

National Shellfisheries Association

QUARTERLY NEWSLETTER

Winter/Ballot 1988

Lewes, Delaware



Annual Election of NSA Officers and Special Vote on Constitutional Revisions

The Elections Committee, chaired by Bob Malouf (SUNY, Stony Brook, New York), has submitted the names of the following NSA members who have agreed to stand for election as 1988-89 NSA officers:

President-Elect

George Abbe
Scott E. Siddall

Vice-President

Ralph Elston
Victor S. Kennedy

Secretary-Treasurer

Edwin Rhodes

1988-1991 Member-at-Large

Arnold Eversole
Thomas M. Soniat

If the Association is to reflect your concerns and professional interests, it must have your input in this annual voting exercise. Please review the biographical summaries of each candidate included in this issue and **vote now** by marking the enclosed ballot, which should be folded, stamped and mailed to President-Elect Roger Mann as addressed on the back of the ballot.

Also on this year's ballot, you will have an opportunity to vote on the proposed changes to the constitution and bylaws made by the Executive Committee (EXCOM). Copies of the amended constitution and bylaws are included in this issue along with an explanation of the changes that were made. Please review these documents before casting your vote. Secretary-Treasurer Ed Rhodes, (203) 783-4200, will answer any specific questions you may have concerning these revisions.

Historian's Corner

— with Ed Rhodes —

A brief history of the National Shellfisheries Association was prepared by G. Francis Beaven for the *1954 Proceedings* (forerunner of *JSR*), and I offer most of his text:

"During the early years of the present century, a need was felt for a national organization wherein those state and federal officials charged with conserving and administering the extensive shellfisheries of our nation might meet, exchange ideas, and gain information from scientists who were studying biological and sanitary problems related to the industry. The first organi-

zational meeting was held in New York City on January 15, 1909, and on May 5 of that year a constitution and bylaws for a permanent organization of a National Association of Shellfish Commissioners was presented.

"Successive meetings attracted increasing attention not only from the officials of the various states but from many interested scientists and leading representatives of the industry as well. As more scientists in the fields of fishery biology, sanitation, and nutrition became active in the work of the Association, a revised constitution and bylaws was adopted on August 19, 1930, renaming the organization the National Shellfisheries Association, a title more descriptive of the wide though related

From the Editor

The fall issue of the NSA Quarterly Newsletter was sent out later than planned (late November) in 1987 due to the changeover to the new format and other unanticipated logistical delays. In an effort to get back on schedule, I have put together this issue as a combination of the winter and ballot issues. Traditionally, the ballot issue has been just that — a ballot for the election of NSA officers for the coming year accompanied by a short description of each candidate's background and experience. This year the ballot also includes an opportunity for the membership to vote on the proposed constitutional revisions passed last year by the EXCOM. Copies of the revised NSA constitution and bylaws are included in this issue.

With this combined issue, the NSA Quarterly Newsletter will be back onto its normal publication schedule. The spring issue will be mailed sometime in late April/early May with up-to-date information on this year's annual meeting in New Orleans.

One way to help me keep the newsletter on a timely schedule is to make sure that your contributions are submitted by the appropriate deadline. Because of the advance time needed for production, typesetting, layout, printing and mailing, you should plan to send me your material by the following dates: spring (pre-meeting) issue — March 1; fall (post-meeting) issue — August 1; winter issue — November 1; and ballot issue — January 15.

John Ewart
Editor

interests of its membership.

"The first joint meeting with the Oyster Growers and Dealers Association of North America was held in 1929. In 1937 the Oyster Institute of North America became a part of the Annual Oyster Convention."

Highly successful joint meetings of the three organizations were held in major cities along the Atlantic Coast and became centers of attraction for all people concerned with shellfish.

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80th Annual Meeting to be Held in New Orleans

The 80th annual meeting of NSA will be held in New Orleans June 26–30, 1988. You should already have received a call for papers; registration information will be mailed out soon. The meeting promises to be one of the best ever. The program will include special sessions on the **Gulf Coast oyster industry, crawfish, blue crabs, shrimp culture in the southeastern U.S. and water quality in shellfish growing areas.**

Other highlights of the meeting follow.

- The meeting will be held in the New Orleans Meridian, a beautiful hotel located on Canal Street immediately across from the French Quarter.
- We have negotiated a special room rate of \$68/night single or double. (Normal room rates at the Meridian are \$125/night).
- Twenty-five rooms (all triples) have been reserved for students at \$50/night, complete.
- The lobby bar of the hotel features nightly jazz.
- Included in the registration fee is an evening jazz cruise on the riverboat "Natchez."
- Also included in the registration is a sumptuous president's reception featuring a variety of aquaculture products and other favorite hors d'oeuvres.
- Ken Chew has again arranged for a Chinese dinner to be served at the New Orleans Botanical Garden. This is an optional event which has become an NSA tradition. Be sure to sign up early.
- The awards luncheon/business meeting is included in the registration fee.

You will receive a registration packet in the mail shortly. Don't procrastinate; return your registration materials promptly!

This will be a terrific meeting, I "GAR-RUN-TEE"! See you in New Orleans.

John Manzi
President

As you can see from John Manzi's message, arrangements for the upcoming annual meeting of NSA in New Orleans on June 26–30, 1988, are well underway. Program Chairman Scott Siddall reports that a large number of high-quality technical papers are expected and he anticipates that it will be necessary to hold concurrent sessions again this year. Scott also emphasizes that the deadline for submitting an abstract for this year's meeting, March 1, 1988, will be strictly enforced.

Local arrangements in New Orleans are being handled by Ron Dugas, Louisiana Department of Wildlife and Fisheries, 400 Royal Street, New Orleans, LA 70130 (504) 568–5678; and Tom Soniat, Department of Biological Sciences, University of New Orleans, Lakefront, New Orleans, LA 70148 (504) 286–7042. Contact Ron and/or Tom for additional information, and look for more details on the annual meeting in the next (spring) issue of the newsletter.

Contributions to the NSA Quarterly Newsletter

The purpose of the NSA Quarterly Newsletter is to develop communication between members of the NSA and to serve as a forum for the distribution of information of interest to the membership. The newsletter is published four times a year (spring, fall, winter, and ballot/late winter) and prints items relating to NSA business matters, the **Journal of Shellfish Research**, recent publications, future meetings, job opportunities, activities of other professional societies and miscellaneous items of interest. The newsletter is produced on an IBM PC using WordPerfect software. Whenever possible, your contribution (text) should be accompanied by a 5 1/4-inch floppy disk (which I will return) as either a WordPerfect or DOS text file. Camera-ready text should be typeset or laser-printed with 7 1/2-inch margins to ensure compatible type size when reduced. All members are encouraged to submit materials by the appropriate

deadline to:

John W. Ewart, Editor
NSA Quarterly Newsletter
College of Marine Studies
University of Delaware
Lewes, DE 19958
(302) 645-4060

The deadline for submitting material for the next (spring/pre-meeting) issue of the newsletter is March 1, 1988.

Historian's Corner

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In 1954 the annual publication of the convention addresses officially became the *Proceedings of the National Shellfisheries Association*. Prior to this time the annual reports of the meetings had appeared under a variety of titles including *Preliminary Notes . . .*, *Some Convention Addresses*, *Convention Addresses, Papers and Discussions, Addresses, Papers, and Proceed-*

ings. They were usually mimeographed, and we have documentation that they exist for 1911, 1912, 1931, 1932, 1938, 1939, and 1941 through 1953 — except for 1945 when no meeting was held because of war conditions. In 1957 and again in 1973, NSA published a list of titles of papers presented at annual meetings starting in 1930. Only titles from 1933 are missing from those lists.

Although 1954 was the first official publication year of the *Proceedings of the National Shellfisheries Association*, and might have been given the designation of Volume 1, other logic prevailed and it was called Volume 45! This was explained by the editor:

"The accurate retroactive assignment of volume numbers to previous reports of the Association is impossible at the present time because it has not been possible to locate a complete file of old reports, or lists of titles and dates of publication of old reports. However, because the volume number of a journal should indicate, even though approximately, the number of years of publication, we have checked available information carefully and on this basis have assigned Volume Number 45 to the present publication. The Association first organized in 1909 . . . and started issuing annual reports, as evidenced from a reference to *Report Proceedings Third Annual Convention National Association of Shellfish Commissioners, 1911*. Assuming that annual reports were issued every year except 1945 . . . the volume issued in 1954 would constitute the 45th annual report. Although there is no evidence showing that reports were issued annually, it seems appropriate to indicate the duration of the activities of the Association by assigning a volume number of each year during which a convention was held."

So, don't comb your files looking for the first 44 volumes of the old *Proceedings* — they don't exist under that name. I would like to see, however, how many of the mimeographed annual convention addresses can be located. The Chesapeake Biological Laboratory library has a complete set from 1930 onward, and a list of titles from those years was published by NSA in 1974. The 1909 to 1929 convention addresses are among the missing! Please send information about any of these oldies but goodies that you might find in your personal collections or libraries and I'll pass on the news in future columns.



NSA Call for Papers

Scott Siddall, current NSA Vice-President and Program Chairman for our 80th annual meeting in New Orleans, reminds everyone that the deadline for submitting abstracts for the technical sessions program was **5 p.m. (EST) March 1, 1988**. Because the program abstracts are being published in conjunction with the next issue of the **Journal of Shellfish Research**, there will be no opportunity to include abstracts submitted after that date. If you didn't get an abstract in the mail to Scott in time, your chances of getting onto this year's program are slim to none. However, there is one consolation: you're all set for next year's technical sessions at the 81st annual NSA meeting in Los Angeles, California.

Meetings, Courses, Etc.

A Symposium on the Pollution and Physiology of Marine Organisms will be held April 26-28, 1988, at the Ramada Inn, Mystic, Connecticut. The symposium will be co-sponsored by the School of Public Health and the Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina and The Northeast Fisheries Center, U.S. Department of Commerce, National Marine Fisheries Service, NOAA. Topics of special interest for this symposium include reproductive physiology, stress proteins and organotin pollutants. For further information, contact: Dr. Anthony Calabrese, National Marine Fisheries Service, Milford Laboratory, Milford, CT 06460 (203) 783-4200.

The 43rd Annual Convention of The National Fisheries Institute will be held April 26-30, 1988, at the Marriott Marquis Hotel at Times Square, New York City, New York. For further information, contact: The National Fisheries Institute, 2000 M Street, N.W., Suite 580, Washington, D.C. 20036 (202) 296-5090.

VIMS Workshops To Focus on Seafood Opportunities. A series of workshops will be held this spring on Fisheries Development and Utilization. Seafood Foreign Market Development (March 31, 1988), Financing Aquaculture Projects (April 20) and Culturing Striped Bass (April 21) are the focus of the workshops coordinated by the Marine Advisory Services at the Virginia Institute of Marine Science, College of William and Mary. Registration for each of the workshops is \$20, which includes lunch and materials. For additional information or to receive registration materials, contact: Marine Advisory Services at (804) 642-7170 or write: P.O. Box 1346, Virginia Institute of Marine Science, Gloucester Point, VA 23062.

The 49th Annual Meeting of the Association of Southeastern Biologists will be held April 13-16, 1988, at the Biloxi Hilton Hotel, East Beach, Biloxi, Mississippi. For further information, contact: Thomas D. McIlwain, c/o Gulf Coast Research Laboratory, P.O. Box 7000, Ocean Springs, MS 39564-7000 (601) 872-4203.

The National Blue Crab Symposium will be held May 15-17, 1988, in Virginia Beach, Virginia. This conference is to provide a national forum for the exchange of information concerning the biology, ecology, physiology and behavior of the blue crab (*Callinectes sapidus*). Areas of interest will include habitat variables, physiological responses to environmental variables, early life history, population dynamics and stock assessment. For further information, contact: Virginia Sea Grant College Program, Madison House, University of Virginia, 170 Rugby Rd., Charlottesville, VA 22903 (804) 924-5965.

Employment Opportunities

Manager — Black-lipped pearl *Pinctada margaritifera* shell pilot program, Pohnpei State, Federated States of Micronesia (Caroline Islands). Minimum qualifications: B.S. in Marine Biology, Fisheries or related field; one year's experience in pearl shell growout; good speaking and writing abilities in the English language; willingness to live on isolated atolls for extended periods. Desirable qualifications: experience in pearl seed insertion; previous experience in Pacific islands; diving certification; fluency in Micronesian or Polynesian languages; data and word processing on personal computers. Duties: manage spat collection study; train and supervise teams of Micronesians in methods of stock assessment; spat collection and growout procedures; prepare reports, project documentation and grants; advise state and municipal officials and the private sector concerning pearl shell farming. Resumes can be sent to: Flinn Curren, Pohnpei Marine Resources Division, P.O. Box B, Kolonia, Pohnpei, FM 96941.

Position available immediately with West Indies Mariculture, Ltd. Duties include: culture of the Caribbean King Crab/West Indies Spider Crab; management of broodstock; assisting in the hatchery; feeding and maintenance of growout stock; construction of raceways and cages. B.S./B.A. in Marine Science or related major, carpentry, boat handling and scuba experience required. Salary based on experience. For additional information, contact: Kim Moller or Kimberly Peyton, West Indies Mariculture, Ltd., North Caicos, Turks and Caicos Islands, British West Indies or P.O. Box 523158, Miami, FL 33152.

Food Production Manager — Caicos Conch Farm. Duties include: providing high quality algal food for veliger and post-larval conch; conduct research to increase the efficiency of growing food and to maximize food production; manage and train staff. Qualifications: B.S. in Aquaculture, Fisheries or Marine Biology; experience in culturing large quantities (up to 10,000 liters/day) of phytoplankton; must be an organized, responsible person with management and research skills willing to live and work in the Caribbean. For more information, contact: Megan Davis, c/o Trade Wind Industries Ltd., 7600 S.W. 87th Ave., Miami, FL 33173 (305) 279-4503 or write to TWI Ltd., Providenciales, Turks and Caicos Islands, British West Indies.

Publications of Interest

The Second National Soft-Shell Blue Crab Symposium was held November 4-5 at the Virginia Institute of Marine Science. Over 100 attendees representing every state with a soft-shelled industry were brought up to date on developments by leaders in industry, research and engineering. Michael J. Osterling, Sea Grant Commercial Fisheries Adviser at VIMS, was this year's conference organizer. The symposium was sponsored by the Sea Grant Mid-Atlantic Fisheries Development Foundation and the Gulf and South Atlantic Fisheries Development Foundation.

Mr. Murray Bridges, owner/operator of Endurance Seafood in Kitty Hawk, North Carolina, gave the keynote address to open the symposium. Mr. Bridges runs the largest crab shedding operation in North Carolina and his optimistic address described his own expanding business as well as the increasing opportunities for the industry.

Scientists from six different research universities presented information on closed-system design, biological aspects of molting, production design and variable environmental influences on the soft-shelled crab. Representatives from the industry described a variety of systems from the viewpoint of production along with quality control and marketing trends. John Hochheimer of the Maryland Sea Grant Marine Extension Program provided attendees with a summary of progress and future needs as the final presentation of the symposium. Hochheimer cited research concerns such as continued high mortalities after the first molt, water quality, the need for additional research, optimum shedding factors and marketing guidelines for small producers, as well as increased study of packing and storage requirements for quality control.

Complete proceedings from the symposium are available. For information on how to obtain a copy, please contact: Mike Osterling, VIMS, Gloucester Point, VA 23062 or call (804) 642-7165.

Information about the Candidates

President-Elect:

George Abbe, Senior Scientist, Academy of Natural Sciences, Benedict Estuarine Research Laboratory, Benedict, Maryland. B.S. (1965) Ursinus College; M.S. (1967) University of Delaware; Academy of Natural Sciences since 1967. NSA member since 1969. Executive Committee Member-at-Large, 1981; Nelson Award Committee, 1984-85; Chairman, Audit and Budget Finance Committee, 1984-present. Research Interests: long-term population studies of oysters and blue crabs, and uptake of metals by oysters.

Scott E. Siddall, Assistant Professor of Marine Science, Marine Sciences Research Center, State University of New York at Stony Brook, Stony Brook, New York. A.B. (1972) Case Western Reserve University; Ph.D. (1980) Rosentiel School of Marine and Atmospheric Science, University of Miami. Research Assistant Professor, University of Miami, 1981-83. NSA member since 1977. Executive Committee Member-at-Large, 1981-84. Editor, NSA Quarterly Newsletter, 1982-84; Secretary-Treasurer, 1984-87; Vice-President, 1987-88; Thurlow C. Nelson Award, 1977. Research Interests: molluscan aquaculture, feeding and flow, larval dispersion and computer applications.

Vice-President:

Ralph Elston, Senior Research Scientist, Batelle Marine Research Laboratory, Sequim, Washington. B.S. (1973) University of California, Davis; M.S. (1975) University of California, Davis; Ph.D. (1980) Cornell University. Research Associate, Cornell University, 1980-82. NSA member since 1979. President, Pacific Regional Section of NSA, 1987-88; Vice-President, Pacific Regional Section of NSA, 1986-87; Executive Committee Member-at-Large, 1985-88; Thurlow C. Nelson Award, 1979. Research Interests: molecular biochemistry and cellular mechanisms of disease and disease resistance in molluscs.

Victor S. Kennedy, Professor, Horn Point Environmental Laboratories, University of Maryland, Cambridge, Maryland. B.S. (1962) Sir George Williams University, Montreal; M.S. (1964) Memorial University of Newfoundland; Ph.D. (1970) University of Rhode Island. Postdoctoral Fellow, University of Canterbury, New Zealand, 1973-74; Postdoctoral Fellow, Environment Canada, Newfoundland Biological Station, 1974-76; St. Francis Xavier University, Nova Scotia, 1983-84; at Horn Point since 1976. NSA member since 1968. Chairman, Site and Registration Committee, 1980-83; Constitution Committee, 1985-86; Thurlow C. Nelson Award, 1968. Research Interests: reproduction and larval behavior, and ecology of bivalves. Ecology and dynamics of littoral and sublittoral benthic communities.

Secretary-Treasurer:

Edwin Rhodes, Research Fisheries Biologist, National Marine Fisheries Service, Milford, Connecticut. B.S. (1965) Rensselaer Polytechnic Institute. NSA member since 1969. Secretary-Treasurer, 1987-88; Nomination Committee, 1981-82; NSA Historian, 1985-present; Nelson Award Committee, 1984-85. Research Interests: benthic recruitment, shellfish aquaculture.

1988-91 Member-at-Large:

Arnold Eversole, Professor of Fisheries Science, Department of Aquaculture, Fisheries and Wildlife, Clemson University, Clemson, South Carolina. B.S. (1963) Penn State University; M.S. (1969) Syracuse University; Ph.D. (1974) Syracuse University. NSA member since 1976. Nelson Award Committee. Research Interests: crustacean and molluscan aquaculture with emphasis on early life history and reproduction.

Thomas M. Soniat, Assistant Professor, University of New Orleans, New Orleans, Louisiana. Cand. Mag. (1975) University of Bergen, Bergen Norway; Ph.D. (1982) Texas A&M University. NSA member since 1980. Executive Committee Member-at-Large, 1982-85; Co-Chairman, Local Arrangements Committee, 1988 annual meeting. Research Interests: oyster parasitology and ecology, bivalve depuration.

Missing NSA Members

The following NSA members can't be located, and we will be forced to drop them from our roles if we can't find them soon. Please let Ed Rhodes know of their whereabouts if you have that information.

Alex P. Ma, 1906 22nd Ave. E., Seattle, WA 98112

W.E. Lorne Clayton, Pacific Aquafarms, Ltd., 755 Terminal Ave., Vancouver, B.C., Canada V6A 2M2

Barbara A. Fromm, P.O. Box 450, Issaquah, WA 98027

Raymond E. Grizzle, Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ 08903

Amy Edwards, University of Georgia, Athens, GA

Constitutional Revisions

At the executive committee meeting in Halifax, a number of changes to the NSA constitution and bylaws were suggested in order to have these documents more accurately reflect the organization's current status and goals. The NSA constitution and bylaws with these changes are included with this newsletter, along with a ballot on which you should indicate your approval or disapproval. Explanations of the significant changes follow.

- Article III, Section 2 — No longer does a member have to propose a new member.
- Article V, Section 2 — Added to conform to corporate law.
- Article V, Section 3 — Made more explicit.
- Article V, Section 5 — Cuts off election returns at a specific time.
- Article VI, Section 3 — The proposed budget idea is new and should help the executive committee stay aware of NSA expenses and revenue.
- Article VII, Section 1 — The bylaws are defined as a separate document, and can be modified by the executive committee.
- Article IX, Section 1 — New, self-explanatory.
- Bylaw II, Section 2 (c) — Increased fee.
- Bylaw IV, Sections 1 thru 5 — Duties of officers defined for the first time.
- Bylaw VI, Section 1 (d) — Election committee renamed, and duties expanded.
- Bylaw VI, Section 1 (h) — Name changes and membership defined.
- Bylaw VI, Section 1 (i,j) — New committees.
- Bylaw IX, Section 1 — Changes in bylaws become the responsibility of the executive committee.
- Bylaw IX, Section 2 — New; outlines procedure by which general membership can modify bylaws.
- Bylaw XI — This is all new, and self-explanatory.

N. Darlene Madenwald, West Washington University, Lindquist Marine Laboratory, Anacortes, WA

Jim Roberts, 851 Camino Pescadero, Goleta, CA

Paul Schwartz, Superior Fisheries of Alaska, Anchorage, AK

CONSTITUTION
of the
NATIONAL SHELLFISHERIES ASSOCIATION, INC.
(A Corporation Not for Profit)

AUGUST 9, 1987

ARTICLE I NAME AND ADDRESS

The organization shall be known as the *National Shellfisheries Association, Inc.*, hereinafter referred to as Association or NSA. The official permanent address of the NSA shall be:

National Shellfisheries Association, Inc.
National Marine Fisheries Service
Biological Laboratory
Oxford, MD 21654 USA

ARTICLE II OBJECTIVES AND PURPOSES

The National Shellfisheries Association is organized as a non-profit society.

The objectives and purposes of the Association shall be:

Section 1.

To encourage research on molluscs, crustaceans, and associated organisms with emphasis on species of economic importance known as "shellfish"

Section 2.

To gather and disseminate scientific and technical information on shellfish.

Section 3.

To promote and advance shellfisheries research and the application of results to the shellfisheries industry.

Section 4.

To hold annual meetings for presentation, exchange, and discussion of information on scientific and professional aspects of shellfish.

ARTICLE III MEMBERSHIP

Section 1.

Membership in the NSA shall be open to all individuals who actively support the objectives and purposes of the Association.

Section 2.

The Secretary-Treasurer will present candidates for membership by name for acceptance by the Executive Committee at any time. Names and addresses of new members shall be listed in newsletters, or as addenda to the membership list.

ARTICLE IV TERMS OF EXISTENCE

Section 1.

This corporation is to exist perpetually.

ARTICLE V OFFICERS

Section 1.

The officers of the Association shall be a President, a President-Elect, a Vice President, and a Secretary-Treasurer, elected to perform the usual duties of their respective offices.

Section 2.

The signing officers of the Association are the President, the President-Elect, and the Secretary-Treasurer.

Section 3.

All officers shall be elected for one year, or until the next regular annual meeting. The President-Elect shall, upon completion of his term, accede to the Presidency. Therefore, elections shall be for President-Elect, Vice President and Secretary-Treasurer. The President-Elect will be installed as President at the opening of New Business of each regular annual business meeting. No officer, except for the Secretary-Treasurer, can succeed him/herself.

Section 4.

Nominations for office shall be made by an Elections Committee appointed by the President. All persons nominated by this committee shall be members in good standing and eligible to hold office in the Society. The Elections Committee shall present the list of consenting nominees to the Secretary-Treasurer who shall prepare a mail ballot to be sent to the membership at least sixty (60) days prior to the annual meeting. The ballot shall permit write-in votes for each office. Ballots must be returned to the President-Elect before the annual meeting, and they shall be audited as the Executive Committee directs.

Section 5.

A majority of the votes received by the President-Elect seven (7) days prior to the Annual Meeting of the Association shall be necessary for the election of officers and the members of the Executive Committee. Elected officers other than the President-Elect take office at the end of each annual business meeting.

Section 6.

In the event that any officer other than the President-Elect resigns or otherwise leaves a position vacant, the Executive Committee shall, by a majority vote present at a properly constituted meeting at which business may be conducted, appoint a replacement to fill the remainder of the term. Any vacancy in the office of the President-Elect must be filled through membership ballot.

Section 7.

No elected officer may receive any compensation for services rendered. Certain travel expenses may be defrayed when authorized by the President with the concurrence of the Secretary-Treasurer. Clerical and other operation funds may be paid by the Secretary-Treasurer when so authorized by the President.

ARTICLE VI EXECUTIVE COMMITTEE

Section 1.

The Executive Committee shall consist of the elected officers, the immediate past-President, the Chairperson of the Pacific Coast Section, the Editor of the *Journal of Shellfish Research* (JSR), formerly known as the *Proceedings*, and three (3) persons elected by the Association to serve as Members-at-Large for a term of three (3) years or until their successors are elected. Each Member-at-Large shall not be eligible for reelection to the same office within a period of three (3) years after their term of office has expired.

Section 2.

The Executive Committee shall manage the business and the affairs of the Association, subject to the provisions of the Constitution and Bylaws. A quorum of the Executive Committee will consist of a majority of its members.

Section 3.

At each Executive Committee meeting prior to the Annual Meeting the President-Elect with coordination of the Secretary-Treasurer shall submit for Executive Committee approval a proposed budget for the ensuing year.

Section 4.

The Executive Committee shall approve budgets, approve appointments, present proposals, and describe other activities that may require discussion and approval by the membership. The Secretary-Treasurer, or a duly appointed member of the Association, shall keep minutes of Committee meetings and deposit copies with the Secretary-Treasurer. Minutes shall be open to members or sent to them.

ARTICLE VII BYLAWS

Section 1.

The structure and function of the National Shellfisheries Association within the context of the Constitution shall be described in the Bylaws. The Executive Committee of the Association may provide such Bylaws for the conduct of its business and the carrying out of its purpose as they may deem necessary from time to time. The Bylaws can be amended by a two-thirds (2/3) majority of the Executive Committee.

ARTICLE VIII AMENDMENTS

Section 1.

This Constitution, after adoption by a majority of the voting membership, shall supersede the existing Constitution and Bylaws.

Section 2.

The Constitution may be altered or amended on recommendation of the Executive Committee, by a majority vote, by a mail ballot, provided the membership shall receive written notice of such amendments at least sixty (60) days prior to the deadline for voting.

ARTICLE IX ACQUISITIONS

Section 1.

In order to promote the purposes of this corporation, it may acquire property by grant, gift, purchase, devise or bequest, and hold and dispose of such property as the Association shall require for the benefit of its members and not pecuniary profit.

ARTICLE X DISTRIBUTION OF ASSETS

Section 1.

In the event of dissolution, any assets of the National Shellfisheries Association shall be distributed to a non-profit fund, foundation or corporate organization operated exclusively for the purpose as specified in Section 501 (C) (3) of the United States Internal Revenue Code. The fund, foundation, or corporate organization to which the National Shellfisheries Association assets will be distributed shall be selected by the National Shellfisheries Association Executive Committee at its last meeting.

BYLAWS
of the
NATIONAL SHELLFISHERIES ASSOCIATION, INC.
(A Corporation Not for Profit)

AUGUST 9, 1987

BYLAW I NAME AND PURPOSE

Section 1.

The name of the organization shall be the National Shellfisheries Association, as described in the Constitution.

Section 2.

The purpose and activities of this Association shall be as described in the Constitution.

BYLAW II MEMBERSHIP AND DUES

Section 1.

Any individual or institution that qualifies for membership under the Constitution and Bylaws may become a member in good standing of the Association by having a genuine interest in the purpose of the Association, by paying the appropriate dues, and be adhering to the rules and regulations laid down in the various sections and subsections of the Constitution and Bylaws.

Section 2.

Dues, payable in U. S. 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.

(a)

Any member whose dues are in arrears for a period of more than one (1) year, and after two (2) written notices from the Secretary-Treasurer, shall be dropped from the membership within thirty (30) days after the second notice. The *Journal of Shellfish Research* shall not be distributed to members whose dues are unpaid for that year's publication.

(b)

All members, whose dues are not in arrears, shall receive the *Journal of Shellfish Research*.

(c)

Any person, firm, society, club or state or federal agency, on approval of the Executive Committee, and by payment of two hundred U. S. dollars (\$200.00) annually, may become a Patron of the Association. Patrons are entitled to six (6) copies of the *Journal of Shellfish Research*. Corporations, agencies and commercial companies may not use the membership in the Association as a substitute for their duties and obligations to the Shellfish Institute of North America.

(d)

Libraries and agencies not desiring to become Patrons may subscribe to the *Journal of Shellfish Research* and purchase copies for a subscription cost to be established by the Executive Committee.

(e)

Any person, upon the recommendation of the Executive Committee, may be made an Honored Life Member with all the privileges of a Member, by a majority vote of the Association and shall be exempt from payment of dues.

BYLAW III MEETINGS, VOTINGS

Section 1.

The annual meeting of the membership shall be held at the time and place set by the Executive Committee. The Secretary-Treasurer shall serve by mail a written notice thereof, not less than sixty (60) days previous to such meeting, to each member at his address as it appears on the records of the Association. There is no quorum requirement for the annual meeting.

Section 2.

In all matters of business on which the membership is entitled to vote, all members shall be eligible to cast one vote.

Section 3.

The annual meetings of the Association shall consist of a program of papers, discussions, symposia, demonstrations and other activities.

Section 4.

The business meeting shall include, but not be limited to the following:

- (a) Report of the President
- (b) Report of the Secretary-Treasurer
- (c) Reports of Committees (Audit-Budget-Finance, Membership, Resolutions, etc.)
- (d) Report of the Editor of the *Journal of Shellfish Research*.
- (e) Announcements of changes in editorship, editorial board, page charges, and page or budget limitations with respect to the *Journal of Shellfish Research*.
- (f) Old and new business
- (g) Installation of officers
- (h) Appointment of new committees and associate editors.

BYLAW IV DUTIES OF OFFICERS

Section 1.

The President is responsible for the conduct of business and the organization of the Association. He shall preside over all annual and special meetings, shall make such appointments as are authorized in the Bylaws, and shall exercise such other functions and responsibilities as may be determined from time to time by action of the Association or the Executive Committee of which he is chairman. The President is authorized to, from time to time, appoint *ad hoc* committees from the membership of the Association to perform various duties as in the discretion of the President may seem appropriate. The President shall also serve as *ex-officio* member of all committees.

Section 2.

The President-Elect shall, at the end of his term, accede to the Presidency. During his term as President-Elect, he shall perform the duties of the President in the absence of the President. He shall serve as chairman of the Site Selection Committee. The President-Elect shall appoint the members of the Arrangements Committee for the annual meeting for which he will serve as President.

Section 3.

The Vice President shall act in the capacity of President-Elect in his absence or, in the absence of both the President and the President-Elect, shall perform the duties of the President until a new President-Elect has been elected. He shall serve as chairman of the Program Committee and shall appoint other committee members.

Section 4.

The Secretary-Treasurer shall be responsible for maintaining or overseeing the maintenance of membership and mailing lists of the Association. He shall be responsible for distributing the minutes of Association meetings and meetings of the Executive Committee and for maintaining an updated record of policy and operational actions decided by both groups. He shall also ensure that documented accounts of all transactions are maintained, that accepted bookkeeping and accounting practices are followed and that the Association's financial resources are managed according to procedures adopted by the Executive Committee. The Treasurer shall, at the annual meeting, present a draft budget for the next fiscal year, and shall submit a detailed financial report audited in such a manner as shall be specified by the Executive Committee.

Section 5.

No officer of the Association or member of the Executive Committee shall be answerable for any act, receipt, neglect, or default of any other officer or Executive Committee member. No officer or Executive Committee member shall be liable individually or collectively for any judgement or for any act done or step taken or omitted under the advice of counsel, nor for any mistake of fact or law nor for anything which he may do or refrain from doing in good faith.

BYLAW V PUBLICATIONS

Section 1.

The Association shall publish semiannually the *Journal of Shellfish research* to include scientific and applied papers which satisfy the requirements of the Editorial Board. Papers may be submitted at any time. Accepted manuscript will be published in the earliest convenient *Journal of Shellfish Research*. Authors shall be notified of the current page charge for publication when a receipt of a manuscript is acknowledged. Rates shall be reviewed annually by the Editor and the Executive Committee, and they shall be publicized in newsletters.

Section 2.

Six (6) or more Associate Editors shall be selected by the Executive Committee for indeterminate periods to serve on the Editorial Board.

Section 3.

Special publications, symposia, and other reports may be issued as determined by the Association.

BYLAW VI STANDING COMMITTEES

Section 1.

The President, with the approval of the Executive Committee, shall appoint the following committees, of at least two (2) members each, to serve for a term of one (1) year unless otherwise specified, or at the discretion of the Executive Committee.

(a)

An Audit-Budget-Finance Committee to manage the financial affairs of the Association and to examine the financial report of the Secretary-Treasurer before its presentation to the Association for approval.

(b)

An Honored Life Membership Committee to review and nominate members who, by their exemplary service to the Association or to the profession, deserve recognition as Honored Life Members of the Association.

(c)

A Membership Committee to insure that all people actively interested in the objectives of the Association are invited to become members.

(d)

An Election Committee composed of the immediate Past-President, the current President, and the President-Elect, to submit a list of nominees for all offices, with a short vitae of each to the Executive Committee six (6) months prior to the annual meeting. Upon selection by the Executive Committee, the candidates will be presented to the membership by special mail ballot within sixty (60) days. The ballots will be returned to the President-Elect who will be responsible for collecting and collating the votes and reporting the results to the Executive Committee. The candidates will be notified of the election results at least two weeks prior to the annual meeting. The Executive Committee will validate the election at their annual meeting.

- (e) A Program Committee to arrange for programs at the annual meeting. This committee will be chaired and appointed by the Vice President.
- (f) A Publications Committee to manage the publishing affairs of the Association. The Editor of the *Journal of Shellfish Research* shall be a member of the Committee.
- (g) A Resolutions Committee to draft and recommend resolutions considered prudent and necessary for the promotion of the objectives and purposes of the Association.
- (h) A Site Selection Committee composed of the current President, the President-Elect, and the Vice President to select the location of the annual conference for the next conference for which a location has not been chosen. This committee will secure sites for meetings at least two years in advance.
- (i) An Arrangements Committee to organize and manage the arrangements necessary to conduct the next annual meeting of the Association.
- (j) A President's Committee consisting of all Past Presidents of the Association to assist the Executive Committee in broad policy matters and special issues. This committee shall be chaired by the immediate Past President.

BYLAW VII MEMBERSHIP LIST

Section 1.

The official membership list of the Association shall be distributed to all members as frequently as necessary at the discretion of the Executive Committee.

BYLAW VIII RESOLUTIONS

Section 1.

The Association may express opinions and recommendations by resolutions(s) or other appropriate actions(s), except on specific numbered bills of federal or state legislatures.

BYLAW IX AMENDMENTS

Section 1.

These Bylaws may be amended, altered or rescinded by a two-thirds (2/3) majority vote of those members of the Executive Committee present at any scheduled meeting of the Executive Committee for which proper notice has been given. The Secretary-Treasurer shall ensure that all such changes to the Bylaws are communicated to the membership at the earliest opportunity.

Section 2.

A petition for change in the Bylaws can be submitted to the Executive Committee by ten percent (10%) of the membership. The Executive Committee shall review the recommended changes and offer them, with recommendations, to the membership for majority vote.

BYLAW X REGIONAL SECTIONS OF THE ASSOCIATION

Section 1.

The Pacific Coast Section (PCS) of the Association is authorized to elect its own officers and hold meetings at times and places selected by its members. Local dues will be assessed. All members of the Association are invited to attend PCS meetings.

Section 2.

The purpose of the Pacific Coast Section shall be to further the aims and interests of the Association on the Pacific Coast. The PCS shall operate under a constitution and bylaws established by its members insofar as they are not inconsistent with the constitution and bylaws of the parent Association.

BYLAW XI MISCELLANEOUS

Section 1.

In all cases in this Constitution and Bylaws, the use of masculine gender is a matter of convenience and shall be interpreted and understood as applying equally to both sexes.

Section 2.

No member, committee chairman, Executive Committee member or Office of this Association shall use the seal, logo or name of the Association to endorse, condemn or express an evaluation of any product or service of any firm or individual.

Section 3.

No part of the financial resources of this Association may be used to defray the travel expense of any officer or member where the purpose of such travel is to influence or intervene in the internal legislation of any country.

THE NATIONAL SHELLFISHERIES ASSOCIATION WANTS YOU !!

The National Shellfisheries Association (NSA) is an international organization of scientists, management officials and members of industry that is deeply concerned and dedicated to the formulation of ideas and promotion of knowledge pertinent to the biology, ecology, production, economics and management of shellfish resources. The Association has a membership of more than 900 from all parts of the USA, Canada and 18 other nations; the Association strongly encourages graduate student's membership and participation.

WHAT DOES IT DO?

- Sponsors an annual scientific conference.
- Publishes the peer-reviewed *Journal of Shellfish Research*.
- Produces a Quarterly Newsletter.
- Interacts with other associations and industry.

WHAT CAN IT DO FOR YOU?

- You will meet kindred scientists, managers and industry officials at annual meetings.
- You will get peer review through presentation of papers at the annual meeting.
- If you are young, you will benefit from the experience of your elders.
- If you are an elder, you will be rejuvenated by the fresh ideas of youth.
- If you are a student, you will make most useful contacts for your job search.
- If you are a potential employer, you will meet promising young people.
- You will receive a scientific journal containing important research articles.
- You will receive a Quarterly Newsletter providing information on the Association and its activities, a book review section, information on other societies and their meetings, a job placement section, etc.

HOW TO JOIN

- Fill out and mail a copy of the application blank below. The dues are ONLY US \$18 per year (\$15 for students) and that includes the *Journal* and the Newsletter!

NATIONAL SHELLFISHERIES ASSOCIATION - APPLICATION FOR MEMBERSHIP (NEW MEMBERS ONLY)

Name: _____ For the calendar year: _____ Date: _____

Mailing address: _____

Institution affiliation, if any: _____

Shellfishery interests: _____

Regular or student membership: _____

Student members only - advisor's signature REQUIRED: _____

Make cheques (MUST be drawn on a US bank) or international postal money orders for \$18 (\$15 for students with advisor's signature) payable to the National Shellfisheries Association and send to Edwin Rhodes, National Marine Fisheries Service, 212 Rogers Avenue, Milford, CT 06460 USA.

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