I am set up with our web server host to generate specific email accounts for our officers and committee chairs, I just need to get back to him on that.
Folks need to feel free to nag me about stuff. I respond quite well to that!

Respectfully submitted<
Bill Snyder
nyafswebguy
-.---original Message-----
From: Scott Jones [mailto:Scott.Jones@KleinschmidtuSA.com]
Sent: Friday, April 09, 2004 9:53 AM dcj3@cornell.edu; mark arrigo; Cara_Ewell-
To: 'Bill Gordon'; IALansing@aol.com; dcje@ws.gov; Fred Henson; Leslie Sürprenant; Web Hodkin@fws.gov; Dave Bryson; Emily Zollweg@. EDU; ampeterson@nyseg.com; mmurphy@qeallc.com; Pearsall; Scott Jones; snyderw@MORRISVILL Dick McDonald; jim_mckenna@usgs.gov navypap@twcny.rr.com; ddittman@usgs.go kleinschmidt office in Syracuse Subject: RE: Ex Comm Meeting April 13 - Kleinschmidt Orice in Syracuse Directions to the Kleinschmidt Office for the April 13, 2004 ExComm Meeting.

All points East and West, take the NYS Thruway to the I-81 exit, head south and stay in the Right hand lane exiting at 7 th North Street head west to Buckley Road, take a left heading South about $1-1.5$ miles to Greenfield Parkway (on your left), take the first left and parking the large lot enter through the front door, our suite is 115 .
All points North and South, exit at 7 th North Street head west to Buckley Road, take a
12-Apa1 1-

Damen - Divarith
Mlim - Yorth Ed.

(*) NYCAFS - Spreendshent, Armul Metting
It) (4) Anneal $\rightarrow$ Mutiy - Merthathpir/Emails $\rightarrow$ to B.ll Snyder
2005 Annual Meating

Thunt 1) Doing mane with len
i) Restaration - Ecolojial - In Challung timi

$$
455^{-0} 9
$$

$$
\xrightarrow{\rightarrow \text { Commiten }}=\underline{\text { Emily }}
$$

$$
\text { White Euge-Lohe Moraniz } \rightarrow \text { Hanvitore! }
$$

(vi)(Q) Menbership $\geqslant$ Commition
(*) MANK $\rightarrow$ sturts is (A)

$$
(\mathrm{II}) \rightarrow\{\text { Studert Accudewos } \mathrm{S} Q
$$

$$
\begin{aligned}
& \text { - Tri Soc. - Muting } \\
& \text { He, } \rightarrow \text { Limen Brootainl } \rightarrow \text { Cu-Inteplld. }
\end{aligned}
$$

But Papens Achu \& Miro'

Byluo-Adhoc

$$
\text { DIRK }=\text { Bylews }- \text { Madien }
$$

Recolutioir $\rightarrow$ wo -
Enviromuln SL. Reron L.OUts Sulbmittict An - Legt Mertiogr NY - owT - 8uT = Dip
Mis
ACE $=$ Bulpot $3 C 5$ day trompent in (2004-5)

Motumhs - NO

Loseoth t Ter more dornal PCB 4260 M
( S
(8) Randyy (DFW $\rightarrow$ Fead!
$\rightarrow$ Wel
$\mathrm{SO}_{4} / \mathrm{NO} \times 373-\mathrm{B}$

Iturd. Ro $\rightarrow$ Dredgen $\rightarrow$
Andidfirme s
Nest Mertrer
Assemt of Jm
Corwell Is - YP \& pr Rer, Remini

Drop Div-Danoss
$\rightarrow$ Wower
Minuites
yoneth $\{\rightarrow$
Woushop! Spergle $\left\{\begin{array}{l}\text { Wrat, Inph } \\ \text { spont }\end{array}\right.$
stm Hnit orze
ESF $\rightarrow$ Pry,
$\rightarrow$ Münin_-Eflot $\left\{\begin{array}{l}1500 \\ 1350\end{array}\right.$

$$
\left\{J \cdot h \int_{R I T}^{L}\right.
$$

Set Deto si Nerslitt

$$
\text { Mubushif } \rightarrow \text { Dud } \rightarrow \text { Hown- Brio - Mancis, }
$$


jghermegn.
Bosh - - Gonidehus
(111) $\Rightarrow$

$$
G u_{\mathrm{p}} f(25) \rightarrow \text { Qooks } \rightarrow
$$


Dtrmints $\mathrm{E}-\mathrm{Cly}$
Nhw-LiDlaced-

Dow Basincins

$$
\begin{aligned}
& \text { Allur - Tri Soc } \rightarrow \text { A } \\
& \text { Owege? (B) } \rightarrow \text { Alles hocale } \\
& S_{C} \rightarrow \text { Hen } T_{R 1}=\text { wht } \operatorname{tag} R \text {. } \\
& \text { Load TML }=\text { Entsy. }
\end{aligned}
$$

2006 Arrand Milt L.04nil 2006
-DEC-Rum,

- NyCAFS - TAX Exengt No

Web Trade Shao/ Pallich

$$
\text { 1.moly } 10 \% \text { of Proft" }
$$

Anmial Mertig is Elentrer -
$\rightarrow$ ctleut one per yeen,

$$
\begin{array}{r}
7 \mathrm{Mog}_{6} \rightarrow \text { Swis. Shti hildife Graits } \\
\text { Cno Lill }
\end{array}
$$

(17) Doce of Saugs Jom $\mathrm{Mchonna}{ }^{\infty}$

## MEMORANDUM

Date: August 20, 2004
To: Jan Lubeck
Hutton Program
American Fisheries Society
5410 Grosvenor Lane, Suite 110
Bethesda, MD 20814-2199
From: John Homa, Jr., Sec./Treas.
New York Chapter American Fisheries Society C/O Ichthyological Associates, Inc. 50 Ludlowville Rd., Lansing, NY 14850 Phone: 607 533-8801

Sub: Hutton Program
NYCAFS Donation
As per motion, of the Executive Committee of the New York Chapter American Fisheries we are pleased to present the Parent Society the enclosed check (NYCAFS \# 1175) for Five Hundred Dollars in support of the Hutton Program. It is our pleasure to offer our financial support to this important youth education program.

Cc: W. Gordon, NYCAFS President

Jh2004laptop2004/NYCAFS/20040820_MemoJLubeck_HuttonDonation

Organized 1870 to Promote the Conservation. Development and Wise Utilization of the Fisheries

August 31, 2004

Mr. William H. Gordon, President
New York Chapter AFS
PO Box 51
Brownville, NY 13615
Dear Mr. Gordon:
On behalf of the AFS board, members, and staff, thank you for the generous donation of $\$ 500$ from the New York Chapter to support the Hutton Junior Fisheries Biology Program.

We are very pleased that the Hutton continues to grow and to become more competitive each year. AFS received 328 eligible student applications and 172 mentor or co-mentor applications for the 2004 Hutton Program! The Hutton Evaluation Panel selected 65 students to work alongside their mentors this summer, including students in 27 states and one student each in Puerto Rico, Canada, and Mexico. We look forward to providing this unique experience to more students in 2005!

Enclosed are some Hutton brochures and reprints of the Hutton Report that appeared in the December 2003 issue of Fisheries.

The support of the New York Chapter for this important AFS program is greatly appreciated.

Sincerely,


GNR:j1
Enclosures
cc: John Homa, Jr., Secretary/Treasurer New York Chapter AFS


T- he Hutton Junior Fisheries Biology Program is summer mentoring program for high schoo
students sponsored by the American Fisheries society. The program is designed to promote greate diversity within the fisheries profession by exposing minority and women high school students to caree opportunities in the field of fisheries science.

Students accepted into the program are matched with professional mentors and enjoy a hands on fisheries science experience in a marine
 participating organizations within reasong summer, students work alongside their mentors
collecting samples and assisting with analyzing data.
Although the Hutton focuses primarily
minority and women high school students, any studen minority and women high school students, any studen Students may reapply for the Hutton as long as the are eligible.

A scholarship is provided to students accepted
into the program.


## The Hutton Junior



## Oversight

 management responsibility. The Executive Director provides an annual report on the program to the
Governing Board of the American Fisheries Society.

> Co-Sponsors
> Distrist of Columbia Government Mississippi-Alabama Sea Grant Consortium National Association of Biology Teachers University of Arkansas at Pine Bluff

For more information
American Fisheries Society
Attn: Hutton Program Assistant 5410 Grosvenor Lane, Suite 110 Bethesda, Maryland 20814-2199 (301) 897-8616, ext. 213
hutton@fisheries.org

Subj: $\quad$ Your Radisson Hotels \& Resorts Reservation Confirmation<br>Date: $\quad$ 1/29/2004 11:35:02 AM Eastern Standard Time<br>From: reservations@radisson.com<br>b: JHOMAJR@AOL.COM

THIS IS A POST ONLY E-MAIL, PLEASE DO NOT REPLY.
Dear JOHN HOMA JR.,
Thank you for calling Radisson Hotels and Resorts Reservation Center.
This email is to confirm your reservation.
Below you will find your reservation summary.
Please keep this information for your records.

## YOUR RESERVATION SUMMARY:

Radisson Hotel Corning
125 DENISON PARKWAY EAST
r.ORNING, NY 14830-2786
(い07) 962-5000
Confirmation Number: 1N9QRVB
RESERVATION FOR: JOHN HOMA JR.
Wed Feb 042004 - Fri Fel) 062004
1 Adult 0 Children
American Fisheries Society
55.00 US DOLLARS PER NIGHT GROUP RATE FOR 2 NIGHTS

## *ADDITIONAL TAXES AND SURCHARGES MAY APPLY

Guarantee Policy: GUARANTEED TO MC XXXXXXXXXXXX3482 EXP 02/06.

Cancellation Policy: CXL FROM TODAY THRU FEB 022004 = NO PENALTY.
. TE CXL/NO SHOWS CHARGED 55.00 USD.
$\qquad$
MAKING CHANGES:
THIS IS A POST ONLY E-MAIL, PLEASE DO NOT REPLY.
To modify or cancel this reservation please call our toll-free number at:
1-800-333-3333

The following is a brief description of the hotel for your convenience:
Located in heart of downtown Corning on Historic Market Street and within walking distance to area attractions including Corning Museum of Glass. Corning Incorporated World Headquarters and the Rockwell Museum of Western Art
-"ee hotel features an indoor heated pool and the Grill 125 Restaurant.
Complimentary High Speed Internet (Cable) is available in specified rooms, meeting rooms, lobby and lounge. Hotel does offer Ethernet cards at no cost.

For future reservations please try our web site at:
http://www.radisson.com

| Date | Tanuary 29,2004 | Cat |
| :---: | :---: | :---: |
| To Company Fan Number | Scote Jones $815-463-5 \mathrm{Lag}$ |  |
| From <br> Telephone <br> Fax <br> E-mail | Susie Tr. Palombo <br> Radisson Hotel Conning <br> sales \& Catering <br> (607) 900-6000, Extension 122 <br> (607) 969-1190 <br> 2hlomborfaradissoncorniug.com | $0$ |
| Number of Pages | 6 pages |  |
| Subject | American Fisheries Society New Y Conference - Fehruary 4-5-6, 2000 | apter |
| Hi, Scott... |  |  |
| I am faxing the Banquet Event Order for the conference noting the particulars with projuted pricing (based on the arrangements outlined in the contract). It the details meet with your approval please sign, and fixx to me at $962-4,109$. If you would tike changes or if I heve misunderstood your needs, please let me lnow at your earliest convenience. |  |  |
| The guaranted number of persons attending will berequired by 12 Noon on February 2. All charges will be based on the guaranteed or upon the actual number of persons served, whichever is greater. If a guaranted rumber is not prowided, the expected number shad serve as the guarantere. |  |  |
| Please provide the Radisson Hotel Corning with a Credis Card Account Number and Authorization or a Purchase Order to guarmiee payment for the event. The credit card will not be charged until event services have been completed and a compleve ilemized receipt will be mailed when charges are processed on the credit card. The Radisson Hotel Cominy does not provide direct billing servicas |  |  |
| Thank you for choosing the Radisson Holel Coraing as the site for this event, we look forward to the apportunity of beiug of envice. |  |  |

Radlsson Hatel Corning
125 Denison Parkway East
Corning, NY 14830
Telephone: (\%07) 962-5000
Fax: (607) 962-4199

\author{

BANQUET EVENT ORDER <br> Contract Dale: Thursday, Im | muary 29,2004 |
| :--- | Salesperson: Susfe Palombo

}

Event Name: American Fisheries Society New York Chapter

Custamer Narna; Amcrian Figheries Society New York
Chapter
Address: American Fishtries Socieity New York Chapter
City:
Stata:
Zip:

Contact; Scott Jones
Telepbone: ( 315 ) 345-4529
Fix:
On Slte Contact: Mr, Scott Jones


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| - | - 1 mim | \% | Service |
| $02104 / 2004$ | 06:00 19 m | Tloga | PM Break |
|  | 06:00 pm | Keuka | Snackg |
| 021052004 | 07:00 am | Kulaka | Am Ereak |
|  | 10:30 am | Cayuga | Am Brank |




FMB NOTES:




|  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Chyregis |  | 3rycong | a |  |  |  |  |  |  |
| Roanifore | Whived | \$,0,00 |  |  |  |  |  |  |  | Total |
| Barsorviceam | \$191:80 | \% 0.00 | \$34.30 | \$0.00 |  | 30:90, | , | So. | S0:00: | Walvea |
|  | \$47178:80 | \$000 | \$849.022 | \$0.00 | 5;565.82 |  | 8 | +80:00 | S0.00 | इर25\%8 |
| Grand Tatals: | 54907:80) |  | 5888.40 | 50 | +5,565,82 | \$0. | \$0.00 | \$0,00 | \$0.00 | \$5,565.82. |
|  |  |  | J |  | \$5,701.217 | $\underline{-1}$ | 80:00 | $\therefore$ \$0:00, | 80.00 | 557\%9120 |

A service charge of $18 \%$ on all food and boverage ( $20 \%$ for Off Premises - On Location Sarvices) plus $8.25 \%$ sales tax will by included in your final charges. A portion of the service charge is texabis per New York State Departneent of Taxation \& Finance. The linat guaranteed number of persons and solections are requifed three (3) working Jays in advance. All charges will be based olt the guaranteed or upon the actual numbar of parsons served, whichever is grouter. If a guaranteed number is not provided, the sxpected number sinall serve as the guarantee.

If a meterng or cyant is held longer thas line time curimited, a standard rental fee wil opaly. The Hoter reserves the right to atalyn
 serviced upor availabidity ond a fen will be applied accorvirgly,

The Radisson Hotei Corning holds a license granten by the Now York Sciaie Alooliol Heverafe Commission and is responsibie fol complying with ifs regulations. Neither patrons nor patron's gutsts ate allawed to bring aicoholic beverages into the Hetel. Client may be recuired to sign a Liquar Llability Form.

Alhy set-up or display must be approved through the Cuteritia blanaegr's office prior tu the ewent. Any property of the peliun or patror's guests urought on the premises of the Hotel and left there shafl be at the sole risk of the patron. Tho Hoten will not be libla for any loss or damage to any such property for any reason. The Raxisson Hotel Coming is 1701 ruaponsible for items leit in pubilic; preas, exhibit areas, or guestrooms. Sisfety doposit vaults are available.

Fees for banqut mome, buverage and fond are hased on infonmation glven by tilint at time raservation was made. If buvaring amdop
 persorr, lor the overil as follows:

$$
\text { Ereakfast \$1000 Break } \$ 4.75 \text { Lunch } \$ 10.00 \text { LIrmer } \$ 21.00 \quad \text { Bar } \$ 8.00 \quad \text { HoN donuwres } \$ 7.00
$$

Upon signing this contract, a $50 \%$ deposit of estimated total charges of barquat roum rental, food a beverage, tax and gratuities is required unless otherwise stated. Payment in full based on guaranteed numbers will then be required three business days in advance of the event. It lieu of demosit, client may provide the Radisson Hotel Corning with a Credif Card Authorization to guarantee payment for the event. Credit card will not be charged until event services have been completed and a cumplete iternized receipt will be malled when changes are processed on the credit card. If Client cancels this event or othersise terminates this Contract. the Radisson Hotel Corning may cetain the entire amoumt of the Cllent's deposlt. If the Racisson Hoiel Corning is able to contrach for anoblier event or otherwise resell the banquet space contracted, tha depusit, leas an administrative charge of $\$ 100.00$ will be returned to the client.

Clients will bear dhe sollowing firanted pespuns|bility if the Event is cancelled within the following time periods:

| 3 days | 100\% of Total Evend |
| :---: | :---: |
| 7 days | 100\% BanquetiMesting Room Rental Value and 50\% Beverage and/or Food |
| 14 days | 100\% Banquel/Meeting Room Rental Value plus \$100.00 administrative charg |
| 30 days | $75 \%$ BanquetMeating Ruom Rerital Value plus \$ 100.00 administrative charge |
| 60 days: | $30 \%$ Eanquet/Meeting Room Rental Value plus $\$ 100.00$ administrative charge |
| 90 days | 25\% Banquetluceling Room Rental Value pius $\$ 100.00$ administrative charge |

If signed cillent reschedules this event or new event of equal or greater dollar amount, within 45 days, all cancellation fees; less $\$ 100.00$ administrative oharge vyill Le applied to sutch event.


## Sredll Gard Authorization

a agree that the tredit card listed below may be used for paymont of the outhed charges and thith I am anthorized to make purchases with thit credit moro.

| Authorized sumature |  |  |  | Tite |  | Dalé |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit Card Type: | Visa | Me | A $\sin ^{\text {d }}$ | Discover | Funcris Club |  |
| Cardholder's Namat |  |  |  |  |  |  |
| Accounl Number: |  |  |  |  |  |  |
| Expiration Date: |  |  |  |  |  |  |



## The NY and Coastal components of the USGS Great Lakes Regional

## Aquatic GAP

Analysis project is making progress and we would like to take this opportunity to hold a stakeholder meeting to provide and update and solicit
input. In order to accomplish this, we will continue our tradition of joining with the American Fisheries Society at their New York Chapter meeting. This year, that meeting will take place at the Radisson Hotel in

Corning, NY on February 4th - 6th. The GAP stakeholder meeting will take

place from approximately $5: 30 \mathrm{pm}-6: 30 \mathrm{pm}$ on the evening of February 5 th--concurrent with the poster session. We will give a 20 minute, informal presentation on project status and then have an open discussion
about the project, its development, and both targeted and potential applications.

For those interested in attending the entire AFS meeting:
Registration is $\$ 75$ (members), $\$ 95$ (non-members), $\$ 35$ (students)

Room Rate: $\$ 55 /$ night (single or double, plus tax) Radisson Hotel Corning
125 Denison Parkway East
Corning, NY
(607) 962-5000 or 80-333-3333 (mention AFS NY Chapter
block)

> or www.radisson.com/corningny -- Promo Code: FISH4

Contact me or Dick McDonald (dmcdonald@usgs.gov) for more information about this meeting or the AFS meeting.

James E. McKenna, Jr., Ph.D.
Tunison Laboratory of Aquatic Science USGS/Great Lakes Science Center
Cortland, NY 13045

# New York Chapter American Fisheries Society 2004 Annual Meeting 

# Emerging Fishery Management Challenges: <br> Proactive Approaches for Aquatic Nuisance Species and Fish Diseases 

Meeting Program and Abstracts
February 4-6, 2004
Radisson Hotel Corning, Corning, NY

3:05 PM Tom Jones: Sudden arrival of Escocid lymphosarcoma in Lake Champlain - VT. Dept of Wildlife

3:30 PM Hilary Oles: Adirondack Invasive Plan Program- Adirondack Nature Conservancy
3:55 PM Dr. Randy Jackson: Feeding electivity of double-crested cormorants in Oneida Lake, New York with a critique of the performance of available electivity indices- Cornell Biological Field Station

4:30 PM NY Chapter Annual Business Meeting
5:30 PM GAP Analysis Project meeting
6:00 PM Social
7:00 PM Banquet and Raffle
Friday, February 6, 2004
7:00 AM Breakfast
Contributed Papers Session
8:30 AM Sarah C. Davidson, Sarah E. Wasson: Testing Learning and Memory of Rock Bass by Association of Food with a Visual Cue- SUNY Brockport

8:50 AM Steve Coghlan: Survival and bioenergetic responses of juvenile salmonine to multiple environmental gradients in Lake Ontario tributaries- SUNY ESF

9:10 AM Jessica Bennett: Effects of Methylmercury and Acidity on Macroinvertebrate Gills from the Neversink Reservoir Tributaries- Russell Sage

9:30 AM Tara Clausi: Detecting Contamination Levels in Sediment Cores from the Hudson River with the Bioluminescent Bacterium Vibrio fischeri- Russell Sage

9:50 AM Aaron Bosworth: Genetic Population Structure Among Spawning Aggregations of Northern Pike in the Saint Lawrence River Using Microsatellite Markers - SUNY ESF

10:10 AM Coffee and refreshments
10:30 AM Chuck O'Neill: The National Aquatic Nuisance Species Clearinghouse: Turning the Spotlight on Invasive Species- NY Sea Grant

11:00 AM Chris Castiglione: Great Lakes Aquatic GAP Analysis: Comparisons of the Analysis and Data- USFWS Lower Great Lakes FRO

11:20 AM Dick McDonald: Attributing the NHD with Channel Specific Information: GAP Analysis Techniques- USGS Tunison Lab

11:40 AM Paper awards, Bill Gordon's closeout announcements

# Genetics of Exotic Mussels and Gobies in the Great Lakes: What does DNA tell us about invasions? 

Carol A. Stepien*<br>Great Lakes Environmental Genetics Laboratory, Center for Environmental Science, Technology and Policy, Cleveland State University, MC 219, 2121 Euclid Ave., Cleveland, OH 44115<br>(216) 523-7311, FAX (216) 687-5393, c.stepien@csuohio.edu

Genetic variability and structure of nonindigenous versus native populations are compared for dreissenid mussels (zebra mussel Dreissena polymorpha and quagga mussel $D$. bugensis) and neogobiin gobies (round goby Neogobius melanostomus and tubenose goby Proterorhinus marmoratus), which invaded the North American Great Lakes from Eurasia through ballast water during the mid 1980s through early 1990s. DNA sequence variation in the mitochondrial DNA cytochrome $b$ gene is compared from invasive populations in the Great Lakes and Eurasia, and native Eurasian populations, in order to elucidate possible founding sources and evaluate whether genetic variability influences invasive success. Congeners are analyzed to develop diagnostic genetic characters for identifying "cryptic" species and relatives in case of undetected and/or new invasions. These include 6 additional Neogobius species (including the monkey and racer gobies that have been "on the move" in Europe), the knout goby Mesogobius batrachocephalus from the Black Sea, Dreissena rostriformis from the Caspian Sea, and D. stankovici from Albania/Macedonia. Results show that a diverse number of haplotypes characterize invasive populations from both North America and Eurasian sites, fitting a risk analysis prediction of high genetic variability in their successful introductions and - surprisingly - indicating little or no founder effects. Data also indicate that there were multiple founding sources for the zebra mussel and round goby invasions of the Great Lakes. Phylogenetic results show that Proterorhinus and Mesogobius are not separable genera and need to be synonomized with Neogobius. In addition, there are two separate species of Proterorhinus ( $=$ Neogobius) marmoratus, a marine P. (N.) marmoratus in the Black Sea (matching the original type locality), and a freshwater $P .(=N$.) rubromaculatus (originally described from the Danube River but later synonomized with P. marmoratus) - in the Danube River, as well as the Great Lakes. In contrast, Dreissena bugensis and D. rostriformis are very closely related - but distinguishable by DNA characters.

## An Overview of New and Emerging Diseases of Fish

## Paul R. Bowser

Aquatic Animal Health Program, Department of Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, New York 14853-6401, e-mail: prb4@cornell.edu

During the past several years the fisheries community in the United States has been faced by several new and emerging diseases of fish. Some of these diseases have been known for many years in other parts of the world while others appear to be newly emerging conditions. The primary focus of this presentation will be to discuss Spring Viremia of Carp, Koi Herpesvirus, Mycobacteriosis in fish and Heterosporosis of Percids. A two additional diseases, Largemouth Bass Virus and Botulism in fish will be described in detail by other presenters.

Spring Viremia of Carp (SVC) is an acute hemorrhagic and contagious rhabdoviral infection that was first described in 1971 in Yugoslavia. The first two outbreaks of SVC occurred in the United States in 2002. One occurred at a private koi hatchery near the North Carolina/Virginia border. The second occurred in wild common carp in Cedar Lake, Wisconsin. Later evidence indicated that the virus may had spread to the Mississippi River. In the summer of 2003, SVC was confirmed for a third time in the United States, being found in the Calumet-Sag Channel near Chicago, IL. SVC is listed as a notifiable disease by the Office International des Epizooties (OIE), in the International Aquatic Animal Health Code. The great concern with SVC is that it does not appear to be host specific and may impact on many fish species in the Family Cyprinidae. SVC has not yet been found in New York State.

Koi Herpesvirus is a relatively new herpesvirus disease of common carp and the ornamental koi carp (a strain of common carp). Outbreaks occurred on several Israeli farms in 1998 and 1999. In 1998 similar outbreaks occurred at farms from the Mid-Atlantic States, and in 1999 additional outbreaks occurred in southern California. During the summer of 2003, we diagnosed Koi Herpesvirus in fish from a private pond in New York. In contrast to SVC, the Koi Herpesvirus appears to be very host specific, infecting only common carp and koi carp.

Fish Mycobacteriosis is a chronic bacterial infection that is caused by various species within the Genus Mycobacterium. The disease has been known for many years in the aquarium environment and more recently has been diagnosed in recirculation aquaculture systems. In recent years, there have been increasing reports of this infection in striped bass in the marine environment of the Mid-Atlantic States. We have diagnosed Mycobacteriosis in striped bass from the Marine District of New York. The concern with this disease centers around the fact that it is zoonotic. In humans the disease is typically characterized by raised skin lesions that may ulcerate. Antibiotic therapy in both humans and fish had been challenging.

Heterosporosis of Percids is parasitic infection of the muscle of fish. The severe infections of this disease have recently been reported for yellow perch and walleyes of the Upper Midwest of the United States. The parasite infects the muscle, causing severe hemorrhagic lesions. No treatment is known. Although we have observed sporozoan infections of the muscle of fish in New York State, they have not demonstrated the degree of severity of infections found in fish in Wisconsin, Minnesota and Michigan.

# Sudden Arrival Of Esocid Lymphosarcoma In Lake Champlain 

T.E. Jones, Fish Health Biologist

Vermont Fish \& Wildlife Department, 103 South Main Street, 10 South, Waterbury, VT 05663
In the winter of 2002, Esocid lymphosarcoma was documented in adult northern pike from Lake Champlain. This finding was the first documented case of the disease in Vermont. Questions were raised about the possibility of this condition being a newly introduced fish pathogen to Lake Champlain. Questions have also been raised on the potential consequences that this condition may be having on the overall health of the Lake Champlain fishery. Initial documentation, public awareness efforts, and future investigation of the disease will be discussed.

## A "Grass Roots" Initiative to Protect the Adirondack Park from Non-native, Invasive Plants: The Adirondack Park Invasive Plant Program

Hilary Oles, Program Coordinator; c/o Adirondack Nature Conservancy, PO Box 65, Keene Valley, New York 12943; tel 518-576-2082; fax 518-576-4203; holes@tnc.org; www.adkinvasives.com.

Invasive plants are expanding in the Adirondack Park to the detriment of native plant communities and associated organisms. The Adirondack Park Invasive Plant Program (APIPP) provides the expertise and framework for invasive plant monitoring, management, and community outreach in the 2.4 million hectare Adirondack Park through area-wide partnerships. This "grass roots" strategy emphasizes citizen-based stewardship to detect and respond to invasive plant infestations while building consensus for resource protection in the Park. Priorities for monitoring are determined within "Core-" and "Border Conservation Areas", defined by the Park's geography and ecological integrity. A Community Advisory Panel representing the Park's "Core Communities" serves as liaisons to the public and provides counsel to APIPP partners. APIPP's successes are highlighted by a park-wide volunteer aquatic invasive plant training, monitoring, and mapping program initiated in the fall of 2001. In two field seasons, APIPP offered numerous public and staff training sessions in plant identification and monitoring techniques and recruited 88 volunteers who surveyed 91 waterbodies for aquatic invasive plants. Information collected in these efforts and from other plant monitoring programs in the Park are compiled within an internet database and adapted for an APIPP website that serves the public and professionals alike. The website, community presentations, and secondary materials contribute to a regional educational campaign that links efforts of watershed groups to increase local awareness about invasive plant issues facing the Adirondack Park.

APIPP partners use inventory information to direct survey and outreach efforts and are now striving to develop integrative plant management strategies based on ecological relationships and collective problem solving.

# Testing Learning And Memory Of Rock Bass By Association Of Food With A Visual Cue 

Sarah C. Davidson ${ }^{1}$, Sarah E. Wasson ${ }^{1}$, Brian R. Roosa ${ }^{2}$ and James M. Haynes ${ }^{2}$
Department of Environmental Science and Biology, SUNY at Brockport, 350 New Campus Drive Brockport, NY 14420-2973, 585-395-5783, jhaynes@brockport.edu

Cognitive capabilities by which organisms improve their abilities to find food are critical to the shortterm survival of individuals and the long-term survival of species. We explored the cognitive capabilities of a common fish in northeastern North America by testing three hypothesis: 1) rock bass (Ambloplites rupestris) can learn to associate food with a visual cue; 2) trained fish will go to a visual cue faster than untrained fish; and 3) over time trained fish will increasingly fail to associate food with a visual cue without reinforcement. Our results support all three hypotheses. During the first 96 h of testing, $88-100 \%$ of trained fish went to the visual cue first, but none of the untrained fish did, and trained fish went to the visual cue 4.8-20.5 times faster than untrained fish. At $312 \mathrm{~h}, 50 \%$ of the trained fish still went to the visual cue first, and none of the untrained fish did, but the velocity difference (3.6 times faster for trained fish) was no longer significant. Our results suggest that if rock bass use these abilities in their natural habitats they may be able to improve foraging efficiency and, thus, their overall fitness.
${ }_{2}^{1}$ co-equal undergraduate first authors; order decided by coin toss
${ }^{2}$ advisors

## Effects of Methylmercury and Acidity on Macroinvertebrate Gills from the Neversink Reservoir Tributaries

Jessica D. Bennett- Russell Sage College

Aquatic macroinvertebrates were collected from five sites selected from the Neversink Reservoir tributaries in Sullivan County, New York and studied for gill abnormalities. Methylmercury concentrations were analyzed in composite samples representing individual trophic levels at all five sites and ranged from 0.0011 ppm wet weight in Pycnopsyche sp. (Northern Case Maker Caddisfly) to 0.01005 ppm wet weight in Pteronarcys proteus (Giant Stonefly). Measurements of pH taken at each of the five sites ranged from 4.97-6.8.

From the field study data, gill hematomas were observed at each site including the control. The most impaired site was Tison Estate, in which macroinvertebrates contained 0.00205 ppm wet weight methylmercury and the water had a pH of 5.34. At this site, $48 \%$ of the collected Epeorus (Iron) sp. (Flat Head mayflies) and $80 \%$ of the Siphlonurus sp. (Primitive Minnow mayflies) displayed hematomas within their gill lamellae.

In the laboratory, field collected specimens were exposed to $\mathrm{pH} 4,5,6$ and 9 and to methylmercury concentrations of 0.6 ppm at $\mathrm{pH} 4-5$ and pH 7 and 0.3 ppm at $\mathrm{pH} 4-5$ and pH 7 to mimic field conditions.

It is known that Ephemeroptera (mayflies) are the most sensitive of aquatic macroinvertebrates and are usually unable to survive in acidic environments with a pH less than 6.5 , however, this was not seen here, possibly due to the increased flow velocity at each of the sites studied.

## Detecting Contamination Levels in Sediment Cores from the Hudson River with the Bioluminescent Bacterium Vibrio fischeri

## Tara N. Clausi- Russell Sage College

The Microtox $\circledR^{\circledR}$ assay is a method that utilizes the bioluminescent bacterium Vibrio fischeri, to determine toxicity of sediments and water. This test method was used to determine the toxicity of five sediment core samples from the Hudson River. It is known that these sites may have been contaminated with a mixture of toxins, including PCB. This test is a more efficient method of determining overall toxicity before more specific testing is carried out. The samples were collected from four different sites on the Hudson River using a Watermark sediment corer. Samples were taken from Poughkeepsie, NY, Griffin Island, Stillwater and above the Feeder Dam, near Glens Falls. The Feeder Dam site was the control because this site is located above the GE plant in Fort Edward NY, which is the site of much contamination. The samples were separated by depths of $0^{\prime}, 1^{\prime}, 2^{\prime},>2^{\prime}$ respectively. All testing was carried out at the Department of Environmental Conservation Hale Creek field station in Gloversville, NY. Preliminary results show that there is a correlation between depth and level of toxicity at the Poughkeepsie site. However there seems to be no correlation with depth and level of toxicity at other sites.

All Clearinghouse information is accessible to any researcher, agency, industry, utility, student, or other individual or group having need of the information via electronic mail, fax, toll- or toll-free telephone, written requests, or visits to the Clearinghouse. A new, keyword outline and full text searchable electronic database of the Clearinghouse's Technical Library Bibliography is now available on the Clearinghouse $=\mathrm{s}$ revamped, user-friendly World Wide Web home page (www.aquaticivaders.org). Citations include: author(s), title, document source and date, an annotation, type of publication, document length, language in which the document is written, whether the document is available from the Clearinghouse or direct from some other source, and the copying/mailing fee from the Clearinghouse. Most documents are available directly from the Clearinghouse on interlibrary loan and can be ordered via a convenient on-line "shopping basket." The web site also contains a series of detailed maps charting the range expansion of the zebra mussel and the "quagga" mussel in North America since 1989, information on a number of other informational and educational materials available from the Clearinghouse as well as extensive "hot links" to other ANS/NIS web sites.

The Clearinghouse's quarterly publication, Aquatic Invaders, presents papers on a variety of ANS/NIS and related topics such as: research, policy, impacts, new introductions, ballast water, education and outreach, and control measures as well as highlighting library holdings, useful web sites, and meeting announcements.

The Federal Aquatic Nuisance Species Task Force and its various Regional Panels, the National Invasive Species Council, and numerous other state, federal, and international agencies and institutions utilize the Clearinghouse as a major channel for extending information on zebra mussel, aquatic nuisance, nonindigenous, and invasive species spread, research, and policy initiatives to all interested audiences.

## Great Lakes Aquatic GAP Analysis: Comparisons of the Analysis and Data

## Chris Castiglione <br> U.S. Fish \& Wildlife Service, Lower Great Lakes Fishery Resources Office

The Aquatic Gap program is a component of the National Gap Analysis Program developed to better understand the biological diversity of aquatic species and identify gaps in the distribution of these species and their habitat. Headed by the U.S. Geological Survey, the regional Great Lakes Aquatic GAP analysis project focuses on the large-scale spatial analysis of habitat and species distributions within the Great Lakes basin. Scientists, land managers, and policy makers can use the information from this analysis to make better-informed decisions for protecting the fisheries and their resources.

A biological approach and a habitat approach can be used to determine the actual and predicted distribution of aquatic species. A brief discussion on these approaches will be presented along with a comparison of the varying scales of source data from the National Hydrographic Dataset (NHD). In addition to the different approaches, the Great Lakes Aquatic GAP analysis project is developing a similar analysis for the nearshore portion of the Great Lakes. This draft framework will be discussed along with the practical uses, limitations, and benefits of the data produced by the Great Lakes Aquatic GAP analysis project.

# A method to identify rare inland fishes of New York suited for protection. 

Douglas M. Carlson and Robert A. Daniels
D.M.C., NYS Dept Environmental Conservation, 317 Wash. St., Watertown, NY

13601 (315-785-2262), dmcarlso@gw.dec.state.ny.us); R.A.D., NYS Museum, Albany
An objective system of classifying fishes according to rarity provides a useful basis for conservation programs that can assist in restoring imperiled species. A list has recently been completed which ranks the most commonly caught to the least commonly caught fishes in inland waters of New York, with 176 taxa ( 171 species) found in nineteen watersheds. Twelve species are now extirpated from New York waters, and 26 other species have disappeared from at least one of their historic watersheds. The rare species are sometimes difficult to categorize, and 57 native species which are infrequently caught, are listed as candidates for special consideration. Currently there are 19 species classified as threatened or endangered, and five of these are extirpated. There is need to update these classifications for New York's rare fish species because of recent findings and a general lack of confidence in the classifications from earlier. After reviewing methods of classifying used in other states, like Ohio, Pennsylvania and Colorado, we propose a selection method that uses a combination of factors that include the number of recorded catches, the number of watershed units inhabited, the severity of species decline and the vulnerability to disturbance. The process would also include an independent review and scoring of the status of these candidate species by fisheries experts. The final list will include species meeting these criteria, will follow the expert review, and a will be published.

## Predicting the effects of dam removal on aquatic communities in the Salmon River, New York

John E. Cooper, Jason Toner, John M. Farrell<br>College of Environmental Science and Forestry, SUNY, Syracuse, NY 13210

Dams present a barrier to fish migration that may reduce or eliminate some fish species in upstream areas and may also reduce unionid mussel populations through the loss of fish hosts. There are nearly 3000 dams in New York State, primarily in the Susquehanna and Hudson river drainages. The Fort Covington dam (Franklin County) is a run-of-river mill dam on the Salmon River that contributes to flooding of the village. This project was designed to use the removal of the dam as an exercise that would enable us to predict the effects of removing similar dams in New York. Our preliminary results indicate that overall water quality is high although only $18 \%$ of EPT families and $22 \%$ of all invertebrate families collected occur in the reservoir area above the dam. Thirty-eight fish species have been collected and only eight species are likely to be restricted in movement by the dam. The distribution of the unionid mussels Elliptio complanata and Lasmigona compressa does not seem to have been affected by the dam. The removal of the dam will open 14 miles of river to migrating fishes and increase mayfly, stonefly, caddisfly, and midge density in the expanding riffle areas.

# Status of Wild Brook Trout In Adirondack Ponds 

William H. Gordon*
New York State Department of Environmental Conservation, Bureau of Wildlife, Region 6, 317
Washington Street, Watertown, NY 13601, (315) 785-2254, FAX (315) 785-2242,
whgordon@gw.dec.state.ny.us
Richard J. Preall
New York State Department of Environmental Conservation, Bureau of Fisheries, Region 5, PO Box 296, Ray Brook, NY 12977, (518) 897-1333, rxpreall@gw.dec.state.ny.us

Patrick J. Festa (retired)
New York State Department of Environmental Conservation, Bureau of Fisheries, 625 Broadway, Albany, NY 12233-4753, (518) 402-8892

Daniel C. Josephson
Cornell University, Adirondack Fisheries Research Program, PO Box ??, Old Forge, NY ???, (315) 369-6781, dcj3@cornell.edu

Historically, coldwater Adirondack ponds maintained an abundance of wild, self-sustaining brook trout (Salvelinus fontinalis) populations. In contrast, the current number of wild brook trout populations inhabiting Adirondack ponds is considered to be low. As of 1979, less than $5 \%$ of Adirondack brook trout ponds, supported wild populations. Since then, a vigorous stocking strategy, applied in conjunction with pro-active fisheries management programs has been successful at maintaining the distribution of brook trout throughout the region. Despite this success, which has resulted in a substantial net gain in the number of ponds supporting populations of self-sustaining wild brook trout, the overall region-wide number remains relatively low.

Fishery assessment and research efforts have identified impediments to wild trout recruitment that continue to affect Adirondack ponds. These impediments include competition and predation from introduced fish species, acid deposition impacts, loss of groundwater quantity and quality, loss of spawning and nursery habitats, emigration of mature fish, and behavior of stocked strains. Ongoing pond reclamation and liming programs are designed to overcome impacts associated with two of the above impediments. Future Adirondack brook trout restoration efforts will include a systematic approach for identifying and overcoming remaining impediments.

## The creation of artificial spawning habitat for lake sturgeon in the opportunities, constraints and site longevity.

JOHNSON, J.H. ', S. LAPAN² , R. KLINDT ${ }^{3}$, A. SCHIAVONE ${ }^{3}$, and J. SYNDER ${ }^{4}$. 'Tunison Laboratory of Aquatic Science, Great Lakes Science Center, 13045. ${ }^{2}$ New York State Department of Environmental Conte Department of Environmental Conservation, P.O. Box 292, Cape Vincent, NY 13618. ${ }^{3}$ New ${ }^{4}$ St. Regis Mohawk Tribe, Environmental Division, 412 317 Washington Street, Watertown, NY 136
State Route 37, Hogansburg, NY 13655.
In all but a few areas, populations of lake sturgeon (Acipenser fulvescens) are greatly reduce few throughout their native range in North America. Thr. Historically, lake sturgeons were sufficiently remaining populations of lake sturgeon in New York. Hemmercial fisheries. The life history abundant in the St. Lawrence River to support importany be the loss of swift-water spawning habitat. bottleneck for lake sturgeon in riverine ecosystems dammed for navigation, hydroelectric, or flood These habitats are greatly impacted when rivers are lake sturgeon in the St. Lawrence River is thought to control purposes. Although natural recruitment of ls, sturgeon were discovered spawning on an artificially be minimal because of dam/habitat related impacts, Based on assessment of average embryo viability placed gravel bed in the river at Ogdensburg, NY. Base estimate that about 170,000 sturgeon eggs hatched $(61.6 \%)$ and egg-to emergent fry survival ( $17.6 \%$ ) producing over 48,000 emergent fry. Egg deposition physical characteristics found at the Ogdensburg having the highest water velocities over the bed. Uning sites were created below the Moses-Saunders Dam site, three smaller artificial lake sturgeon spawning sioning is suspected but was not confirmed at one of by the St. Regis Mohawk tribe. Lake sturgeon spawng habitats below the dam may be due to better these sites. The low success of the artificial spargeon below the dam. It took three years for each site to natural spawning habitat that is available to sturgeonora growth. It is likely that periodic maintenance become heavily impacted with sediment and fladophor of acumulated sediment from the substrate and the of artificial spawning habitat, including the flushing this enhancement technique for lake sturgeon in the addition of new stone,
St. Lawrence River.

# Strategic Monitoring of Mercury in New York State Fish 

Howard Simonin, Jeff Loukmas and Larry Skinner
Bureau of Habitat, New York State Department of Environmental Conservation

This 4-year project began in June 2003 and will greatly improve our understanding of mercury in New York State. Atmospheric deposition of mercury is now recognized as the primary source of this toxic chemical to many remote lakes and ponds. Both human health and environmen roject we occur when mercury concentrations in fish are high. As a part of 100 lakes where we currently have no data. sample fish and report mercury concentrations from overrently includes fish from about $5 \%$ of the lakes This will greatly add to our mercury database which curain lakes with historical mercury data in order to in New York State. We also will sample fish from ceraouth and smallmouth bass, walleye and yellow determine potential trends. We plan to focus on larg to accumulate high mercury concentrations and thus perch, since these piscivorous fish have been sholing will be conducted in cooperation with regional are good indicators of potential problems. Sampling dirondack Lakes Survey Corporation in northern DEC fisheries staff and with the assistance of themistry will be funded by the NYSERDA grant. Data New York. Analyses of fish tissue and water concentrations across New York State and an analyses will result in an assessment of mercutrations. evaluation of possible trends in these concentrations.


New York Chapter - American Fisheries Society

## Proposed 2004 Budget

Project Revenues
2005 Annual Meeting ..... \$6,000.00
Membership Dues ..... \$2,250.00
Interest ..... \$250.00
Raffle ..... $\$ 500.00$
2004 Workshop ..... \$3,000.00
Total Revenues \$12,000.00
Projected Expenses
2005 Annual Meeting ..... \$6,000.00
Office Supplies ..... \$100.00
Postage ..... $\$ 500.00$
Newsletter/Membership List ..... $\$ 700.00$
Workshop ..... \$1,800.00
Donations ..... $\$ 500.00$
Awards for Best Papers ..... $\$ 300.00$
Student Travel Award for NED or Parent Meeting ..... $\$ 250.00$
Web Page ..... \$500.00
Raffle ..... $\$ 200.00$
NED AFS Meeting - Travel/Expense ..... $\$ 400.00$
AFS Parent Meeting - Travel/Expense ..... $\$ 750.00$
NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2003
John Homa, Jr. Sec/Treas. C/O Ichthyological Associates, Summary Treasurer's Report 50 Ludlowville Road, Lansing, NY 14882 Page 1
Balance as of January 01, 2003

| \$ | 30,270.51 |
| :---: | :---: |
| YEAR TO DATE |  |
|  | \$2,713.48 |
|  | \$5,970.00 |
|  | \$966.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$521.70 |
|  |  |
| $\$ 0.00$ |  |



## त्र N N N N

Ed 8893 efwoltmae
Comoito Repts:
Cority $\rightarrow$ Anernel Manty 117 preaple -
$\rightarrow$ Wele sitas. - Bill Smagder. Lots of Ation
www newyorkafs, org
3 Go Govertar.
\$1201ys Domain
Eav Cument Newshets Nous Ontine
Soy den Wre moris tle cuban

- Newlettec - Lecitoo.

$\rightarrow$ Lank to Shach Hrofermon
Neen Oraphan Lower
MMany Mayyy - C QEA. but.E
Widresson -
Pret, Irceatine - web
Corcenvation Awand
Accepted by Ex CoM
- B,L, Baily
- Brane Cevipatar

Berioution-no
mha no
min no
 Be. a Mento

$$
\begin{gathered}
\text { Workshop-Dich } \\
\text { Cis-Tehnai }
\end{gathered} \text { 3locetin }
$$

Mendu shap

$$
\rightarrow 228-222
$$

5y NewMerle CD!-
3 Prachtsol
Inventives
? Ontain
Dominimico -
Slehi - Muygts
Jin Mc knam - Irut
Sattform - sec Tresh
Panl mikain 3 Csent Bill Gorke
Der Eivisten
Wile Penant -
Gordn Bucpf 12,000/12,000. $\left.\begin{array}{c}100 \\ 100 \\ 500\end{array}\right) 250$ Web Mole

Dro Rems Inccher-
Studat fabe llmit
Aman MiN

## Change of Officer Report

| Unit Name: New York Chapter...................................................................................................................................................................................................................Officer Change |  |
| :---: | :---: |
|  |  |
| Term in Office From Year: Jan/Feb 2004 To Year: Jan/Feb 2005 |  |
| President | Name William Gordon. |
|  | Address NYSDEC, State Office Building, Watertown, NY, 13601.. |
|  | Phone and Fax 315-785-2254, 315-785-2242. |
|  | E-mail whgordon@gw.dec.state.ny.us........... |
| President- <br> Elect |  |
|  | Name James McKenna. |
|  | Address USGS, Tunison Laboratory 3075 Gracie Road, Cortland, NY 13045 |
|  | Phone and Fax 607-753-9391 ext 21, 607-753-0259 |
|  | E-mail jemckenna@usgs.gov......................................................................... |
| Vice- |  |
| President | Name |
|  | Address.. |
|  | Phone and Fax |
|  | E-mail.. |
| Secretary- <br> Treasurer | Name John Homa |
|  | Address Ichthyological Assoc. Inc. 50 Ludlowville Road, Lansing NY 14882 |
|  | Phone and Fax 607-533-8801 |
|  | E-mail ialansing@aol.com...... |
| NewsletterEditor | Name Leslie Surprentant - PO Box 10 Palenville, NY 12463 |
|  | Address 845-256-3070 ljsurpre@gw.dec.state.ny.us............ |
|  | Phone and Fax Allen Peterson, NYS Electric \& Gas, 130 Genesis Court, Owego, NY 13827 |
|  | E-mail 607-762-7072 ampeterson@nyseg.com ....................................................... |
| Past <br> President | Name Webster Pearsall. |
|  | Address NYSDEC 6274 East Avon-Lima Road, Avon, NY 14414 ............................. |
|  | Phone and Fax 585-226-5339, 585-226-8051. |
|  | E-mail wepearsa@gw.dec.state.ny.us .. |


| Other | Name .. |
| :---: | :---: |
|  | Address |
|  | Phone |
|  | E-mail. |

Annual Meeting Date (s)...Jan/Feb.................................. Location (city, state)..varies.
Contact Person..Bill Gordon-........................................... Contact Phone \& e-mail see above
Return form to: Units Coordinator at American Fisheries Society, 5410 Grosvenor Lane, Suite 110, Bethesda, MD 20814 or fax to (301) 897-8096, cfranco@fisheries.org or call (301) 897-8616 ext. 201

# NEW YORK CHAPTER AMERICAN FISI ERIES SOCIETY ANNUAL BUSINESS MEETING, INN ON CAN NDAIGUA LAKE, NY <br> JANUARY 9, 2003 

Welcome. David Bryson opened the 2003 Annual Business Meeting of the New York Chapter American Fisheries Society at 4:35 PM and welcomed all chapter members.

Last Call for Ballots. The last call for ballots for the NYCAFs annual election was made and elections were closed so the vote could be tabulated. J. Home dicated that a quorum was present. [The sign-in sheet listed 49 individuals].
Minutes. Photocopies of the minutes from the 2002 Annual Business Meeting (held at the Canandaigua Inn, Canandaigua, NY on January 24, 2002, and as accepted by EXCOM on August 12,2002 ) as published in the NYCAFS September 2002 Newsietter were circulated for Chapter review. A motion was made, and seconded to accept the minutes as published and the members voted to approve the minutes without revision.
Treasurer's Report. The year-end financial statement for 2001 and proposed 2002 budget were published in the NYCAFS Spring 2002 Newsletter. John Homs indicated that the NYCAFS started 2002 with a net worth of $\$ 28,790.11$, had total receipts of $\$ 9,736.12$ and had total expenses of $\$ 8,255.72$, and ended the year with a net worth of $\$ 30,270.51$. The chapter's net worth increased by $\$ 1,480.40$. Chapter rebates, continue to be used by the Chapter, interest rates and income from interest continues to decline. A detailed trea ure's report is attached, including a graph of the net worth of the Chapter from 1989 through 2002. The net worth of the chapter has increased over the fourteen-year period but, considering inflation, the net worth of the chapter continues to about the same as it was in 1989.
News from the Parent Society. Fred Harris (President, Parev: Society) presented an update of parent society news and activities.
Old Business. The chapter did not have any old business itere to discuss.

## COMMITTEE REPORTS:

Audit/finance. Lars Rudstam, not present. Randy Vaas indic ed that he had audited the Chapter Records and had found them complete and in order.
Program 2003. John Farrell. It was noted that 2003 Annual ieeting Restoring Natural Flow Regimes: Dam Removal as a Tool in River Restoration is the second annual meeting in a row to be very successful. Hard work of many individuals was noted. Web Pearsall noted that organizations that provided donations for the raffle have been isted in the program. The raffle helps support student activities such as attendance at the annud meeting. Web was responsible for locale arrangements
Program 2004. The Chapter is always looking for ideas and Al for annual meetings. Scott Jones will take the lead on locale arrangements. It is likely the: meeting will be held in Syracuse.

Web Site. Dave Bryson indicated that the chapter was working with Bill Snyder (SUNY Morrisville). It was noted that Patty Thompson has done a great job on the site through the NED site. A gift certificate will be forwarded to Patty.
New Business. It was noted that the 2006 Parent Society meeting was slated for Lake Placid.
Election Results. The ballots were tallied and William Gordon received the majority of votes for president-elect.

Installation of New Officers. Past presidents John Farrell and David Bryson escorted Webster Pearsall to the podium where he was installed as Chapter President.

Web provided a brief statement of some of his objectives for the year, including:
Increasing chapter membership
Chapter stewardship, looking for actives to benefit members
Improved communications, networking, and web site
The proposed budget for 2003 was presented for review and discussion. A motion was made and seconded to accept the budget as presented and members voted to approve it.

As there was no additional business, a motion was made, passed, and the meeting was adjourned.
Noted for the Record. The best paper/poster awards for the conference were as follows:
Professional Paper James Jackson - Status Lake Sturgeon Oneida Lake Student Paper Jesse Lepak - Isotope Measurements Indicators of Diet Shift in Lake Trout
Poster Katie Lee - Toxicity Mosquito Insecticides to Crayfish.
Md/JH2003/NYCAFS2003/min_annual03FINAL20030404.doc
Attachments:
Annual Report for 2002
Proposed Budget for 2003
Sheet! Chart I


$$
\text { Set 7-14, } 2006
$$



## AF 2006 General Meeting Goals

Provide a meeting outside of the ordinary that will be remembered fondly by conference participants

Provide meeting participants and guests with are experience consistent with the Adirothent ohmic character of the Lake Placid Region:


## AFS 2006 General Meeting Goals

Organize a wide range of recreational and cultural activities for all conference participants, children and spouses available both before, during and after the conference

## AFS 2006 Member Services Goals

Provide a meeting that will encourage affendance by all AFS members no matter what their ethnic origin, ys.


## AFS 2006 Member Services Goals

Provide a conference addressing the issues facing fisheries and aquatic resources in 2006 with particular



## AFS 2006 Aquatic Stewardship Goals

Provide a meeting that highlights significant issues such as Acid Rain that threaten fisheries resources in N\% Monk State




## Arrangements Committee Local Coordination Larry Nashett

Assist GM Chair with meeting arrangements
As necessary, serve as local liaison for other committee chairs


## Arrangements Committee Budget \& Planning Jim Daley

Assist GM Chair with development of meeting budget Manage meeting finances and maintain fiscal records Complete necessary financial reports


## Arrangements Committee

## Audio - Visual

 Greg KozlowskiCoordinate all audio and visual needs for meeting * digital \& slide projectors * staff communication devices

## Arrangements Committee Publicity \& Marketing <br> Web Pearsall/Dave Lemon?

Promote/publicize meeting to encourage attendance and media coverage
Complete FISHERIES meeting supplement and articles
Organize/coordinate exhitits \& displays

- Thenve as media llaison



## Arrangements Committee Hospitality <br> Steve Lorence Leo Demong




## Arrangements Committee

 FundraisingNY Chapter Designee


NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY coo NYSDEC. Room 530, 50 Wolf Road, Albany, New York 12233-4756

January 15, 1998

Mr. John Hora
Ichthyological Associates
50 Ludlowville Road
Lansing, N.Y. 14882

## Dear John:

Hope you had a pleasant Christmas and New Years holiday. Did you get my packet on the mail permit? Let me know if you have any questions on it.

Thought ld go over a few things about handing off duties to you prior to the meeting. You will officially take office at the business meeting on Friday afternoon. In preparation for the meeting, I will:

二. . Make copies of the ballot;

- Make meal tickets;
- Make copies of the directory to pass out at registration;
-:-m
Bring money for change. Mostly $5^{-1}$ s $/ 10^{\prime}$ some'
You should record at the Thursday night EXCOM, since you'll have to write up the minutes for that meeting. Same with the Business meeting on Friday - you should do the recording because you will have to write up the minutes. The minutes from the business meeting are published in the Spring Newsletter.

We should both work registration together on Friday morning. A student can work registration while we are in the EXCOM meeting Thursday night.

As per our previous discussion, I will handle the checking account money until the business meeting receipts are taken care of and all deposited. When all the checks from the business meeting have cleared, Ill close out the account and send you a check.

Just before the Annual Meeting, I will close out the savings account and give you the check for that account at the meeting.

| Speaker | Judge1 | Judge2 | Judge3 |
| :--- | :--- | :--- | :--- |
| Brandt |  |  |  |
| Moy |  |  |  |
| Goehle |  |  |  |
| Malchoff |  |  |  |
| Stepien |  |  |  |
| Noyes |  |  |  |
| Bowser |  |  |  |
| Getchell |  |  |  |
| Jones |  |  |  |
| Oles |  |  |  |
| Jackson |  |  |  |




Posters
Bartlett
든
O'Neill


New York Chapter of the American Fisheries Society Student PAPER Evaluation

Speakers's Name $\qquad$ Session/Room

Short Title
Start Time $\qquad$ Day $\qquad$ Evaluator

Circle the rating that is most appropriate for each item based on your perception of the presentation. Add scores for all items at the bottom. Please turn in evaluation sheets to the Program Chairperson (Emily Zollweg) as soon as possible. Thanks for your help!

RATING SCALE: 4(excellent); 3; 2; 1; 0 (noticeably poor)
$\begin{array}{lllllll}\text { 1. } & \text { Articulation of objectives } & 4 & 3 & 2 & 1 & 0 \\ \text { 2. } & \text { Experimental design or study plan: clear and sound? } & 4 & 3 & 2 & 1 & 0\end{array}$
3. Speaking, professional appearance, and stage presence (diction, volume, clarity, mannerisms, not reading, not facing screen)
4. Use of Audio-visual aids:
$\begin{array}{llllll}\text { a) quality (neatness, readability, content) } & 4 & 3 & 2 & 1 & 0 \\ \text { b) presentation (smoothness, etc.) } & 4 & 3 & 2 & 1 & 0\end{array}$
5. Was the work scientifically sound? Were appropriate statistics used?
6. Were major points identified and addressed in logical
7. Speaker's apparent knowledge of and enthusiasm for her/his subject?


| 3 | 2 | 1 |
| :--- | :--- | :--- |0

sequence?

| 4 | 3 | 2 | 1 | 0 |
| :--- | :--- | :--- | :--- | :--- |

8. Speaker's ability to stimulate and answer questions (If none, grade 3, if no time left, grade 2)
9. Overall rating of the presentation

| 4 | 3 | 2 | 1 | 0 |
| :--- | :--- | :--- | :--- | :--- |
| 4 | 3 | 2 | 1 | 0 |



## GRAND TOTAL

Comments for the speaker

New York Chapter of the American Fisheries Society 2004 Annual Meeting
Poster Evaluation

Presenter's Name $\qquad$ Session/Room

Short Title
Evaluator
RATING SCALE: 4 (excellent); 3; 2; 1; 0 (noticeably poor)
Circle the rating that is most appropriate for each item based on your perception of the poster. Add scores for all items at the bottom. Please turn in evaluation sheets to the Program Chair (Emily Zollweg) as soon as possible. Thanks for your help!

1. $\begin{array}{llllllll}\text { Objectives - Are they clearly stated? } & 4 & 3 & 2 & 1 & 0\end{array}$
2. Legibility - Is the poster easily read?
$\begin{array}{lllll}4 & 3 & 2 & 1 & 0\end{array}$
3. Conciseness - does each word count?
$\begin{array}{lllll}4 & 3 & 2 & 1 & 0\end{array}$
4. Visual aids:
a) Quality and arrangement
b) Contribution to poster theme
5. Organization: Are the main points addressed in a logical sequence?
$\begin{array}{lllllll}6 . & \text { Is the work scientifically sound? } & 4 & 3 & 2 & 1 & 0\end{array}$
6. Is the statistical analysis clear and appropriate? $\begin{array}{llllllll}4 & 3 & 2 & 1 & 0\end{array}$
7. Is the work "new" and/or "original"? $\quad 4 \quad 4 \begin{array}{lllll} & 3 & 2 & 1 & 0\end{array}$
8. Overall rating of the poster
$\begin{array}{lllll}4 & 3 & 2 & 1 & 0\end{array}$

| 4 | 3 | 2 | 1 | 0 |
| :--- | :--- | :--- | :--- | :--- |

## COLUMN TOTALS <br> 

GRAND TOTAL
Comments for presenter

New York Chapter of the American Fisheries Society 2004 Annual Meeting
Professional PAPER Evaluation

Speakers's Name $\qquad$ Session/Room

Short Title
Start Time $\qquad$ Day $\qquad$ Evaluator

Circle the rating that is most appropriate for each item based on your perception of the presentation. Add scores for all items at the bottom. Please turn in evaluation sheets to the Program Chairperson (Emily Zollweg) as soon as possible. Thanks for your help!

RATING SCALE: 4(excellent); 3; 2; 1; 0 (noticeably poor)
$\begin{array}{llllllll}\text { 1. Articulation of objectives } & 4 & 3 & 2 & 1 & 0\end{array}$
2. $\begin{array}{lllllllll}\text { Experimental design or study plan: clear and sound? } & 4 & 3 & 2 & 1 & 0\end{array}$
3. Speaking, professional appearance, and stage presence (diction, volume, clarity, mannerisms, not reading, not facing screen)
4. Use of Audio-visual aids:
a) quality (neatness, readability, content)
b) presentation (smoothness, etc.)

4
5. Was the work scientifically sound? Were appropriate statistics used?
6. Were major points identified and addressed in logical sequence?

1
Speaker's apparent knowledge of and enthusiasm for her/his subject?
8. Speaker's ability to stimulate and answer questions $\begin{array}{lllllll} \\ 9 . & 4 & 3 & 2 & 1 & 0 \\ \quad \text { (If none, grade 3, if no time left, grade 2) } & 4 & 3 & 2 & 1 & 0\end{array}$

COLUMN TOTALS


## GRAND TOTAL

Comments for the speaker

## REGISTRATION

NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY 2004 ANNUAL MEETING<br>February 4-6, 2004, Corning, New York

Name:
Affiliation:
Students, please use permanent mailing address.
Mailing Address: $\qquad$

Work Phone:
Home Phone: $\qquad$
Full Conference NYCAFS Member, Registration
Full Conference, Non member, Registration NYCAFS membership
One day, NYCAFS Member
One day, non member
Student, Registration
Student Membership
TOTAL DUE

WOULD YOU BE WILLING TO
RECEIVE ALL CHAPTER COMMUNICATIONS VIA
ELECTRONIC MAIL?
YES: $\qquad$ NO: $\qquad$

Fax:
Email: $\qquad$

## Make checks payable to New York Chapter AFS

## PLEASE NOTE: THERE WILL BE AN ADDITIONAL \$20.00 SERVICE CHARGE FOR ALL CHECKS RETURNED BECAUSE OF INSUFFICIENT FUNDS.

Note: Registration includes lunch, banquet, and breaks
Committee Participation, please check any that would interest you.


RECEIPT
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY, FEBRUARY 4-6, 2004 ANNUAL MEETING, CORNING, NEW YORK

NAME: $\qquad$ DATE:
$\qquad$ SIGNED: $\qquad$

# New York Chapter of the American Fisheries Society <br> 2002 Annual Meeting <br> Professional PAPER Evaluation 

Speaker's Name $\qquad$
Short Title $\qquad$
Start Day and Time $\qquad$ Evaluator $\qquad$
Circle the rating that is most appropriate for each item based on your perception of the presentation. Add scores for all items at the bottom. Please turn in evaluation sheets to the Program Chairperson (Margaret Murphy) by 11:50 am Friday January 25, 2002. Thanks for your help!

RATING SCALE: 4 (excellent); 3, 2, 1, 0 (noticeably poor)

1. Articulation of objectives
2. Experimental design or study plan: clear and sound? $\qquad$
3. Speaking, professiona appearance, and stage presence (diction, volume, clarity, mannerisms, facing audience)
4. Use of audio visual aids:
a) quality (neatness, readability, content) $\qquad$
b) presentation (smoothness, etc) $\qquad$
5. Was the work scientifically sound? Were appropriate statistics used?
6. Were major points identified and addressed in logical order? $\qquad$
7. Speaker's apparent knowledge of and enthusiasm for subject matter.
8. Speaker's ability to stimulate and answer questions
(If none, grade 3; if no time left, grade 2) $\qquad$
9. Overall rating of presentation $\qquad$

## GRAND TOTAL

Comments for speaker $\qquad$
$\qquad$

## POSTER Evaluation

Speaker's Name $\qquad$

Short Title $\qquad$
Start Day and Time $\qquad$ Evaluator $\qquad$
Circle the rating that is most appropriate for each item based on your perception of the presentation. Add scores for all items at the bottom. Please turn in evaluation sheets to the Program Chairperson (Margaret Murphy) by 11:50 am Friday January 25, 2002. Thanks for your help!

RATING SCALE: 4 (excellent); 3, 2, 1, 0 (noticeably poor)

1. Are objectives clearly stated?
2. Legibility - Is the poster easy to read? $\qquad$
3. Conciseness - does each word count? $\qquad$
4. Visual aids:
a) quality and arrangement
b) contribution to poster theme
5. Organization: Are the main points addressed in a logical sequence?
6. Is the work scientifically sound?
7. Are the statistics clear and appropriate?
8. Is the work "new" and/or "original"? $\qquad$
9. Overall rating of poster

## GRAND TOTAL

Comments for presenter $\qquad$
$\qquad$


## Proposed 2004 Budget

Project Revenues\$6,000.002005 Annual Meeting$\$ 2,250.00$
Membership Dues ..... \$250.00
Interest ..... $\$ 500.00$Raffle\$3,000.00
2004 Workshop
Total Revenues $\$ 12,000.00$

## Projected Expenses

2005 Annual Meeting
Office Supplies
Postage
Newsletter/Membership List
Workshop

## Donations

Awards for Best Papers
Student Travel Award for NED
Web Page
Raffle
NED AFS Meeting - Travel/Expense
AFS Parent Meeting - Travel/Expense


## Agenda

New York Chapter of the American Fisheries Society
Executive Committee Meeting
February 4, 2004
Executive Committee:
President, Web Pearsall
Past President, Dave Bryson
President-elect, William Gordon
Secretary-Treasurer, John Homa
Newsletter Editor, Leslie Surprenant \& Allen Peterson
Website, William Snyder
Student Sub-Unit, Margaret Murphy
Professional Incentives, Web Pearsall
Resolutions/Environmental Concerns, Randy Vaas
Native American Affairs, Dick McDonald
Professional Diversity, Cara Ewel Hodkin
Youth Aquatic Education,
Workshop, Dick McDonald
Membership, Bill Gordon
Nominating, Dave Bryson
Audit/Finance, Lars Rudstam \& Mark Arrigo Annual Meeting, Local Arrangements: Scott Jones
Program: Emily Zollweg \& Mark Malchoff

## Call to Order

Minutes from Last meeting
Treasurer's Report
President's Report
Annual Meeting
Website
Newsletter
Nominations 2004
AFS 2006
Committee Reports
New Business
Next Meeting
A YORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2003 Treasurer's Report Joh̄n Homa, Jr. Sec/Treas. C/O NY 14882

[^7]Balance as of January 01, 2003 = $==========================$
\$29,227.08 \$29,004.79
9/30/2003 12/31/2003




| 8 |
| :--- |
| 0 |
| 0 |
| $\infty$ |
| 0 |


| EXPENDITURES |  |  | \$0.00 | \$0.00 | \$8,464.88 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$8,154.82 | \$310.06 | \$0.00 | \$0.00 | \$0.00 |
| 2003 Annual Meeting | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$128.59 |
| 2003 Work Shop | \$0.00 | \$0.00 | \$128.59 | \$0.00 | \$40.25 |
| Misc. Workshop(Picnic) | \$0.00 | \$40.25 | \$0.00 | \$453.50 | \$453.50 |
| Website | \$0.00 | \$0.00 | \$0.00 | \$219.84 | \$484.72 |
| Newsletter/Membership Lisi | \$16.37 | \$47.85 | \$200.66 | \$219.84 $\$ 0.00$ | \$33.74 |
| Postage | \$33.74 | \$0.00 | \$0.00 | \$12.00 | \$151.73 |
| Office Supplies | \$107.73 | \$0.00 | \$32.00 | \$ ${ }^{\text {\$ }}$ (200 | \$0.00 |
| Raffle | \$0.00 | \$0.00 | \$0.00 | \$380.56 | \$1,045.65 |
| Stipens/Best papers/poster/ | \$0.00 | \$665.09 | \$0.00 | \$380.56 | \$973.14 |
| NED Officer Meeting Expen | \$0.00 | \$0.00 | \$0.00 | $\$ 973.14$ $\$ 0.00$ | \$470.00 |
| AFS National Meeting Expe | \$370.00 | \$100.00 | \$0.00 | \$0.00 | \$78.00 |
| Donations | \$0.00 | \$78.00 | \$0.00 | \$0.00 | \$0.00 |
| Award Plaques: | \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |
| Misc (bank fee) |  | ===== | $\begin{array}{r} ======= \\ \$ 361.25 \end{array}$ | \$2,039.04 | \$12,324.20 |
| TOTAL EXPENDITURES | \$8,682.66 | \$1,241.25 |  | $=======$ | (\$2,123.02) |
| Ending Balance (all account \$28,676.32 NYCAFS2003/2003TREASREPT_forthQuarter20040130FINAL |  |  |  |  |  |
|  |  |  |  |  |  |

NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY - 2003 John Homa, Jr. Sec/Treas. C/O Ichthyological Associates, Inc. 50 Ludlowville Road, Lansing, NY 14882 Page 2

QUARTLY BALANCE ALL ACCOUNTS

jh2003/md/nycats2003/treasReport_forthQuarter/accounts/20040130Final


# NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY <br> EXCOM MEETING, Liverpool, NY 

 December 17, 2003Attendees: David Bryson, Bill Gordon, Scott Jones, Dick McDonald, Web Pearsall, Allen Peterson, Emily
Zollweg, Cara Ewell Hodkin, and John Homa.
New Business. A request was made to contribute to the $4^{\text {th }}$ World Fish Conference, the decision was made to not contribute to this conference. Web will take care of a write-up for the NE Division newsletter. Whitepaper on dam removal to come out soon, Dave to assist with.
Minutes, D. McDonald. Minutes from the last EXCOM Meeting held on September 30 at Tunison were reviewed and revised. A motion was made, and seconded to accept the minutes as revised. It was noted that a quorum was not present on September 30; but a record of that meeting was advantageous.
Treasurer's Report, J. Home. Presented a statement through the $2^{\text {rd }}$ quarter of 2003. The Chapter expects a rebate of approximately $\$ 1,200$ from the Parent and NE Regional Chapters.
President's Report, W. Pearsall. Web requested reimbursement for travel and associated costs for his attendance at the Northeast Division Planning Meeting. A motion was made by J. Home and $2^{\text {nd }}$ by L. Zollweg. Unanimously approved.
Web discussed the following from the Northeast Planning Meeting:

1. NE Division is considering breaking away from the Fish and Wildlife Coordinated Planning Retreat due to location (Virginia), poor attendance, and expensive cost to form a single autonomous NE Division. The NE. Division Ptaminglateeting will likely coincide w/ NED Chapter Meetings, and thus increase attendance at the State and Chapter level meetings. It is likely the 2006 planning meeting would coincide with the 2006 Lake Placid Meeting.
2. Noted was the need to develop an Officers handbook to guide new officers in their duties.
3. Education - Need to try to get more students involved and to participate in the annual meeting.
4. Insurance - Web has written a letter ty the Parent Society regarding this issue, however liability issues still need addressing. Parent society has event insurance that only covers meetings of the Executive Committee. North East Division will pay for event coverage (but NOT directors liability) for all NE. Div. chapters. Under the Directors liability voting officers are liable for decisions made, this does not appear to be sufficient. The GIS workshop would fall under the category of event insurance. Future officers should be made aware that they are liable for decisions made by the chapter (Ex Comm). Web will research and follow up on this issue. Web indicated that members have checked with local Rotary and Boy Scout Associations and that the simplest solution would be for Parent Society to acquire a blanket policy and that the NE Division should cover the policy costs.
5. E. F. Hutton Mentoring Program was presented a/ the NE Division Planning Meeting. It was requested that Chapters look for opportunities of possibly sponsoring a Hutton student. Web spoke with a representative of Cornell and John Farrel who indicated they could possible or partially sponsor 1 student each. This will be discussed at the next meeting on February 4, 2004 in Corning and will be presented before the full general membership.

Web discussed the de-activation of specific non-active committees. Karin Limburgh has resigned as Chair of the Professional Diversity Committee, Cara Ewell Hodkin was subsequently appointed as chair.

Web also discussed the beginning of a new ad-hock comiltee chair early in 2004

## COMMITTEE REPORTS:

## ANNUAL MEETING 2004

Environmental Concerns: R. Vaas. Not present. No Report
Locale Arrangements: S. Jones - Local arrangements have been partially solidified, first number of participants due to the Raddison on January 19, 2004. Everything seems to be moving along smoothly, any questions or special needs should be directed to Scott. Dick, Emily and Scott will be providing laptops and LED projectors for use during presentations. Scott will check on prices for doubles triples and quads. Dick has requested an additional meeting room for a Gap Analysis meeting from 5:30-6:30 0n $4: 00-6: 00$ on February 4, Emily has requested an additional meeting room for a Sturgeon meeting from 2004.

Membership: B. Gordon - Bill will send out an end of the year email to all members. There are 22 new members this year. Need to get more books and CD's as promotional items to the Membership Committee, These items will be mailed out by the Committee. Bill suggested that the DEC annual Bureau meeting should be scheduled the day prior to the annual meeting to increase the number of participants that may stay for the annual meeting.
Native American Affairs: D. McDonald - Nothing new to report, would like to adopt as an ad-hock
committee with bylaws being part of the handbook.
Newsletter: A. Peterson - Thanks to everyone for their contributing information, things are going smoothly and a mass mailing list has been set up and is working well.
Nominating: D. Bryson and Allen Peterson - Nominations for positions was solicited by Dave. The following lists were generated as potential nominees:

Secretary/Treasurer - Scott Jones
President - James McKenna, Cliff Craft, Dave Lemon, Ed Walker, Steve Hearst, and Howard Simone
This list and any other nominees should be sent to D . Bryson. Ballots will be filled out at the registration table at the time of registration.

## Professional Diversity: CE Hodkin - New Chair, no report.

Program: E. Zollweg - Emily reports that things are coming together smoothly. Emily will put the program together and have the presentations ahead of time and set up in a PowerPoint program. Guest speakers needed assistance with rooms and travel costs are Phil Moy, Steve Brandt, Tom Jones, and Carol Stepien. Speakers may be asked to speak twice if needed and certificates of appreciation will be handed to all speakers along with a group photograph of the speakers. Emily will moderate the presentations. Judges will need to be selected for posters, professional presentations and student presentations. 3 Checks will need to be written: $\$ 100$ for Best Professional Presentation, $\$ 100$ for Best Student Presentation, and $\$ 50$ for Best Poster. Web, Bill, John, Dave, and Dick will judge if enough volunteers can not be found. Ira Alderman has declined due to lack of travel money. Ron Essig will attend or send a representative.

## DRAFT FOR EXCOM REVIEW

Raffle: B. Gordon. Raffle is going smoothly, many items already in possession, please submit all entities that sent donations to Emily so that they can be included on the program list and receive a thank you letter.

Resolutions: B. Gordon. Nothing pending.
Website: W. Snyder. Not present. No report
Workshop: D. McDonald - Dick would like to host a presentation at the annual meeting as advertisement for the workshop. Workshop is developing smoothly, need to confirm locations and facuse location classrooms. E. Zollweg to check with a western locations, S. Jones to check with Syracuse locations, eastern location would be at DEC offices in Albany. Need to have 12 computers wion information by January 26, ARCMAP. Dick will come up with cost estimates and would like location information 2004.

Youth Education: M. Connerton Not Present. No report.
NEXT MEETING: The next ExComm meeting will be held at the Raddison in Corming on February 4 at 5:00 PM. The Chapter will purchase pizza for this meeting. Scott will take care of these arrangements

John Homa moved to adjourn meeting, Bill Gordon $2^{\text {nd }}$, passed unanimously.

JH2004/md/NYCAFS2003/min_Excom_Dec17_03_DRAFT20040131doc


NEW YORK CHAPTER - AMERICAN FISHERIES SOCIETY

December13, 2003

Dear New Chapter Member and/or New Member of Parent Society

RE: NYCAFS FREE BOOK and/or FREE CD OFFER
In 2002 and 2003, the NYCAFS is making an effort to increase and maintain membership in the Society. If you know someone who may benefit by membership in the Society, please inform them of our effort
To the first 50 new $^{1} 2002$ and 2003 members in the Chapter, the new member will receive a free copy of the NYCAFS's CD Historic Distribution of Inland Fishes of NYS: Map Series by E. C. Raney, which provides the New York distribution of 131 freshwater fish species.
In addition, the first 30 members of the Chapter who become a new ${ }^{1}$ member in the parent organization the American Fisheries Society will receive a free copy of the 522 page book The Inland Fishes of New York State by C. L. Smith.
Our records indicate that you are a new member, welcome! We hope the enclosed materials are useful in your understanding of NY Fishes.

Please direct any questions directly to J. Homa.
John Homa, Jr., Sec./Treas.
NEW YORK CHAPTER AMERICAN FISHERIES SOCIETY
C/O IA Inc., 50 Ludlowville Rd., Lansing, NY 14882
Phone: 607-533-8801; Fax: 607-533-8804
Email: NYCAFS homa@aol.com

Cc: W. Pearsall, President NYCAFS
Jh/md/nycafs2003/20031213FreeCDand_orBookCover Letter
${ }^{1}$ New member is defined as a person who has not been a member for at least the 5 preceding years.


EYLAWE E: THE NEW YOFY CHAFTEF OF THE AMERICAN FISHERIES SOCIETY

SECTION 1. NAME AND DEJECTIVES

1. the name of this ofigari:zation shall ge the new yofts CHAFTEF OF THE AMERICAN FISHEFIES SUCIETY, HEREINAFTEF REFERFED TO AS THE CHAFTEF.
2. THE OBJECTIVES OF THE CHAFTER SHALL EE THOSE OF THE AMERICAN FISHERIES SUCIETY AS SET FORTH IN ARTICLE 1 OF ITS CONSTITUTION, AND TO ENCOLFAGE THE EXCHANGE OF information by members of the society fesiding within the STATE OF NEW YOFF.

SECTION 2. MEMEEFSHIF AND DUES

1. THE MEMEERSHIF DF THE CHAFTEF SHALL BE OF THE FOLLOWING CLASSES:
A. MEMEER: ACTIVE MEMEEFS OF THE AMERICAN FISHERIES SOCIETY IN GOOD STANDING, UFON ENROLLMENT IN THE CHAFTER; SHALL EE ELIGIELE TQ VOTE.
B. HONOFAFY MEMEEF: FERSONS WHO, GY FEASON DF OUTSTANDING SERVICE TO THE CHAFTER OR OFEICIAL FOSITION, SHALL EE ELIGIELE FOR ELECTION AS AN HONORARY MEMEER UFON NDMINATION EY TWO OR MOFE CHAPTER MEMEERS IN GOOD STANDING, AND A $2 / \Xi$ VOTE OF THE MEMEEF'S FRESENT AT AN anNual meeting. there shall be tin classes of honoriary MEMEERSHIF:
(1) DISTINGUISHED SERVICE AND (2) EXOFFICID. HONORARY MEMEERS SHALL EE ENTITLED TO ALL RIGHTS AND FFIVILEGEE of MEMEERS, EXCEF'T THAT EXOFFICID MEMBERS SHALL NOT VOTE OR HOLD OFFICE.
2. ANNUAL DUES FOR MEMEEFS SHALL EE TEN DOLLARS( 10 ), E欠CEFT THAT DUES FDR FULL-TIME STUDENTS SHALL BE FIVE dOLLAFS(\$S). hONORAFY MEMBERS WILL NOT EE FEQUIFED TO FAY DUES. DUES IF NEW MEMEEFS SHALL EE FAYABLE WHEN AF'FLICATION FOR MEMRERSHIF IS ACCEFTED. MEMEEFSHIFS NOT FAID ON OR EEFORE JULY 1 SHALL BE CONSIDERED LAPSED AND THOEE FERSONS SHALL NOT FEEIEVE FUBLICATIONS OF THE CHAFTER AND SHALL FURFEIT ALL FIGHTS AND FRIVILEGES OF MEMEEFSHIF AS LONG AS DUES ARE UNFAID.

SECTIDN Z. MEETINGS.
the chaften shall hold at least one meeting annually at the TIME AND FLACE EESIGNATED GY THE EXECUTIVE COMMITTEE. NOTICE of the annual meeting of the chafter shall ee mailed to each member at least one month before the date of such meeting. EUSINESS SHALL EE CONDUCTED IN ACCORDANCE WITH FROUISIONS OF THESE EYLAWS, AND/OR ROEERT'S FULES OF OFDEF IN THE AESENCE
of specific guidelines. the program shall gee the EESFONSIEILITY OF THE FFIUGRAM COMMITTEE.

SECTION 4. GFFFICERS
THE OFFICERS OF THE CHAFTEF SHALL CONSIST OF A PRESIDENT, FRESIDENT-ELECT, SECRETAFY-TREASURER, AND SECRETARY -TREASURER-ELECT.

THE FRESIDENT-ELECT AND THE SECRETAFY-TREASURER-ELECT SHALL BE ELECTED AT THE ANNUAL MEETING. THE SECFETARY-TREASURER SHALL HOLD OFFICE FOR TWO YEARS, BUT THE TERM OF THE OTHER OFFICERS SHALL BE ONE YEAR. THE SECFETARY-TREASURER-ELECT SHALL BE ELECTED IN ALTERNATE YEARS. IN CASE OF A VACATED POSITION, THE EXECUTIVE COMMITTEE SHALL AFFDINT A QUALIFIED FEEFLACEMENT TO FILL AN UNEXFIFED TERM. THE INCUMBENT (NOT NEWLY ELECTED , FFRESIDENT-ELECT AND SECFETAFY-TREASUREF-ELECT SHALL SUCCEED TO THE OFFICE OF PRESIDENT AND SECRETARYTREASURER, RESPECTIVELY AT THE EXPIRATION OF THE TERMS OF THOSE OFFICERS.

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 E. DUTIES OF OFFICERS
THE FFEEIDENT OF THE CHAPTER SHALL PRESIDE AT ALL MEETINGS, SERVE AS CHAIRPERSON AT THE EXECUTIVE COMMITTEE, REPRESENT THE CHAPTER ON THE NORTHEAST DIVISION EXECUTIVE COMMITTEE AND IN THE AMERICAN FISHERIES SOCIETY, MAKE AF'FOINTMENTS AND FERFONM OTHER DUTIES AND FUNCTIONS AS ARE AUTHORIZED AND NECESSARY. THE CHAPTER SHALL REIMBURSE THE PRESIDENT OF THE IHAFTEF:, OR AN ALTERNATE DESIGNATED BY THE FFESIDENT, FOR BUDGETED EXPENSES ASSOCIATED WITH ATTENDANCE AT THE EXECUTIVE COMMITTEE MEETINGS HELD DURING THE ANNUAL AMERICAN FISHERIES SOCIETY MEETING, AND THE EXECUTIVE COMMITTEE MEETINGS OF THE NORTHEAST DIVISION. A EUDGET FOR THESE EXPENSES SHALL BE FROFOSED BY THE CHAPTER PRESIDENT AND AFFROVED BY THE CHAPTER EXECUTIVE COMMITTEE.

THE FRESIDENT-ELECT SHALL BE CHAIRPERSON OF THE MEMEERSHIF COMMITTEE AND MEMBER OF THE FROGRAM COMMITTEE, AND SHALL ASSUME THE DUTIES OF THE PRESIDENT IF THE LATTER IS UNAELE TO ACT.

THE SECRETAFY-TFEASURER SHALL KEEF THE OFFICIAL RECORDS OF THE CHAPTER, SUBMIT A COPY OF THE MINUTES OF THE ANNUAL BUSINESS MEETING TO THE EXECUTIVE DIRECTOR OF THE SOCIETY AND THE SECRETARY-TREASURER OF THE NORTHEASTERN DIVISION WITHIN BO DAYS AFTER SAID MEETING; AND COLLECT AND ES CUSTODIAN OF CHAF'TEF FUNDS, DISBURSE FUNDS AS AUTHORIZED BY THE EXECUTIVE COMMITTEE OF MEMEERSHIF, SUEMIT A RECORD OF RECEIFTS AND

DISEIIF'SEMENTS AT THE ANNUAL MEETING, AND FEFFDFM SUCH DUTIES AS MAY EE FEQUESTED EY THE EXECIJTIUE DIFECTOF OF THE AMEFIICAN FISHEFIES SOCIETY AND OFFICERS OF THE NOFTHEASTEFN DIVISION.

THE SECFETAFY-TFEASUFER-ELECT SHALL AID THE SECFETAFY TFEASUFEF IN HIS/HEF DUTIES AND ACT AT THE DIFECTION OF THE SECFETAFY -TFEASUFEF: AND F'FESIDENT.

## SECTION 6. EXECUTIVE COMMITTEE

THE EXECUTIVE COMMITTEE SHALL CONSIST OF THE CHAFTEF OFFICERS (FFESIDENT, FFESIDENT-ELECT, SECFETAFY-TFEASUFEF, SECFETAFIY-TFEASUREFT-ELECT) AND THE IMMEDIATE FAST-FRESIDENT. THE CHAIFFEFSONS DF STANDING CDMMITTEES AND AD HDC COMMITTEES SHALL EE NON-VOTING MEMBEFS OF THE EXECUTIVE COMMITTEE. THE EXECUTIVE COMMITTEE IS AUTHOFIZED TO ACT FOF THE CHAFTEF' EETWEEN MEETINGS AND TO FEFFDFM AFFFOFRIATE DUTIES AND FUNCTIONS.

## SECTION 7. CHAFTEF COMMITTEES

CHAIFFEFSONS OF COMMITTEES, EXCEFT AS LISTED IN SECTIONS 5 AND 6, SHALL BE APFOINTED EY THE FFESIDENT. COMMITTEE MEMEEFS SHALL EE CHOSEN EY THE FESFECTIVE COMMITTEE CHAIFFEFSIINS. STANDING COMMITTEES SHALL INCLUDE: AUDITING, ENVIFDNMENTAL CONCEFNS, MEMEERSHIF, NUMINATING, FROGFAM, AND FESOLUTIONS. THE NUMINATING COMMITTEE WILL EE CHAIFED BY THE IMMEDIATE FAST-FRESIDENT AND THE SELECTION OF NOMINEES FOF OFFIIE BY THE NOMINATING COMMITTEE WILL BE DONE IN CONSULTATION WITH, AND SUBJECT TO, THE AFPROVAL DF THE EXECUTIVE COMMITTEE.

THE CDMMITTEES SHALL EE COMFOSED DF THE CHAIFFEFSON AND ANY OTHEF MEMEEFS IN GOOD STANDING SELECTED EY THE CHAIFFEFISON. THE COMMITTEES SHALL AID THE FFESIDENT IN THE OFEFATION OF CHAFTER EUSINESS AND ACTIVITIES. THE FRESIDENT SHALL DIRECT THEM IN THEIR DUTIES. THEY MAY ALSO EE DIFECTED EY VOTE OF THE MEMEERSHIP AT AN ANNUAL MEETING.

THE TEFM OF OFFICE FOR MEMEERS OF THE CHAFTEF COMMITTEES SHALL END UF'ON THE DISCHARGE OF THE DUTIES FOR WHICH THEY WEFE AF'FOINTED, OF' AT THE NEXT ANNUAL MEETING OF THE CHAFTEF: WHICHEVER COMES FIFST.

SECTION 8. VOTING AND OUOFUM
DECISIONS AT MEETING̈S DF THE CHAFTEF SHALL EE EY A MAJORITY OF THOSE VOTING. EXEEFT THAT AMENDMENTS TO THE BYLAWS FEQUIFE A $2 /=$ MAJOFITY, AND EXCEFTED FUFTHEFi, THE ELECTIDN OF HONOFAFFY MEMBEFS AND FECIFIENTS OF THE FROFESSIONAL ACHIEVEMENT AWAFD FEQUIFE A 2/G MAJOFITY VOTE. ANY MEMEER IN GOUD STANDING WHO CANNOT ATTEND A MEETING MAY FEGUEST THE EXECUTIVE COMMITTEE IN WFITING TO FEGISTEF A VOTE ON A FFEVIIUSLY FUBLISHED QUESTIUN AND SUCH A VOTE SHALL BE

CDUNTED WITH THE VOTES DF MEMEEF'S FFESENT. SUCH VOTES SHALL NOT EE USED TD DETEFMINE A GUORUM. FFOXY VOTES MUST EE FECIEVED BY THE SECFETAFY-TFEASUREF EEFOFE THE ANNUAL MEETING AT WHICH THE VUTE IS TAKEEN.

A QUOFUM FDF THE TFANSACTION DF DFFICIAL EUSINESS SHALL EE 2G IF THE CHAF'TER'S VOTING MEMEEFS.

SECTION \%. FEGISTFATION

Qnorum

kemders

THE EXECUTIVE COMMITTEE MAY ASSESS EACH FEGISTFANT ATTENDING MEETINGS DF THE CHAFTEF A FEGISTFATION FEE NECESSARY TO COVER THE COSTS OF THE MEETING AND CHAFTEF ACTIVITIES. COLLECTIONS SHALL BE MADE EY THE SECFETAFY-TFEASUFEF DR A FEFRESENTATIVE AFF'OINTED EY THAT DFFICEF.

SECTION 10. AMENDMENTS OF THE EYLAWS
THE EYLAWS DF THE CHAFTEF MAY BE AMENDED IN ACCORDANCE WITH SECTION 8 OF THESE EYLAWS, FFOVIDED THAT FFIOR NOTICE OF AT LEAST ङG DAYS EE GIVEN TD THE MEMEEFSHIF OF THE FROFOSED CHANGE (S). SAID CHANGE (S) MUST EE AFFFOVED BY THE EXECUTIVE COMMITTEE OF THE SOCIETY EEFQRE TAKING EFFECT.

SECTION 11. FROFESSIONAL ACHIEVEMENT AWARD
A CDMMITTEE AFFFINTED EY THE EXECUTIVE COMMITTEE SHALL NOMIHATE AS AFPROFRIATE, A CANDIDATE WHOSE DISTINGUISHED FFIOFESSIDNAL ACCOMFLISHMENTS ARE DESERUING OF RECOGNITION EY HIS/HEF FEEFS. NOMINATIONS WILL EE SUEMITTED TD THE EXECUTIVE COMMITTEE FOR REVIEW AND FINAL SELECTION EEFOFE EEING SUBMITTED TO THE MEMEEFSHIF FOF ELECTION EY $2 / \Xi$ VOTE OF THE MEMEEFS FFESENT AT AN ANNUAL MEETING. THIS AWARD SHALL EE DISTINGUISHED FROM THE HONORARY MEMEERSHIF AWARD IN THAT IT WILL EE PRESENTED TO ACTIVE FRDFESSIONALS FOR ACHIEVEMENTS JUDGED AS OUTSTANDING EY FEL'ロW FISHEFIES FFDFESSIONALS, F:ATHER THAN FOR DUTSTANDING SEFVICE TO THE CHAFTER OF' OFFICIAL FOSITION.
¿FEVISIONS OF THE NEW YOFK CHAFTEF BYLAWS FECIEVED EXECUTIVE COMMITTEE, AMERICAN FISHERIES SOCIETY, AF'FROVAL IN SEFTEMEER, 1991. AND AFFFIOUAL EY THE CHAFTEF MEMEEFSHIF AT THE ANNUAL EUSINESS MEETING OF JANUAFYY SI: 1992.)

TABLE OF CONTENTS


## ACT OF INCORPORATION

OF THE

## AMERICAN FISHERIES SOCIETY

We, the undersigned, persons of full age and citizens of the United States, $2 \mathrm{ra}_{\mathrm{i}} \mathrm{\sim}$. majority being citizens of the District of Columbia, pursuant to and in conformi-: with sections 599 to 603, inclusive, of the Code of Law for the District of Columbi enacted March 3, 1901, as amended by the Acts approved January 31 and June jü. 1902, hereby associate ourselves together as a society or body corporate and certu: in writing:

1. That the name of the society is the AMERICAN FISHERIES SOCIETY.
2. That the term for which it is organized is nine hundred and ninety-nine year
3. That its particular business and objects are to promote the cause of fis culture; to gather and diffuse information bearing upon its practical success, upon all matters relating to the fisheries; to unite and encourage all interests of tis culture and the fisheries; and to treat all questions of a scientific and economic character regarding; with power:
a. To acquire, hold and convey real estate and other property, and to estabiic general and special funds.
b. To hold meetings.
c. To publish and distribute documents.
d. To conduct lectures.
e. To conduct, endow, or assist investigation in any department of fishery fish-cultural science.
f. To acquire and maintain a library.
g. And, in general, to transact any business pertinent to a learned sociery.
4. That the affairs, funds, and property of the corporation shall be in generi charge of a Council, consisting of the officers and the executive committee, in number of whose members for the first year shall be seventeen, all of whom shall ix chosen from among the members of the society.

Witness our hands and seals this 15 th day of December, 1910.
Seymour Bower
Theo. Gill
William E. Meehan
Theodore S. Palmer
Bertrand H. Roberts
Hugh M. Smith
Richard Sylvester
Recorded April 11, 1911 as instrument 680013 in Incorporation Liber 28 as Folio 211, Office of Recorder of Deeds, Corporation Division, Washington, Distri: of Columbia.

$$
2003 \text { AFS }
$$

## NEW YORK CHAPTER

## AMERICAN FISHERIES SOCIETY

## Officers and Committee

Chairpersons' Handbook

Prepared June 1986; Revised January 1996

## CHAPTER PRESIDENT

## Primary Responsibilities

1. Upon assuming office, the newly elevated President should:
a. Present the outgoing President with the past- President's certificate.
b. Announce appointments of standing committee chairpersons.
c. Present general statement of objectives for the coming year.
d. Present a budget for discussion by the membership for the coming year, including the next Annual Meeting over which he or she presides; final approval will occur within three months of the Annual Meeting.
e. Make appointments of ad hoc committee chairpersons at this time, if possible.
f. Complete committee appointments within one month. Notify Northeast Division secretary of all appointments.
2. Finalize the budget and present it for final approval by the Executive Committee no later than three months after the Annual Meeting.
3. Be specific in your charges to your committee chairpersons using this handbook and revisions thereof as a basic orientation tool. Distribute a copy of this handbook to all committee chairpersons and Executive Committee members. Distribute a copy of the AFS Procedures Manual to all officers.
4. Keep informed of committee activities.
5. Ensure that Northeast Division President and Secretary are informed about Chapter activities.

A Chapter report should be submitted to the Division President before 1 March.
6. Notify the national AFS office regarding the Annual Meeting time and place as soon as it is known, to be published in "Fisheries" and the "AFS Diary".
7. Be familiar with Chapter and Northeast Division bylaws and AFS constitution and bylaws.
8. Review and follow "Robert's Rules of Order" regarding protocol for conduct of Chapter business, particularly meetings at which votes are taken, including Executive Committee meetings and the Annual Business Meeting.
9. Represent the Chapter in Society affairs, as requested.
18. Acknowledge the work of your officers and committee chairpersons, by letter, at the end of your term.
19. Inform your successor of actions taken at the previous Northeast Division Executive Committee Meeting, and see that your successor gets Minutes of same.
20. Serve on the Chapter Executive Committee for an additional year as immediate pastPresident.
21. Prepare an agenda, and distribute prior to meeting.
22. Send out a separate mailing for the program in mid-December, and then include a notice with the final newsletter in January.
23. Send an invitation for the Annual Meeting to Northeast Division, Parent Society.

## Calendar

Prior to Annual Meeting, at which you assume office -- to extent possible, identify committee chairpersons (see President-elect duties).

Prior to Annual Meeting, at which you assume office, develop budget for coming year in conjunction with Secretary-Treasurer and outgoing President (see President-elect duties).

At Annual Meeting, assume office and present your budget for discussion.
Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of committee activities.

By one month after Annual meeting, complete committee chairperson appointments and communicate to Division Secretary.

By three months after Annual Meeting, conduct initial meeting of Chapter Executive Committee, and present budget for final approval.

Summer -- second meeting of Executive Committee.
Fall -- Executive Committee Meeting if business warrants; assist President-elect with developing budget for his/her term of office.

Annual Meeting -- final Executive Committee Meeting and Annual Business Meeting; preside over meeting.

## EXECUTIVE COMMITTEE

The Executive Committee (EXCOMM) consists of the Chapter officers (President, President-elect, Secretary-Treasurer, Secretary-Treasurer-elect) and the immediate PastPresident. The chairpersons of standing committees (Audit/Finance, Environmental Concerns, Membership, Nominating, Program, and Resolutions) and ad hoc committees (Professional Incentives, Newsletter, Workshop, Student Subunit, and Professional Diversity committees currently) shall be non-voting members of the EXCOMM.

## Primary Responsibilities

The EXCOMM is authorized to act for the Chapter between meetings. In so doing, the EXCOMM is responsible for monitoring and directing Chapter activities, as charged by the membership at Annual Business Meetings. The Chapter President presides over all EXCOMM Meetings and provides a meeting agenda in advance.

## Calendar

No more than three months after Annual Meeting, initial organizational meeting and final approval of the President's proposed budget.

Summer -- second meeting.
Fall -- meeting or conference call, if business warrants.
Immediately prior to Annual Meeting, summary meeting; review incoming President's proposed budget for discussion.
9. Prepare registration materials for the Annual Meeting, and register attendees starting on the evening preceding scheduled sessions and as needed throughout the meeting. Furnish receipts when requested. Supervise student assistants at the Annual Meeting.
10. Submit financial reports, including reports of receipts and disbursements. Informal, verbal reports are to be made at Executive Committee meetings. A formal, written report is to be provided at Annual Meeting. Cooperate with the Audit/Finance Committee in an annual review of the books. Prepare annual budget proposal, with rough draft to the EXCOMM at least six weeks before the Annual Meeting.
11. Ascertain if there is a quorum present for official actions, and furnish ballots for elections.
12. Submit copies of Chapter resolutions promptly to the Executive Director and the Northeast Division Secretary. Indicate those for which Division and Society support is requested.
13. Serve as voting member of EXCOMM.
14. Orient the Secretary-Treasurer-elect to the responsibilities of the office.
15. Assist Membership Committee chairperson in keeping track of membership status for reports at EXCOMM meetings and Annual Meeting.

## Calendar

Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of committee activities.

At least two months prior to Annual Meeting, notify membership of the meeting; assist in preparing annual budget proposal for EXCOMM, to be submitted by the new President at the Annual Meeting, at which he or she is installed.

Six weeks prior to Annual Meeting, order Past-President's Certificate and award materials; distribute President-elect's draft budget to EXCOMM.

Prior to Annual Meeting, prepare annual financial report and review with Audit/Finance Committee. Prepare meeting registration materials and ballots.

At Annual Meeting, register attendees; provide financial report; take Minutes; supervise student assistants; etc.

At EXCOMM meetings, provide fiscal update; take Minutes; distribute Minutes in timely fashion.

## SECRETARY-TREASURER-ELECT

## Primary Responsibilities

1. Develop with Secretary-Treasurer appropriate orientation activities and responsibilities to prepare you for assumption of that role.
2. Attend EXCOMM meetings as a voting member.
3. During year as "elect", record Minutes of EXCOMM meetings and submit to SecretaryTreasurer for distribution to EXCOMM members.
4. Before assuming Secretary-Treasurer position, arrange to transfer file, financial accounts, and mailing permits.

## MEMBERSHIP COMMITTEE

## Primary Responsibilities

1. President-elect serves as chairperson and appoints committee members, as appropriate (or may serve as sole committee member).
2. Serves as primary contact for prospective members.
3. Reviews with Secretary-Treasurer the status of membership to assess current trends.
4. Develops specific recruitment strategies, as appropriate.
5. Contacts new Society members in New York, as reported by Northeast Division or through other means.
6. With assistance of Secretary-Treasurer, reports membership status at EXCOMM meetings and Annual Meeting.

## Calendar

At first EXCOMM Meeting, prepare membership analysis as basis for discussing objectives and strategies.

Throughout year, contact prospective members; submit newsletter articles, as appropriate.
At each EXCOMM Meeting, submit oral and/or written progress report, as required.
Annual Meeting -- summary report to EXCOMM.

Two months prior to Annual Meeting, initiate invited speaker lodging and transportation arrangements. Develop meeting agenda to be included in December newsletter, along with second call for papers. Start review of submitted papers/posters.

One month prior to Annual Meeting, finalize review of submitted paper/poster abstracts. Develop contributed paper/poster agendas, based on this review. Provide directions on paper and poster presentation preparation to those authors selected to participate to ensure high quality. Solicit awards for poster/paper recognition.

Three weeks prior to Annual Meeting, visit meeting site to confirm all plans and arrangements. Organize and conduct Program Committee Meeting prior to Annual Chapter Meeting to identify and arrange final logistical needs, such as recruitment of student assistants and equipment. Appoint award judges, and prepare rating materials. Finalize meeting agenda and have printed for distribution at Annual Meeting, along with abstracts for invited papers and contributed papers and posters.

At Annual Meeting, oversee registration and all sessions of the meeting, working as liaison with site establishment staff to address/correct any problems which arise. Provide brief Program Committee report at Chapter Annual Meeting. Together with Secretary-Treasurer, review billing documents immediately following Annual Meeting.

One month after Annual Meeting, provide report of expenses relative to planned budget to the EXCOMM by the first meeting. Prepare proposed Annual Meeting budget for the next year for discussion by EXCOMM. Report suggested improvements to EXCOMM for the following year.

## NEWSLETTER COMMITTEE

## Primary Responsibilities

1. Solicit, collate, edit, and arrange for the reproduction and distribution of the Chapter newsletter. Coordinate with the Secretary-Treasurer regarding procedures for copying and distribution. Frequency of publication is determined under guidance of EXCOMM, but typically involves a minimum of three issues per year.
2. Evaluate effectiveness of the newsletter and report to EXCOMM and Chapter membership.
3. Include in newsletter content primary Chapter business and informative current developments or professional resources. The former would include workshop and Annual Meeting announcements, business meeting Minutes, election information, committee reports or requests, draft resolutions, etc.
4. Maintain communications with EXCOMM and other committee chairpersons, especially to remind them when newsletter deadlines are approaching, and seek their contributions to the newsletter.

## Calendar

At each EXCOMM Meeting, submit oral and/or written progress reports, as required.
Dates are tentative and serve as a general guide. Important information often can be added shortly before duplication, which is usually one week before distribution. Example content assumes a late-January Annual Meeting.
(1) Copy due date 28 February for Distribution date 31 March. This issue normally includes the Annual Meeting Minutes and other reports from that meeting.
(2) Copy due date 31 July for Distribution date 31 August. This issue normally contains the first, brief publicity about upcoming Annual meeting events to aid members' preparations.
(3) Copy due date 30 November for Distribution date 31 December. This issue normally contains Annual Meeting program, registration information, and candidate background information for the elections to be held at the Annual Meeting.

## PROFESSIONAL INCENTIVES COMMITTEE

## Primary Responsibilities

1. Develop, initiate, and review Chapter activities considered by EXCOMM to provide or enhance professionalism among Chapter members.
2. Specific proposals developed by the Committee will be subject to the review and approval of EXCOMM and Chapter membership.
3. Monitor the various awards the Chapter gives out and make nominations for each, as appropriate (i.e., Honorary Member, Professional Achievement). Such nominations must be reviewed by EXCOMM before submitting them for final Chapter membership vote.
4. Develop a Conservation Award for non-Chapter members.

## Calendar

At each EXCOMM Meeting, submit oral and/or written progress reports, as required.
Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of committee activities.

At least four weeks prior to Annual Meeting, submit final nominee credentials for awards to EXCOMM.

Variable, depending on charge.

## NOMINATING COMMITTEE

## Primary Responsibilities

1. The past-President serves as committee chairperson and shall appoint at least one additional member to the Committee.
2. The Committee must identify at least two willing and capable candidates for each office, as follows:
(1) President-elect: annually
(2) Secretary-Treasurer: biannually

Selection of candidates is done in consultation with and subject to the approval of EXCOMM.
3. Conduct of elections, including absentee balloting, should be conducted according to accepted procedures, as outlined in current "Roberts Rules of Order".

## Calendar

Six months prior to Annual Meeting, identify committee members.
Five months prior to Annual Meeting, identify slate of candidates and collect biographical summaries for inclusion in newsletter and distribution at Annual Meeting; include directions for absentee balloting.

At Annual Meeting, conduct elections, including absentee ballot tallying, if appropriate.
At each EXCOMM Meeting, submit oral and/or written progress reports, as required.

## STUDENT SUBUNIT

The general purpose of the Student Subunit is to facilitate communications among student members regarding fisheries science issues and to perform activities that advance the training of students in fisheries science. The Student Subunit has its own president, vice-president, secretary, and treasurer. Activities of the subunit are under the direction of a faculty advisor who is a member of the Chapter.

## Primary Responsibilities

1. Elect officers of the subunit.
2. Encourage subunit participation of fisheries students at all colleges and universities in the State.
3. Provide a representative to participate in Chapter EXCOMM meetings as a non-voting member.
4. Perform group activities that will promote and enhance the education of fisheries students in the State.
5. Report on subunit activities in the Chapter newsletter and at Chapter meetings.
6. Encourage participation of subunit members in Chapter, Division, and Society activities.

## Calendar

At each EXCOMM Meeting, submit oral and/or written progress reports, as required.
Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of subunit activities.

Variable schedule for other activities.

Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of subunit activities.

Variable schedule for other activities.

## YOUTH EDUCATION COMMITTEE

## Primary Responsibilities

1. Become an active committee within the NYC-AFS by soliciting committee members, promoting Aquatic Resource Education (ARE) via poster sessions and workshops, and encouraging ARE stewardship to youth among all Chapter members.
2. Become familiar with the activities of the AFS National Youth Education Committee and bring these concepts to New York State.
3. Participate in the annual review of the New York State Sportfishing Aquatic Resources Education Program (SAREP).
4. Compile and make available aquatic resource education programs currently implemented in schools and outside fishing clinics.
5. Encourage AFS members to initiate personal contacts with a local school, and present ARE topics and activities to a teacher and class.

## Calendar

At each EXCOMM Meeting, submit oral and/or written progress reports, as required.
Throughout year, follow newsletter deadline dates for submitting materials to inform Chapter membership of subunit activities.


[^0]:    ${ }^{1}$ New member is defined as a person who has not been a member for at least the 5 preceding years.

[^1]:    ficaming ivenic

[^2]:    "Fish Handler's Disease" increasing in MD

[^3]:    ${ }^{1}$ New member is defined as a person who has not been a member for at least the 5 preceding years.

[^4]:    ${ }^{1}$ New member is defined as a person who has not been a member for at least the $\mathbf{5}$ preceding years.

[^5]:    ?RESIDENT. WE
    -SHOULD TALK SOON AS PLANNING FOR OUR JAN-FEB 2005 MEETING
    IS SOON TO

[^6]:    ${ }^{1}$ New member is defined as a person who has not been a member for at least the 5 preceding years.

[^7]:    Page 1 01, 2003

