

L. Eric Starbuck Fishery

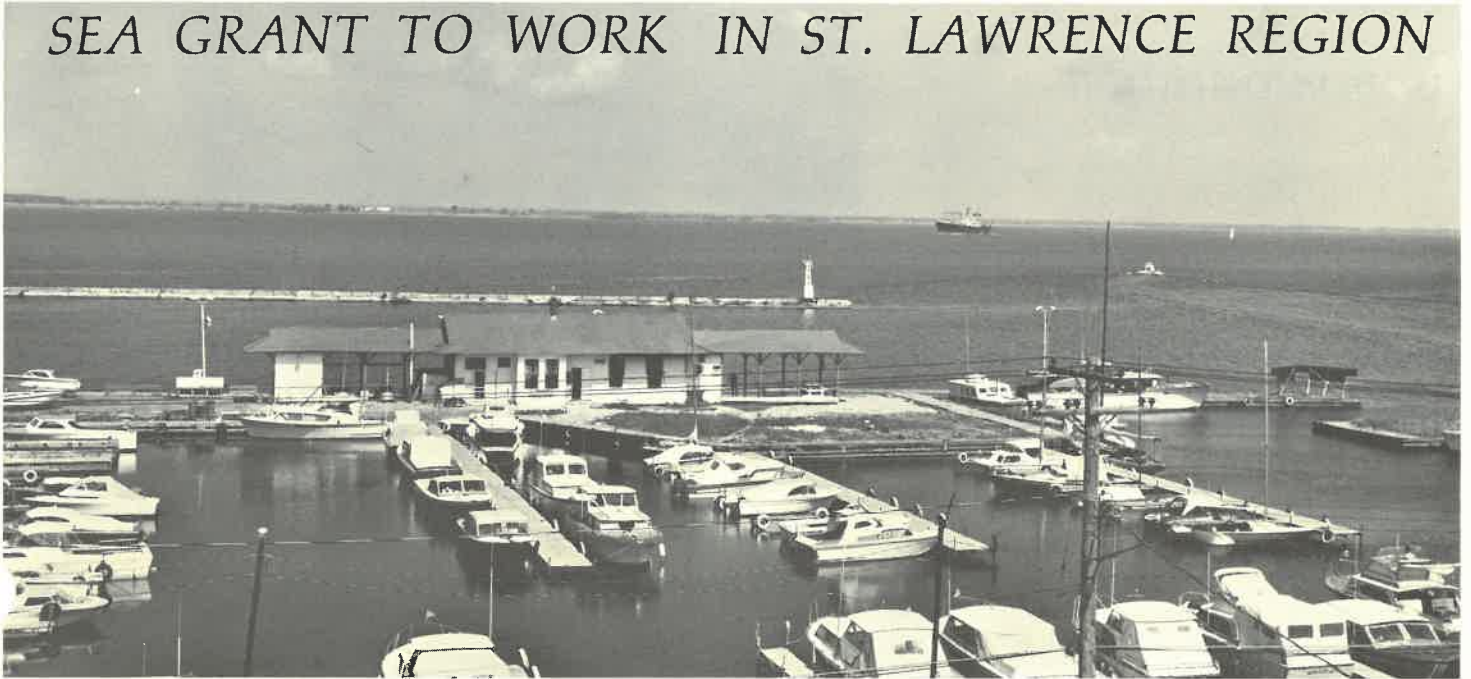
# Coastlines

NEW YORK STATE SEA GRANT INSTITUTE  
STATE UNIVERSITY OF NEW YORK and CORNELL UNIVERSITY

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January-February 1975

## SEA GRANT TO WORK IN ST. LAWRENCE REGION



*Sea Grant Advisory Service staff in the Potsdam office will work with marina operations, such as this one at Cape Vincent, along the St. Lawrence River. (A Department of Commerce photograph—Harry Thayer)*

January, the beginning of the new year, has brought another beginning for New York Sea Grant as well. Early in the month Regional Marine Specialist, Stephen Brown, opened a new Advisory Service office on the campus of the State University College at Potsdam. Brown, who has been located at the Oswego Advisory Service office, will be working

with communities along the St. Lawrence River.

This St. Lawrence region has long been important as a center for recreation and tourism within the state. And, initially, Brown, whose background has been in the area of recreational planning, will help communities explore ways of enhancing and developing exist-

ing recreation resources. Other economic activities on the Thousand Islands' coastal region will also be a major focal point for Brown.

Temporary offices are located at:  
607 Raymond Hall  
SUC/Potsdam  
Phone: 315-268-3364

## FINANCIAL WORKSHOP SET FOR JANUARY

Commercial fishermen interested in learning more about business management opportunities will want to attend the Financial Management workshop in Riverhead, N. Y. on January 23.

Sponsored by the Stony Brook Advisory Service office, the workshop will

cover such topics as federal financial programs for fishermen, health insurance and tax information. Speakers will include representatives of the National Marine Fisheries Service, Farm Credit Services and Cornell University.

The workshop will begin at 1:00 p.m.

at the Suffolk County Extension Association Building in Riverhead and is expected to continue until 5:30 that afternoon.

Those who wish to attend or who would like more information should contact Norm Bender at the Stony Brook Advisory Service Office listed on the back page.

# Marine Educators Strive For Better Communication



New York City students dissect a shark as part of a "marine awareness" science program.

Educators from New York's Atlantic coastal region will gather during January to consider forming a marine educators' association in this state—an organization that could mean more effective programs for youth on both New York's Atlantic and Great Lakes shoreline.

According to New York Sea Grant Youth Specialist, Rick Raymond, educators have been concerned that many high quality marine science teaching materials exist that are not being widely circulated. In addition, persons interested in initiating courses in marine science have no convenient way of exchanging ideas with those who are already operating successful programs. An organization of marine educators might be one way of changing these things.

As a first step toward furthering communications, some forty-two teachers and other interested persons met in November at the New York Aquarium in New York City. The morning session was devoted to exchanging information on existing programs and activities. Speakers included Matt Leron, a faculty member at Beach Channel High School (Jamaica Bay) who discussed his school's outdoor laboratory program; Bill VanLoo who told about two schoolships used by the Foods and Maritime Trades High

School (N.Y.C.) for teaching oceanography; and Vincent Li-guori, from the Department of Biological Sciences at Kingsboro Community College, who spoke about a cooperative program utilizing the combined resources of the College and several high schools in the Sheepshead Bay area.

During the afternoon, the group shifted its attention to identifying problems and possible solutions. Arthur Isbit of Rutgers University presented information on New Jersey's recently formed Marine Educators' Association to assist the group in weighing the advantages and disadvantages. At the close of the meeting, a steering committee of fifteen people was formed to lay the groundwork for future efforts.

The steering committee that meets in January will, in addition, compile information on existing marine educational curriculum and disseminate it to interested educators throughout the state. Eventually they hope to include Great Lakes educators in a more formal way.

Persons wishing further information about these activities should contact Rick Raymond in the New York City office listed on the back page.

## Agricultural Extension, Marine Advisory Services Agree on Closer Cooperation

Close working relationships between State Cooperative Extension Services and marine advisory programs were provided under a landmark interagency agreement signed in mid November.

Under the agreement, the Extension Service of the U.S. Department of Agriculture representing State Cooperative Extension Services and the National Oceanic and Atmospheric Administra-

tion (NOAA) of the U.S. Department of Commerce will work together to provide extension-type services to the marine community. NOAA will prepare a plan for developing marine extension and advisory programs in coastal and other interested states, and advise Extension Services of programs that might pertain to cooperative extension. Upon concurrence by Extension Service, the two

services will coordinate the design of educational programs for disseminating information generated by NOAA and will develop and support educational programs on national, regional, state and local levels.

NOAA's Marine Advisory Service, under the direction of Howard Eckle,

(continued on page 3)

# A NEW LOOK AT LAKE ERIE —

... Sea Grant Staff have hope for this not-so-dead lake

By Rob Patten, Regional Marine Specialist  
N.Y./PA. Sea Grant Advisory Service

The national press, in an attempt to summarize the situation on Lake Erie for the public ~~often~~ has erroneously given last rites to a "dead" lake. While it is true that pressures of industrialization and urbanization have exerted a tremendous negative influence on the lake, recent evidence strongly suggests that we should take another look at our "deceased" friend.

Staff in The New York Pennsylvania Sea Grant Advisory Service office, located in Fredonia, New York, ~~has~~ been taking a hard look at the problems associated with Lake Erie, and this is what they've found.

— A 1973 study commissioned by the Erie County, Pennsylvania, Health Department concluded that water quality in the Pennsylvania region of the lake met even the most stringent criteria of the Pennsylvania Environmental Quality Board and the U.S. Environmental Protection Agency.

— The International Joint Commission, which says as little as possible unless "valid statistical certainty" can be determined, reports that the accelerating rate of degradation of Lake Erie appears to have been halted.

— Fishing in Lake Erie is on an upward surge. Sport fishermen have reported increased catches of yellow perch, walleye, and salmon. Commercial fishermen netted a total of 48 million pounds of fish from Lake Erie in 1973, up 24% from last year alone. The commercial catch of white bass (2.4 million pounds) in 1973 was double the catch of any previous year for this species.

— Furthermore, the consensus of the lifelong residents of the lake was that the water today isn't as clean as it was in the "good old days" but it sure is a lot cleaner than it was five to ten years ago.

Preliminary work done by Sea Grant researchers Starler, Fisher, and Fisher seemed to support the idea that the economies of communities along the lake

suffer as the water quality declines. Assuming the opposite, that people will move back into the area when water quality improves, Advisory Service staff recognized that their main job was to help people understand Lake Erie is still a viable recreational resource.

The result was a daily Recreational Report broadcast between 10 and 15 times a day over three radio stations to an audience that spanned 100 miles of coastline. Each report included up to date information on weather, fishing, boating and swimming.

Response ~~was~~ very favorable. One state park superintendent noted unusually high occupancy of his campsites beginning the day campsite availability reports were included in the broadcast. Many others responded appreciatively for the tips on boating safety and information on special community waterfront activities.

*is think in terms of camp*  
*is only a start. Now the job becomes distributing to specific groups — working to*  
*During the coming year the staff hopes to work with town supervisors in developing a coastal zone management plan, and also help commercial fishermen utilize previously undesirable species of fish.*

## Closer Cooperation....

(continued from page 2)

and operates under the auspices of the National Sea Grant Program. It involves advisory activities of other NOAA components, such as those of the National Marine Fisheries Service, as well as those of Sea Grant.

## I WANT MORE

Further details to help solve several coastal problems are available. Each month we try to list several publications of possible interest to you; check off those you would like and return to the Sea Grant Advisory Office nearest to you. Addresses are listed on the back page.

(Single copies of the following publications are free.)

- \_\_\_J22 Our Everchanging Shoreline (film flyer)
- \_\_\_J23 What's It? (A Guide For Identification of Great Lakes Salmon and Trout in New York) (flyer)
- \_\_\_M5 Community Action for National Flood Insurance Coverage (42 pp)
- \_\_\_D4 Water Recreational Activities in New York State and the Effect on Associated Industries 15 pp.

There is a charge for the following publications. Make checks payable to: "Cornell University."

- \_\_\_F3 The New York Aquaculture Program—Past, Present, and Future (A New York Sea Grant Institute Report) Orville W. Terry 16 pp. 25¢
- \_\_\_F4 A Catalog of Marine Fisheries Legislation in New York State Jay J. C. Ginter 114 pp. \$2.00

*Uniform 1950*

Dear Coastline Reader:

It's subscription renewal time! If you wish to continue to receive COASTLINES please take a few minutes to fill out this brief questionnaire, and return it to us by March 1. Please attach current mailing label before returning. Thank you. (Send response to the Editor, Coastlines, Fernow Hall, Cornell University, Ithaca, N.Y. 14853)

(You may check as many items in each column as appropriate)

*Occupation*

- public official
- commercial fisherman
- open boat operator
- charter boat operator
- bayman
- marina operator
- other marine industry worker
- engineer
- biologist
- planner
- chemist
- economist
- geologist
- writer-editor-media
- educator
- researcher
- librarian
- student
- Other \_\_\_\_\_

*Interest*

- coastal planning
- commercial fishing
- fishing station
- sport fishing
- other recreation
- marina
- education
- conservation
- fish processing
- marine foods
- power
- shore development
- aquaculture
- marine services
- Other \_\_\_\_\_

*Affiliation*

- business/industry
- college university
- high school / grade teacher / technical
- NOAA
- other federal agency
- state government agency
- regional or county agency
- city or town agency
- town / county planning body
- regional planning body
- planning consultant
- N.Y. Sea Grant
- other Sea Grant
- news media
- Environmental Mgmt. Council
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- Extension / 4-H
- port
- Other \_\_\_\_\_

Would you continue your subscription if a \$1.00 a year subscription were necessary?

Probably  Probably not

Please indicate any specific topics that you would like to see covered in this newsletter. \_\_\_\_\_

\_\_\_\_\_

Comments: \_\_\_\_\_

(Check One)

- My address is correct as is on current mailing label, attached below.
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## BAKER TO HEAD MINNESOTA ADVISORY SERVICE

Over thirty friends and colleagues were on hand in Oswego early in December to say farewell to Regional Specialist, Dale Baker. Baker has left his position in the Oswego Advisory Service office to become Director of the Sea Grant Advisory Service in Minnesota.

During his two years with New York Sea Grant, Baker spent much of his time working on problems related to power plant siting along Lake Ontario. During the past year he has been instrumental in assisting Great Lakes communities in preparing for the developing salmonid fishery.

All members of the New York Sea Grant Institute extend their wishes for success and look forward to a close working relationship with the Minnesota Sea Grant program in the future.

## UPDATE

A "Commercial Marine Insurance Guide" has been published by the University of Rhode Island Sea Grant Program. It provides valuable information on marine insurance coverage both to persons buying insurance and to insurance agents and brokers who may be unfamiliar with the subject. Insurance hazards common to marina owners, boat dealers, marine supply dealers, dry dock and boat repair firms are discussed. You can obtain a free copy by writing to Norman Bender at the Stony Brook Advisory Service Office.

Sandy Schuman, who has been located at the Fredonia Advisory Service office, will move to the Oswego office as of January 1. Baker's position will be filled by June 1.

## *Ocean-Related Career Assistance Available to Minority Students*

The New York City Sea Grant Office is currently sponsoring with the National Oceanic and Atmospheric Administration (NOAA) a cooperative educational program for minority students interested in science and environmental engineering careers. Under this program, undergraduate students have the opportunity to alternate periods of study with periods of study-related employment with NOAA. Upon completion of the program students become eligible for appointments to the NOAA Corps. Persons wishing more information should contact Rick Raymond at the New York City Advisory Service Office listed on the back page.

NYS Sea Grant Program Office  
State University at Albany  
Twin Towers  
99 Washington Avenue  
Albany, New York 12210  
Tel. (518) 474-5787

Sea Grant Advisory Service  
Fernow Hall  
Cornell University  
Ithaca, New York 14853  
Tel. (607) 256-2162

Youth Development Program  
381 Park Avenue South  
Room 621  
New York, New York 10016  
Tel. (212) 685-5081

Sea Grant Advisory Service  
Old Biology Bldg.  
SUNY/Stony Brook  
Stony Brook, New York 11794  
Tel. (516) 246-7777

Sea Grant Advisory Service  
Room 375  
Mason Hall Addition  
SUNY/Fredonia  
Fredonia, New York 14063  
Tel. (716) 673-3413

Sea Grant Advisory Service  
Culkin Hall  
SUNY/Oswego  
Oswego, New York 13126  
Tel. (315) 341-3042

Sea Grant Advisory Service  
251 Hartwell Hall  
SUNY/Brockport  
Brockport, New York 14420  
Tel. (716) 395-2638

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