

AFS - New York Chapter Newsletter -- December 2004

Editors' Note

Holy mackerel! Another year's passed and we're already producing our last newsletter of the year. We thank all who have contributed to our chapter newsletter and encourage those who have not to make a New Year's resolution to do so in 2005. It is our pleasure to be of service to the chapter and we welcome your comments and suggestions on how we may improve the newsletter.

Details and the final call for papers for the February 3 – 4, 2005 tri-society meeting are included elsewhere in this newsletter. President-elect Jim McKenna will assume presidency and a new President-elect will be elected at the annual meeting. Candidates' biographies are in this newsletter. We thank Bill Gordon for his service and hard work on behalf of the chapter during the past year.

Happy holidays!

Leslie Surprenant
Allen Peterson
Co-editors

President's Corner

Where has 2004 gone? It seems as if it was just yesterday, I was Chapter President Elect, looking forward to my year as President. Now, after a busy 10 months of reviewing the past, tending to the present and planning for the future, I will soon be stepping down from the President's position.

It has been an honor to represent you through society business, at the state, northeast and national levels. As I suspected, the most time consuming aspect of the job was planning for the 2005 annual meeting which is scheduled for February 2-4 in Liverpool (See meeting announcement elsewhere in this Newsletter). Early into 2004, this meeting developed into a Tri-Society meeting, involving our chapter with New York's wildlife and forestry professional chapters. As a result, the planning and coordination effort needed to get this job done rose well above earlier expectations. Now that the planning is over, however, I am very satisfied with both the meeting location and arrangements, and the agenda/speakers' list that will be offered. This meeting, focusing on watershed level stewardship, looks to be one of our best. I look forward to seeing each one of you there.

Of course, the meeting planning and the other chapter's work would not get done without the service of the Executive officers and other committee chairpersons and members. During the year these folks attend many meetings and give up many hours of their own time to work on our behalf. They deserve our gratitude. Without singling anyone out in particular, I would like to extend a "job well done" to this year's NY AFS Chapter leadership team members.

In closing I would like to say it has been a pleasure to serve as you president. Thank you for giving me this opportunity.

Bill Gordon
President – NY Chapter American Fisheries Society

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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

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part of an international organization that both advances our understanding of fish and the environment and actively works to improve our ability to manage the world more responsibly. AFS members have a real competitive edge in the job market and education opportunities. They also become part of a network that can share information more effectively.

The NY chapter is one of the oldest local chapters in the organization and while we think it is best for everyone to join the parent organization to fully realize the benefits of AFS, anyone may join just the NY chapter. Our chapter has several committees addressing a wide range of topics and needs, including a student committee. There is also interest in starting a Marine Fisheries committee.

The annual meeting is a highlight of every year and a great forum to discuss work, hear what others are doing, and meet interesting people. Assistance is available to students to attend and participate in the annual meeting. Awards for best student presentations are made every year at the meeting. The 2005 annual meeting will be especially good, because it is a Tri-Society meeting held jointly with the Wildlife and Forestry societies. That meeting will be February 2 - 4 in Liverpool, NY (just outside of Syracuse). In addition to great presentations, there will also be discussion and planning for the 2006 National AFS meeting in Lake Placid, NY.

More information about the New York Chapter of the American Fisheries Society can be found on our web page: www.newyorkafs.org. A membership application form is found in the back of this newsletter. Contact any of the officers or committee members with questions or comments.

National AFS News

Hutton Program

The Hutton Junior Fisheries Biology Program is an AFS-sponsored summer mentoring program for high school students. The deadline for the 2005 program for both mentor and student applications is February 15, 2005.

New Releases from AFS

Check out the AFS Book Sale at [www.fisheries.org!](http://www.fisheries.org) Selected titles are on sale for only \$15.00 until January 15, 2005.

The Big Fish Bang: Proceedings of the 26th Annual Larval Fish Conference Edited by Howard I. Browman and Anne Berit Skiftesvik

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/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>

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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	Total	Stock >= 8"	Quality >= 12"	Preferred >= 15"
1994	107.9	101.5	88.2	62.6
1997	94.2	91.6	60.9	37.3
1999	76.0	74.7	70.7	32.0
2004	24.9	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

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that the absence of any significant amount of any weed beds since 1997 has adversely impacted this species. Conversely the abundance of smallmouth bass, a species less associated with weed beds, remained relatively stable from 1994 through 1999 before more than doubling in 2004 according to the catch rates reported below:

Smallmouth bass	<u>Total</u>	<u>Stock</u>	<u>Quality</u>	<u>Preferred</u>
		$\geq 7"$	$\geq 11"$	$\geq 14"$
1994	6.9	3.9	3.0	2.0
1997	4.9	4.0	4.0	2.2
1999	5.8	4.0	2.7	0.9
2004	16.8	13.6	8.4	2.6

To compare combined largemouth and smallmouth bass abundance the combined catch rates for both species are presented below under the size categories of total, stock, quality and preferred.

Largemouth & smallmouth bass	<u>Total</u>	<u>Stock</u>	<u>Quality</u>	<u>Preferred</u>
1994	114.8	105.4	91.2	64.6
1997	99.1	95.5	64.9	39.5
1999	81.8	78.7	73.4	32.9
2004	41.7	38.5	31.8	22.7

Ten years after triploid grass carp were introduced at Lake Mahopac, the lake remains virtually free vascular plants which normally would provide vital habitat for largemouth bass. A likely consequence of this major habitat change is that the abundance of largemouth has declined so sharply that even a doubling of smallmouth bass abundance, the only gamefish present aside for an occasional chain pickerel, has left total bass abundance at approximately one third of pre triploid grass carp levels.

Sturgeon, Salmon, and Gobys in the St. Lawrence River and Mohawk Marsh

Jim McKenna, USGS, Cortlandt, NY

Scientists from the St. Regis Mohawk Tribe and Tunison Laboratory (USGS) are working on a number of studies in the St. Lawrence River assessing ecological health of the international Akwesasne Marsh and working to restore native species. Operation of the Moses-Saunders Dam has altered water levels and hydrologic regime where the river crosses the boundary between New York, Ontario, and Quebec. Not much is known about the extensive marsh in this area. So, a cooperative study is gathering baseline data on fish assemblages and associated abiotic conditions, including hydrologic status. Field sampling has already found the first occurrence of invading round goby in that part of the St. Lawrence River. Work is also being done to examine the feasibility of restoring Atlantic salmon to tributaries in that area. Survival of 25,000 stocked fry was assessed in three tributaries and catches of yearling Atlantics is providing an indication of over-winter survival. The release and successful Mark-and-Recapture of nearly one hundred juvenile lake sturgeon is also providing hope that that species may be reintroduced to the St. Regis River. This comprehensive assessment of the presence, river distribution, and habitat use of juvenile lake sturgeon stocked in the St. Regis has recaptured five year classes of sturgeon in the river. Both of these species and the marsh are of great significance to the Mohawk tribe.

If you have a recent thesis or report you want to submit for the Spring newsletter, please e-mail an abstract to editors Allen Peterson ampeterson@nyseg.com or Leslie Surprenant ljsurpre@gw.dec.state.ny.us

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Upcoming Events

Tri-Society Meeting: Watersheds: Preservation, Restoration, and Management of Our Landscape
Syracuse, NY. February 3-4, 2005 707-923-7501

11th Annual Whirling Disease Symposium, Denver, Co. February 3-4, 2005. Contact Wanda McCarthy, whirling@mcn.net 406-585-0860

2nd 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

23rd 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 135th 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.

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Minimum Qualifications: A Masters degree in fisheries science, marine science, natural resource management, or outdoor or environmental education. Min 3 years experience in fisheries management or environmental education. Some weekends and evenings required.

Desirable Experience: Working in an extension or outreach program.

To apply: Send cover letter and resume, and official college transcripts to Nancy Greenawalt, New York Sea Grant, 112 Rice Hall, Cornell University, Ithaca, NY 14853, or e-mail at nag3@cornell.edu. Direct application questions to Nancy

Greenawalt at 607-255-2832. and position related questions to Robert J. Kent, Marine District Program Coordinator, New York Sea Grant, at 631-727-3910, or e-mail him at rjk13@cornell.edu.

Application deadline: December 30, 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
jemckenna@usgs.gov

Secretary-Treasurer, John Homa
NYCAFS_Homa@aol.com

Secretary-Treasurer-elect, Scott Jones
Scott.Jones@devinetrbell.com

Newsletter Editors, Leslie Surprenant
ljsupre@gw.dec.state.ny.us
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snyderw@morrisville.edu

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wepearsa@gw.dec.state.ny.us
Resolutions/Envir. Concerns, Randy Vaas
navypap@twcny.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 dditman@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

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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.

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New York Chapter American Fisheries Society Annual Meeting Will be held at Tri-Society 2005 in Syracuse! February 2-4, 2005

Meeting Announcement and Call for Papers

Watersheds: Preservation, Restoration, and Management of Our Landscape

The 2005 annual chapter meeting will be held in conjunction with the state chapters of the Society of American Foresters and the Wildlife Society. This multidisciplinary meeting will feature speakers on watershed scale challenges, practices, and opportunities, both large and small. Many diverse agencies, academics and not-for-profit groups are engaged in the research, development, and implementation of the restoration of natural ecosystems across North American and New York State. We will be discussing watershed restoration and seeking a better understanding of the linkages at the land-water interface, the linkages to biological populations and communities of plants, wildlife, and fish, and how our actions affect these linkages, populations, and landscape. Scales range from small headwater streams to entire river and lake basins. The success and effectiveness of restoration efforts are also highly dependent on incorporating the social and cultural needs of people living within the watershed.

Gerry Barnhart and Bruce Williamson, NYSDEC, will get us started on Thursday morning. Joseph Makarewicz, SUNY- Brockport, and Doug Burns, USGS will speak about Best Management Practices and Chuck Krueger, GLFC, will speak on Restoration of Great Lakes Aquatic Resources - Lake Trout and Lake Sturgeon. In the afternoon, we will continue together to learn about watershed restoration and management case-studies in NY, followed by a panel discussion with the speakers.

If you would like to speak on this or any other topic; please contact Dan Josephson ASAP at (315) 369-6781, or send abstracts (WORD format preferred) to him at dcj3@cornell.edu. There is still space for more speakers and all are welcome to contribute posters!

The deadline for submission of contributed paper and poster abstracts is January 9, 2005.

Early Registration: Please contact (ESF Continuing Education Assistant, Maureen Wakefield, (315)470-6891, mwakefield@esf.edu) as early as possible if you plan on attending the conference and make your room reservations early as we anticipate a large turnout for this conference. A printable/faxable registration form is available at <http://www.esf.edu/outreach/pd/conferences.htm>

Hotel: This year the Conference will be held in Syracuse/Liverpool, New York. We have reserved the Holiday Inn Syracuse-Liverpool which is located at Thruway (I-90) exit 37 or I-81 exit 25 (turn right, follow to end 1 mile). The rate of \$76/night for single or \$86/night double rooms will be available for the conference and can be reserved by calling the hotel at (315) 457-1122 and identifying the Tri-Society conference room block.

Attractions: Pamphlets and brochures describing the many attractions in Syracuse including Carousel Center, the Museum of Science and Technology, IMAX Theatre, Rosamond Gifford Zoo, or Erie Canal Museum will be available near the registration desk. Remember to bring your bathing suits and workout clothes because there is a heated pool and a fitness center on-site.

Cost: Registration for the Conference will begin at about 4:00 PM on February 2, 2005 at a cost of \$100 for members (prepaid, \$125 at the door), and \$65 for students (prepaid, \$75 at the door). A new option for student attendees this year- if you will be unable to attend the banquet, there is a \$25 discount available. The Conference will conclude at approximately 12:00 PM on February 4, 2003.

STUDENT PRESENTERS, as in past years, the Chapter will cover the **FULL COST** (\$65) of meeting registration to the primary student presenter of papers and posters. The presenter of the Best Student Paper will receive a check for \$100.00 from the Chapter.

*Great Raffle! Learn something new! See old friends! Meet new partners! Vote for a new Chapter President! Come to the meeting!
And the business meeting- don't forget the business meeting- it's very important!*

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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:

- 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 No

Are you a member of the American Fisheries Society (Parent Society)? Yes No

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

- Environmental Concerns Resolutions Committee Newsletter Staff
 Student Sub-unit Native Peoples Fisheries Membership Committee
 Finance Committee Professional Diversity Nominating Committee
 Program Committee Professional Incentives 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.

- 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]

- Professional Membership [\$10.00] Student Membership [\$5.00]

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

Date