

National Shellfisheries Association

Quarterly Newsletter



President:
President-Elect:
Vice President:
Secretary-Treasurer:

Dr. Edwin W. Cake, Jr.
Dr. Robert E. Hillman
Dr. Robert E. Malouf
Dr. Scott E. Siddall

Dr. Susan E. Ford, Newsletter Editor
Rutgers Shellfish Research Laboratory
P. O. Box 587
Port Norris, New Jersey 08349

January 1985

Port Norris, New Jersey

77th Annual Convention of NSA and SINA

Members of NSA and SINA will hold their annual joint meeting at the Omni Hotel in Norfolk, Virginia beginning Sunday, June 16 and ending Thursday, June 20. Room and registration costs are not yet known, but charges are expected to be about the same as last year. All NSA members will receive registration packets from SINA when details are final.

Site and Registration Committee Chairman Mike Castagna reports that alternative housing can be found at the Holiday Inn, Waterside, which is about 5 blocks from the Omni. Charges are \$60 and \$68 per night for single and double rooms, respectively. Additional persons are \$8 and roll-away beds are an extra \$8 per night. Phone (804) 627-5555 for reservations or more details.

Members can make their own inquiries about alternative housing by calling the Chamber of Commerce in Norfolk (804-622-2312). The Chamber of Commerce keeps lists of hotels, motels, guest houses, and rental agencies, which it will sent out on request. Weekly rental of a multi-bedroom house or apartment is frequently far cheaper than are hotels. Be sure to find out how far an accomodation is from the Omni - this is particularly critical if you don't have a car.

Additional information about the meeting will appear in the spring Newsletter. Meanwhile, Mike Castagna can be contacted at

Virginia Institute of Marine Science
Wachapreague
VA 23480
(804) 787-3280

NSA BUYS A COMPUTER

Secretary-Treasurer Scott Siddall reports that NSA now owns a Morrow MD5-E computer and an Epson FX-80 printer that will circulate with the office of Secretary-Treasurer. The entire system, including supplies, was purchased for \$2,600. The Morrow runs CP/M version 3.0 on a Z80A chip (an 8-bit processor); it has a 128K memory, a double-sided, double-density floppy disk drive, and a 5 megabyte hard disk drive (the entire set of NSA records and programs requires about 1 megabyte). The system comes with a word processor and a spelling checker, and will accept a large variety of software. Scott has programmed the Morrow to handle all NSA membership records, bookkeeping, invoicing, and mailing lists. He will be updating the membership list and sending dues invoices in late February.

RECRUITMENT DRIVE AIDED BY COMPUTER

The new Morrow computer has enabled the Secretary-Treasurer to extend invitations to join NSA to 1300 members of the World Mariculture Society, the American Malacological Union, and the Aquaculture Association of Canada. This mailing supplements the continuing efforts to recruit members of the Interstate Shellfish Sanitation Conference (ISSC), the Pacific Coast NSA, SINA, and the Pacific Coast Oysters Growers Association.

Questions about membership and dues status can be directed to

Dr. Scott Siddall, Secretary-Treasurer
National Shellfisheries Association
Marine Sciences Research Center
State University of New York
Stony Brook, NY 11794
(516) 246-8678

STATUS OF THE JOURNAL OF SHELLFISH RESEARCH

JSR editor Roger Mann has moved from Woods Hole to VIMS. All manuscripts, and correspondence concerning manuscripts and peer reviews should be sent to

Dr. Roger Mann, Editor
Journal of Shellfish Research
Virginia Institute of Marine Science
Gloucester Point, VA 23062
(804) 642-7360

Managing Editor, Ed Cake reports that Volume 3(2) is being typeset and will be out in mid March.

Questions about subscriptions, proofs, and reprints should be sent to

Dr. Edwin Cake, Jr., Managing Editor
Journal of Shellfish Research
Gulf Coast Research Laboratory
Box AG
Ocean Springs, MS 39564
(601) 875-2244

CALL FOR PAPERS

Bob Malouf, Program Chairman, requests that titles and abstracts for presentation at the meeting be in his hands no later than April 1, 1985. Use the abstract form included with this Newsletter and follow the instructions on the back of the form. Please note that a \$10 (US) check (made out to NSA) to cover publication costs should accompany each abstract. Twenty minutes will be allotted for each paper and discussion. The program will be put together with the earliest abstracts received having priority over late arrivals. This will be the only call for papers, so don't delay. Also, please do not forget to indicate on the abstract form whether you would prefer an oral or poster presentation. Bob has additional abstract forms for those requiring them. Titles and abstracts should be sent to

Dr. Robert Malouf
Marine Sciences Research Center
State University of New York
Stony Brook, NY 11794
(516) 246 3529

In addition to contributed papers, two special sessions are planned:

Jeff Kassner would like to put together a session on "Clam Management". This session would focus on the techniques, options, and problems of managing coastal (i.e., all) clam species. Possible topics include economics, enhancement, regulation, and comprehensive management programs. If you are interested in contributing, contact Jeff at

Division of Environmental Protection
Town of Brookhaven
475 E. Main Street
Patchogue, NY 11772
(516) 654-7914

Neil Bourne has suggested a session on the "Status of Shellfisheries on Atlantic, Pacific, and Gulf Coasts". If you are interested or would like more information, please get in touch with Neil at

Pacific Biological Station
Box 100
Nanaimo, BC Canada V9R 5K6
(604) 756-7037

The final program for the June meeting will be published in the Newsletter scheduled for late April.

PACIFIC COAST NSA

At their annual meeting in September, members of the Pacific Coast section of NSA elected the following officers:

Chairman	Hal Beattie
Vice-Chairman	Bob Cox
Secretary-Treasurer	Carolyn Gangmark
Members-at-Large	Charlene Olsen
	Jim Donaldson

Summer Assistants

Horn Point Environmental Laboratories, a research facility of the University of Maryland located on Chesapeake Bay, seeks applications from qualified undergraduates for 12 weeks summer employment from approximately June 2 - August 24, 1985. Work involves participation in research programs in the areas of estuarine and environmental sciences and provides excellent experience for science majors. Primary emphasis is placed on supervised research. Wages are \$140 per week. Dorm facilities are available. For more information and application forms, contact Director, Summer Program, Box 775, Cambridge, MD 21613. (301) 228-8200. Applications are due by April 1, 1985.

Rutgers Shellfish Research Laboratory seeks applications from interested undergraduate and graduate students for summer employment at our Delaware Bay Laboratories at Bivalve and Cape Shore, New Jersey. Employment will be from about June 1 to August 30, 1985. Work is field oriented, but involves laboratory analyses, and includes a variety of marine and estuarine research projects. Boat experience is preferred but not necessary. Individual projects and work-study are encouraged. Salary is \$130-140 per week. Dormitory space is provided at no charge. Please contact Eric Wagner, Rutgers Shellfish Research Laboratory, Box 587, Port Norris, NJ 08349 (609) 785-0074.

POSITION SOUGHT

Oyster biologist/estuarine ecologist seeks research or research/teaching position. Available immediately. Ph.D. in Oceanography (Texas A&M, 1982). Publications in the areas of oyster nutrition and parasitology, benthic community ecology, and estuarine ecology. Good funding and teaching record. Please contact Dr. Thomas M. Soniat, Department of Biological Sciences, University of New Orleans, Lakefront, New Orleans, LA 70148. (504) 286-7040.

AMERICAN MALACOLOGICAL UNION MEETING

The American Malacological Union will hold its annual meeting at the University of Rhode Island on July 29-August 3, 1985. Three special symposia are planned:

- Molluscan egg capsules - Jan Pechenik, organizer
- Molluscan radulae - Bob Bullock and Carole Hickman, organizers
- Ecology of freshwater molluscs - Eileen Jokinen, organizer

The Boston Malacological Club is planning special events in commemoration of its 75th anniversary. There will also be contributed papers, a poster session, marine and freshwater field trips, workshops, an auction to benefit the AMU Symposium Endowment Fund, exhibits and commercial sales of items of interest to attendees, and a New England clam bake. A program to honor junior malacologists will open the meeting. For further details write to Dr. M. R. Carriker, College of Marine Studies, University of Delaware, Lewes, DE 19958 (302) 645-4274.

POLICY CHANGE FOR DISTRIBUTION OF JSR

With approval from the NSA executive committee, JSR Volume 3 will be mailed to all NSA members who were new in 1984. In the past, the membership year corresponded with the volume number (i.e., Volume 3 would be sent only to those persons who were members in 1983). This has resulted in the loss of many new members who don't receive the Journal for a year or more after they have joined NSA. Henceforth, when an issue of JSR is published, it will be distributed immediately to all currently active members.

AMENDMENT TO BYLAWS PASSED

By a mail-ballot vote of 242 (yes) to 45 (no), Article VIII, Section 1(A) of the NSA Bylaws was changed from

"Annual dues of active members shall be twelve US dollars (\$12.00) payable on or before January 1 of each calendar year."

to

"Dues, payable in US dollars on or before January 1 of each calendar year, may be changed as necessary by a vote of the general membership present at the Annual Business Meeting."

POSITIONS OFFERED

Aquaculture specialist, Ecuador

Penaeid shrimp hatchery under construction in Ecuador expects to start production in fall 1985 and is looking for a biologist with at least one year's experience in large-scale algal production (over 5000 liters of Chaetocerus and Tetraselmis daily). Take-home salary after taxes between \$10,000 and \$15,000/year depending on experience. Extras include one round trip ticket to the States each year, transportation, housing with utilities, and full medical coverage. Minimum length of contract is two years. For further information, please contact Mark Leslie, Aqualab S.A., Casilla 5738, Guayaquil, Ecuador, (phones: office 373-813; home 785-439).

Post-Doc in Marine Invertebrate In Vitro Systems

A post-doctoral position (one year with possible renewal for additional year) is available at the Center for Marine Disease Control, Marine Research Laboratory, Battelle Northwest. The successful candidate will be expected to conduct research programs to develop methods to initiate and characterize cell, tissue, and organ cultures (primary and potentially continuous cultures) from selected marine invertebrate species. Applicants should possess demonstrated technical background and research aptitude in biochemistry, invertebrate physiology, and experience in cell and/or tissue culture. Applicants must possess U.S. citizenship. The position is expected to be filled before July 1, 1985. Please forward resumé, reprints and statement of pertinent experience and objectives to Dr. Ralph Elston, Center for Marine Disease Control, Battelle Marine Research Laboratory, 439 W. Sequim Bay Road, Sequim WA 98382, (206) 683-4151.

NATIONAL SHELLFISHERIES ASSOCIATION QUARTERLY NEWSLETTER



President: Dr Richard A Lutz
President-Elect: Dr Edwin W Cake, Jr
Vice President: Dr Robert E Hillman
Secretary-Treasurer: Dr Robert E Malouf

Dr. Scott E Siddall, Newsletter Editor
Marine Sciences Research Center
State University of New York
Stony Brook, NY 11794

January 1984

Stony Brook, New York

ELECTION OF NSA OFFICERS

The Nominations Committee chaired by Vic Burrell (South Carolina Marine Resources Research Institute, Charleston, SC) has submitted the names of the following NSA members who have agreed to sit for election as officers of the Association.

PLEASE VOTE NOW so that the efforts of this Association will reflect your interests and needs. Take the time now to review the biographical summaries and mark this ballot, which should be folded, stamped and mailed to President-Elect Edwin W. Cake, Jr. as addressed on the back of this first page.

Check or write in only ONE choice per office

PRESIDENT-ELECT:

.... Robert E. Hillman
.... William K. Hershberger
Write-in:

VICE PRESIDENT:

.... Robert E. Malouf
.... Edwin W. Rhodes
Write-in:

SECRETARY-TREASURER:

.... Terry Y. Noshov
.... Scott E. Siddall
Write-in:

MEMBER-AT-LARGE:

.... Scott M. Gallager
.... Rene E. Lavoie
Write-in:

President-Elect:

William K. Hershberger: Associate Professor, School of Fisheries, University of Washington, Seattle, WA. BS (1963) Juniata College; MS (1965) Pennsylvania State; PhD (1968) Pennsylvania State. NIH Postdoc, Texas Medical Center. Assistant Professor University of Washington, 1970-78. NSA member since 1977. Chairman, Pacific Coast Section of NSA 1979-80. Secretary/Treasurer of PCS, 1977-78. Research interests: genetics of finfish and shellfish, applications to culture, control of reproduction, early life history traits.

Robert E. Hillman: Research Leader, Battelle New England Marine Research Laboratory, Duxbury, MA. BA (1955) Hofstra University; MA (1958) Hofstra University; PhD (1962) University of Delaware. Research Associate and Assistant Professor, Chesapeake Biological Laboratory. NSA member since 1959. Editor, Proceedings of NSA 1976-82. Research interests: histology, histochemistry and pathobiology of shellfish.

NATIONAL AQUACULTURE DIRECTORY

The National Marine Fisheries Service has published the National Aquaculture Directory containing addresses of over 2,600 fish and shellfish farms with information on species cultured. The directory is available from the National Technical Information Service (NTIS), US Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161, for \$16.00 (paper) or \$4.50 (microfiche). Be sure to include the Directory's NTIS Accession Number "PB 84-24433-44".

NEW MEMBERS

Several new members, with a variety of interests, have joined NSA:

Roy D. Ary	Univ. of New Orleans	blue crab biology closed systems
M. Carmela Cuomo	Marine Sciences, SUNY Stony Brook, NY	larval settlement <u>Mya</u> metamorphosis
Lee R. Crockett	Marine Sciences Inst. Univ. Connecticut	Shellfish management and aquaculture
Paul E. Drury	Juneau, Alaska	aquaculture engineering salmon
John N. Hochheimer	Marine Advisory Serv. Univ. Maryland	engineering, soft crab shedding
Renee S. Mercaldo	NMFS Milford, CT	
Paul G. Neima	Fisheries Resources Development, Ltd. Nova Scotia, Canada	scallop biology aquaculture

NEWSLETTER MATERIAL

If you have any information for inclusion in the Quarterly Newsletters (notice of meetings, positions offered, jobs wanted or other items of interest to NSA members), please forward it to

Dr. Susan E. Ford
Rutgers Shellfish Research Laboratory
Box 587
Port Norris, NJ 08349
(609) 785-0074

Vice President:

Robert E. Malouf: Associate Professor of Marine Science, Marine Sciences Research Center State University of New York at Stony Brook. BA (1968) University of Montana; MS (1970) Oregon State University; PhD (1977) Oregon State University. Resident Biologist, University of Delaware 1970-72. NSA member since 1969. NSA Site and Registration Committee 1981; NSA Secretary-Treasurer 1982-84. Research interests: molluscan mariculture and management, bio-energetics and growth in bivalve molluscs.

Edwin W. Rhodes: Fishery Biologist (Research), National Marine Fisheries Service, Milford, CT. BS (1966) Rensselaer Polytechnic Institute. Marine Biologist, Inmont Corporation, NY and FL 1970-71. NSA member since 1974. Research interests: selection of bivalve species for commercial aquaculture, scallop aquaculture.

Secretary-Treasurer:

Terry Y. Noshov: Aquaculture Specialist, Washington State Sea Grant Program. BS and MS at the University of Washington. Secretary-Treasurer and Chairman, Pacific Coast Section of NSA, Member-at-Large of NSA 1978-80. Honorary Membership Committee 1982. NSA member since 1969. Research interests: shellfish farming.

Scott E. Siddall: Assistant Professor of Marine Science, Marine Sciences Research Center State University of New York at Stony Brook. AB (1972) Case Western Reserve University; PhD (1980) Rosenstiel School of Marine and Atmospheric Science, Miami. Research Assistant Professor, Rosenstiel School 1980-83. NSA member since 1977. NSA Member-at-Large, 1981-84. Editor, Quarterly Newsletter 1982-present. Research interests: biology of mollusc larvae, molluscan mariculture.

Member-at-Large:

Scott M. Gallager: Research Associate, Woods Hole Oceanographic Institution. BA (1974) Alfred University. MS (1977) Long Island University. Research Assistant, Harvard University 1977-79; Consultant, Columbia University 1977-78. NSA member since 1980. Research interests: physiology of larval and adult bivalves, bivalve culture, larval behavior, boring molluscs, instrumentation.

Rene E. Lavoie: Assistant to the Director, Fisheries Research Branch, Fisheries and Oceans, Halifax, Nova Scotia, Canada. BSc (1965) and PhD (1970) Laval University, Quebec City. NSA member since 1972. Chairman, Membership Committee 1982-83. Research interests: molluscan mariculture, population dynamics, molluscan biology and ecology, shellfisheries, predation and leasing.