

# National Shellfisheries Association

## QUARTERLY NEWSLETTER



Summer 1992 - Post-meeting

Lewes, Delaware

## 84th Annual NSA Meeting - Aquaculture '92

The 84th Annual NSA Meeting was held May 21-25, 1992 at the Marriott Orlando World Center as part of Aquaculture '92. The triennial meeting was jointly sponsored by the National Shellfisheries Association, The American Fisheries Society - Fish Culture Section and the World Aquaculture Society. The meeting drew over 1500 participants as well as 129 Exposition exhibitors. All in all the meeting was a great success and we extend our thanks to Vic Kennedy, NSA's representative to Aquaculture '92, for a job well done.

While we were unable to organize Ken Chew's traditional Chinese dinner (maybe next year Ken???) there was a plethora of sites and sounds from which to choose. NSA members were spotted playing volleyball in the pool, sampling the watering holes and dining establishments, and one particular NSA member who shall remain nameless (Hint: our only female President), became a familiar figure around the pool tables in the Marriott's Sports Bar. Those who ventured outside the Marriott had a difficult time choosing between the local theme parks (DisneyWorld, Epcot, MGM Studios) as well as which tourist shop... or should it be trap?...to patronize. Aquaculture '92 truly supported the Orlando economy.

There were many excellent student presentations this year which made the job of selecting the winner of the Thurlow C. Nelson award quite a difficult task. The Nelson Award Committee selected Maureen Krause as the recipient of the 1992 Thurlow C. Nelson Best Student Paper Award for her talk entitled "The effect of Gpi polymorphism on glycolytic flux and production-related traits in the bay scallop". Second runner-up was Rendi Murphree for her talk entitled "Retention of *Vibrio cholerae* O1 in *Crassostrea virginica* under conditions of controlled purification". Two third runners-up were selected this year: Jerome LaPeyre for his talk entitled "*In vitro* interaction of *Perkinsus marinus* with hemocytes from Eastern and Pacific oysters, *Crassostrea virginica* and *C. gigas*" and Megan Davis for her talk entitled "Comparison of survivorship between wild and hatchery-reared juvenile queen conch (*Strombus gigas* L.) from decapod predators". The winner for the Best Student Poster was Amita Kanti for her talk entitled "Gametogenic cycle of the southern surf clam *Spisula solidissima similis* from St. Catherine's Sound, Georgia". Congratulations to all T.C. Nelson Award winners!

1992 was a banner year for the Student Endowment Fund. At last estimate, the Fund had approximately \$4500 as of

June 1992, which is at least \$3000 more than was in the Fund in April 1992. The Recruits worked long and hard selling sweatshirts, mugs and lapel pins during Aquaculture '92 - watch out, we have some pretty sharp salespeople for student members.

Six students were awarded travel monies to help defray the cost of attendance at Aquaculture '92: Dave Bushek, Dan Kreeger and Rendi Murphree had their registration fees paid while Jerome LaPeyre, Derrick Toba and Don Velasquez were received lodging awards. Recipients were selected based upon the overall quality of their proposal, letters of recommendation and pertinence of their presentation topic. Congratulations to the Endowment Fund recipients and tip of the hat to the Endowment/Student Awards Committee (Vic Burrell, Diane Brousseau, John Manzi and Jon Grant).

### President's Message

I would like to thank the NSA membership for affording me the opportunity to serve the organization as President during the 1992-93 year. I hope to continue the tradition of strengthening the Association which has been carried on by former officers and members of NSA.

The 1993 meeting will be held in Portland, Oregon from May 30-June 4 and I urge you to make arrangements early for this meeting. We are planning a dynamic and multifaceted meeting, using the best ideas from the past to address contemporary and timely topics in shellfisheries science and management. If you have particular subjects you feel are of importance please contact Program Chair Tom Soniat or myself. We hope to hold the meeting simultaneously with a meeting of the Pacific Coast Oyster Growers Association who expect to attract a national contingent of shellfish growers. In addition, we may be able to attract a regional shellfish sanitation meeting in the same time frame. A number of topics have already been suggested including water quality issues, shellfish sanitation, tribal shellfisheries as well as the more traditional topics. I have also asked the Food and Agriculture Organization of the United Nations to allow and encourage scientists from developing countries to attend our meetings on project funds. Hopefully, we'll get a positive response on this issue.

(continued on page 2)

## President's Message (continued from page 1)

Some items I hope to move along (or continue) in the upcoming year are:

**NSA Directory of Expertise** In the last several years, particularly on projects outside of North America, I have had numerous requests for names of scientists and shellfish managers with expertise in various disciplines. These requests have come from aid agencies such as UNFAO, various governments, private aquaculture and fishery and environmental companies. In order to help fill these requests with appropriate and well qualified expertise, as well as provide opportunities for our members to apply their science and build collaborative relationships, a list of fields of expertise along with members names and addresses, in our directory, would be extremely useful. At this initial stage we are discussing the final form this listing should take. If things go well, you will receive an extra page in your next dues statement as a checklist of areas of expertise. Please take the time to fill in the form and return it.

**Membership** We have had a very effective membership committee with strong leadership. This effort will be continued so we can maintain our current membership and continue to build the NSA membership. This effort needs to include broadened geographic representation, and attraction of members in related disciplines.

**Pacific Coast Section** Each year we have an exciting and well attended meeting on the west coast. This meeting has continued to grow and now it seems appropriate to move this group along to a more organized section. Doing so should help NSA by ensuring that our west coast meeting participants are members of the national association - a benefit to the NSA and to the members.

Please call me if there is anything you feel needs to be addressed by the president of NSA this year.

Ralph Elston

## 1992 Annual Business Meeting

The Annual Business meeting and Awards Luncheon was held on Sunday, May 24. President Sandy Shumway applauded the first year efforts of the Recruits which greatly enhanced the balance in the Student Endowment Fund. Compilation of the NSA History is an on-going project for Scott Siddall and Mel Carriker and Sandy asked that NSA members delve into their files for material for the NSA archives, particularly minutes of the old meetings. The Executive Committee voted to increase NSA dues to \$40.00 per regular member and \$25.00 per student member. Dot Leonard and Mike Crosby have produced a new NSA membership brochure which is available to all members to take with them when they attend other meetings. Sandy reported that her latest venture, the NSA Cookbook, is on schedule - please be sure to contribute your favorite recipe using the form on page 11. A special thank you was extended to Scott Siddall for his diligent efforts towards bringing our computer set up and files up-to-date. Last but not least, Sandy mentioned that her next money-making venture for NSA would

be an Auction to be held at the 1993 meeting in Portland, Oregon. Details will be available in future issues of the Newsletter.

Treasurer Steve Tettelbach presented a summary of the Association's accounts and mentioned that NSA can now accept payment by Master Card or Visa. Audit-Budget-Finance Committee Chair George Abbe projected a net deficit for this year (see A-B-F report on page 4 for more details). The Site Selection Committee has chosen Charleston, SC for the 1994 NSA Annual Meeting but exact dates are not available as yet. Publications Committee Chair Mike Castagna reported that work is almost completed on the Index for the Proceedings of the National Shellfisheries Association and the *Journal of Shellfish Research* and will be available on computer disk. Resolutions Committee Chair Jeff Kassner put forth a resolution acknowledging Vic Kennedy for his efforts in organizing Aquaculture '92. Honored Life Member Awards, recognizing lifelong and distinguished contributions to the field of shellfisheries biology, were presented to Sammy Ray and Ruth Turner. Mel Carriker and Dan Quayle were presented with David H. Wallace Memorial Awards for their service in promoting interaction between shellfisheries scientists and industry. Congratulations to Sammy, Ruth, Mel and Dan!

President Shumway passed the gavel to President-Elect Elston who then announced his goals for the coming year (see President's Message for details). Newly-elected EXCOM officers are: John Kraeuter, President-Elect; Tom Soniat, Vice-President; Bruce Barber, Secretary; Steve Tettelbach, Treasurer; and Carter Newell, 1992-1995 Member-at-Large. John Ewart was appointed to fill Bruce Barber's 1990-1993 Member-at-Large term. Committee appointments for 1992-1993 are:

**Audit-Budget-Finance:** George Abbe (Chair) and Gary Wikfors

**Awards:** Neil Bourne (Chair), Vic Burrell, Ken Chew and Mel Carriker

**Arrangements:** Carolyn Friedman, Kristine Hodgeson, Carter Newell and Carla Norwood

**Resolutions:** Carter Newell (Chair)

**Membership:** Carolyn Friedman (Co-Chair), Joedy Gray (Co-Chair), Marie Castiglione, Rick Leard, Wendell Lorio, Andy Mount, Ben Nelson, Chris Nelson, Bill Rickards, John Supan, Tom Warren and Ami Wilbur

**Publications:** Mike Castagna (Chair), Sandy Shumway, Mel Carriker and Karolyn Mueller Hansen

**Endowment/Student Awards:** Susan Bower (Chair), Dianne Brousseau and Jon Grant

**Elections:** Sandy Shumway (Chair), Ralph Elston and John Kraeuter

**Presidents:** Sandy Shumway (Chair) and all living past-Presidents

**Program:** Tom Soniat (Chair)

**Site-Selection:** John Kraeuter (Chair), Ralph Elston and Tom Soniat

**Newsletter Editor:** Karolyn Mueller Hansen

**Directory of Expertise (Ad Hoc):** Scott Siddall and Steve Tettelbach

## Canadian Connection

At the recent National Shellfisheries Association Meeting in Orlando Florida, Dr. Dan Quayle was awarded the Associations David H. Wallace award. The following is an excerpt from the text read during the presentation by Dr. Neil Bourne.

"Dan Quayle was born in the United Kingdom in 1913, but emigrated to Canada in 1914 with his family to Ladysmith, British Columbia. His interest in the marine environment lead him to Vancouver for post-secondary schooling where he received his B.S. in Zoology in 1937 at the University of British Columbia (UBC). During this period, he worked as a summer student under the direction of the late Dr. C.R. Elsey and undoubtedly developed his lifelong interest in oysters during this period. Dan completed his M.A. degree in 1938 under the supervision of Dr. MacLean-Fraser at UBC with the study of the fauna on an island at the mouth of Ladysmith Harbour.

In 1938, he joined the staff of the Fisheries Research Board of Canada at the Pacific Biological Station in Nanaimo, BC. This was the beginning of his life-long association with this station. He assumed responsibility for the molluscan research program and began investigating the molluscan shellfish resources in the Province.

Dan's career in marine biology was interrupted in 1941 during World War II when he joined the Royal Canadian Air Force and became a navigator in a pathfinder squadron. He was shot down over Germany and became a prisoner of war for 1.5 years in Stalag Luft 3. When the war ended in 1945, he returned for a brief while to the Pacific Biological Station, assuming responsibility for research programs with molluscs. He left shortly after to undertake his Ph.D. at the University of Glasgow under the direction of the late Dr. C.M. Yonge, receiving his degree in 1948.

Dan then returned to British Columbia and went to work for the British Columbia Provincial Department of Fisheries as Director of Biological Services. During this time, he worked closely with industry. From 1956-1957, he was appointed Director of Fisheries for the Province of British Columbia.

In 1957, Dan went to the United States where he worked from 1957 to 1958 as a technical advisor to the Coast Oyster Company in South Bend, Washington and then as a technical advisor to a Chesapeake Bay Oyster Consortium in Virginia.

In 1958, Dan again returned to the Fisheries Research Board of Canada at the Pacific Biological Station where he continued his work studying the ecology of marine invertebrates until his retirement in March 1973. He also continued his work on shellfish and published a book, *Pacific Oyster Culture in British Columbia*, which became a standard text for oyster culture, particularly for the west coast of North America.

Following his retirement, Dan became a consultant for Canadian Overseas Aid organizations: Canadian International Development Agency (CIDA), International Development Research Centre (IDRC), and Canadian Executive Services Overseas (CESO). This work took him to developing countries throughout the world where he assisted in the development of shellfish culture industries. He also

taught courses on tropical oyster culture during this period at Dalhousie University.

Dan continued to be an active volunteer research worker at the Pacific Biological Station after his retirement and was in the laboratory almost daily. He continued his studies on marine invertebrates, especially shellfish, and served as a consultant to staff at the station. He undertook a major revision of his book, *Pacific Oyster Culture in British Columbia*, which was re-published in 1988. He has also recently completed a major work on wood borers in British Columbia.

Dan Quayle is an outstanding molluscan research scientist. Throughout his career, he has always had a great interest for industry and has always endeavored to work closely with it in order to improve and develop it. Much of the success of the British Columbia oyster industry is due to the efforts of Dan Quayle. Those endeavors were formally recognized by the University of Victoria which awarded Dan an honorary LLD degree in 1989 in recognition of his work in British Columbia and throughout the world."

Dr. Dan Quayle is indeed a worthy recipient of the National shellfisheries Association David H. Wallace award - well done, Dan!!!

## Recruits Corner

Aquaculture '92 marked a successful meeting for the NSA Recruits. Congratulations to the 1992 Thurlow C. Nelson award winner Maureen Krause. Rendi Murphree was 1st runner-up and Meghan Davis and Jerome LaPeyre tied for 2nd runner-up. Best student poster was awarded to Anita Kanti. Rendi Murphree, Dave Bushek and Dan Kreeger were recipients of travel awards from the Student Endowment Fund. A large number of people showed up for the student mixer, which was hosted in the President's Suite (with room to spare!), and offered a good opportunity to meet and talk with fellow students and NSA executive committee members.

There were a number of initiatives to raise money for the Student Endowment Fund: David Vaughn won the raffle for the 2 passes to DisneyWorld, Mike Moyer won the raffle for the Scallop Book (how many tickets did you buy Mike???), and Maureen Krause won a T-shirt for the most ticket sales. A record number of NSA mugs, sweatshirts and new pewter and gold lapel pins were sold, the proceeds of which all go towards the Fund.

The Recruits organizers for this year are once again Dave Bushek (Haskin Shellfish Research Lab, Box B-8, Port Norris, NJ 08348) and Jay Parsons (Biological Station, St. Andrews, NB Canada E0G 2X0) and three new volunteers, Marty Chintala (Haskin Shellfish Research Lab, Box B-8, Port Norris, NJ 08348), Mike Moyer (Dept. Marine Sciences, University of South Florida, 140 7th Avenue South, St. Petersburg, FL 33701) and Ami Wilbur (College of Marine Studies, University of Delaware, Lewes, DE 19958). Please be sure to pass along any ideas, suggestions and comments to any of the individuals listed above.

A general thanks goes out to all students for helping out at the NSA desk and at the student mixer and a final thanks to outgoing organizers Greg Shatkin and Maureen Krause. Well done!

Jay Parsons



## Audit-Budget-Finance Update

Total revenues for the 1990-91 fiscal year (October 1, 1990 to September 30, 1991) were \$71,727.96, and expenses totalled \$72,562.43 for a net loss of \$834.47. This follows a gain of \$4,559.85 during the 1989-90 fiscal year which included a very successful meeting in Williamsburg. Administrative revenues were \$20,645.45 and expenses were \$1218.94 for a net increase of \$19,426.51. Publication revenues totalled \$27,419.50 and expenses were \$52,042.39 for a net loss of \$24,622.89. Our meeting in Portland, Maine brought in revenues of \$23,663.01 and had associated expenses of \$19,301.10 for a net of \$4,361.91; this was apparently reduced further by some late hotel charges that were applied in the 1991-92 fiscal year. This gain was therefore much smaller than the nearly \$12,000 we experienced from Williamsburg. We ended the 1990-91 fiscal year with a balance of \$10,154.99, compared to \$10,989.46 at the end of the 1989-90 year. NSA remains in good financial position, although our reserves are smaller than we would like. Financial stability is due in large part to the increasing number of members who have supported NSA by prompt dues payment, by payment of JSR page charges, and by attending the annual meetings. With a gain from the Aquaculture '92 meeting in Orlando, Florida, and by careful management of the JSR, we should be able to increase our present balance by the end of the 1991-92 fiscal year.

The proposed budget for the 1992-93 fiscal year (to be published in Fall 1992 Newsletter), which begins 1 October 1992, projects a gain of \$18,490 in administrative costs, a loss of \$24,750 in publication costs, and a gain of \$4900 from the annual meeting in Portland, Oregon. If these revenues and expenses are realized it would decrease the Association's balance by \$1360, but steps are being taken to prevent a loss of this size.

A-B-F conducted a detailed review of the NSA books after Tom Soniat passed the job of Treasurer to Steve Tetelbach at the end of the 1990-91 fiscal year. This review differs considerably from a formal audit which is not required. The review is complete and we are presently unaware of any material modifications that should be made to the financial statements in order for them to be in conformity with generally accepted principles for non-profit organizations.

I would like to personally thank Gary Wikfors and Greg Tracey for their help with this committee during the past year.

George Abbe, Chairman  
Audit-Budget-Finance Committee

## Conferences/Symposia

*Food Safety - Who Is Responsible? An Animal Source Food Safety Workshop* September 9-11, 1992, Quality Hotel, Washington, DC (near Capitol Building). Co-sponsored by the Cooperative Extension Services of Indiana, Maryland, Texas, and Virginia to discuss food safety issues from the standpoint of everyone's responsibility, and what is needed to fulfill these obligations. Early registration \$140; after

August 1, 1992, \$170. For more information please contact: Richard Reynnells, Advisor, USDA/ES, Room 3334 South Ag. Building, Washington, DC 20250-0900. Phone: (202) 720-4087 or FAX (202) 720-4924.

*National Shellfisheries Association - Pacific Coast Section Annual Meeting* September 17-19, 1992, Hotel Newport, Newport, Oregon. Joint meeting with the Pacific Coast Oyster Growers Association. Abstract deadline: July 15, 1992. For more information please contact: Dr. Carolyn Friedman, Fish Disease Laboratory, California Department of Fish and Game, 2111 Nimbus Road, Rancho Cordova, CA 95670. Phone: (916) 355-0811.

*Ninth International Pectinid Workshop* Biennial meeting of people working with scallops will be held in Nanaimo, BC, Canada on April 22-27, 1993. International participation is encouraged. Symposia and contributed paper sessions dealing with fisheries biology, physiology, aquaculture, genetics, diseases, processing and marketing are planned. Abstract deadline: January 1, 1993. For more information please contact: Neil Bourne, Pacific Biological Station, Nanaimo, BC, Canada, V9R 5K6. Phone: (604) 756-7037 or FAX (604) 756-7053.

*Call for Papers: Environmental Information Management and Analysis: Ecosystem to Global Scales* May 20-22, 1993, Albuquerque, New Mexico USA. International symposium sponsored by the National Science Foundation which will focus on four themes: 1. Ecosystem, Regional, Continental, and Global Scale Research; 2. Scientific Databases for Long-term and Broad-scale Research; 3. Analytical Approaches for Addressing Questions at Ecosystem to Global Scales; and, 4. Development, Management, and Analysis of Databases Designed to Address Ecosystem, Regional, Continental, and Global Environmental Issues. Titles and abstracts due August 21, 1992. For more information please contact: William Michener, Baruch Institute, University of South Carolina, Columbia, SC 29208 USA. Phone (803) 777-3926 or FAX (803) 777-3935. Internet: [wmichener@Iternet.washington.edu](mailto:wmichener@Iternet.washington.edu) BITNET: [wmichener@Iternet](mailto:wmichener@Iternet)

## Opportunities

*Research in Japan* NSA member John Scarpa writes to tell us about an NSF program designed to sponsor graduate students, post-docs and researchers to conduct research in Japan. John is currently at the National Research Institute of Aquaculture in Nansei, Mie, Japan. If you are interested in pursuing research opportunities in Japan, please contact: Japan Program, Room 1214, Division of International Programs, National Science Foundation, Washington, DC 20550 USA FAX (202) 357-5839.

## Quarterly Newsletter Deadlines

Deadlines for submission of contributions for the NSA Quarterly Newsletter are September 1, 1992 (Fall/Call for Papers issue), December 1, 1992 (Winter/Ballot issue) and February 20, 1993 (Spring/Program issue)

**BYLAWS**  
**of the**  
**NATIONAL SHELLFISHERIES ASSOCIATION, INC.**  
**(A Corporation Not for Profit)**  
**June 23, 1991**

**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 purposes 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 Executive Committee present at the annual 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, shall be dropped from the membership within thirty (30) days after the second notice.

(b) The Journal of Shellfish Research shall not be distributed to members who have been dropped for non-payment of dues.

(c) Any person, firm, society, club, or state or federal agency, on approval of the Executive Committee and by payment of a sum to be established annually by the Executive Committee, 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 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 Awards Committee, may be made an Honorary Member with all the privileges of a Member, by a simple majority vote of the Executive Committee contacted by telephone or mail before the Association annual meeting, 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 shall serve by mail a written notice thereof, not less than sixty (60) calendar days prior to such meeting, to each member at their address as it appears on the records of the Association. The newsletter may serve as the written notice. 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) Reports of the Secretary and 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

## **BYLAWS (con't)**

### **BYLAW IV DUTIES OF OFFICERS**

#### Section 1

The President is responsible for the conduct of business and the organization of the Association. This individual 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 she or he is chair. 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 the term, accede to the Presidency. During this term as President-Elect, he or she shall perform the duties of the President in the absence of the President. The President-Elect shall serve as chair of the Site Selection Committee and appoint the members of the Arrangements Committee for the annual meeting at which she or he will serve as President.

#### Section 3

The Vice President shall act in the capacity of President-Elect in the former's 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. The Vice President shall serve as chair of the Program Committee and shall appoint other committee members.

#### Section 4

The Secretary shall be responsible for distributing ballots and the minutes of Association meetings and meetings of the Executive Committee, for maintaining an updated record of policy and operational actions decided by both groups, for maintaining contact with institutional subscribers of the journal, and for preparing the annual report for the Executive Committee meeting.

#### Section 5

The Treasurer shall be responsible for maintaining or overseeing the maintenance of membership and mailing lists. The Treasurer shall 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 6

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 they 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 satisfy the requirements of the Editorial Board. Papers may be submitted at any time. Accepted manuscripts 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 including Life Membership rates shall be reviewed annually by the Publications Committee and the Editor. The Executive Committee shall vote to approve or disapprove these rates and the rates shall be published in the Newsletter.

#### Section 2

The Editor and six (6) or more Associate Editors shall be nominated by the Publications Committee and selected by the Executive Committee for determinate periods to serve on the Editorial Board.

#### Section 3

Special publications, symposia, and other reports may be issued as determined by vote of the Executive Committee.

### **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 Treasurer before its presentation to the Association for approval.

## **BYLAWS (con't)**

- (b) An Awards Committee to review and nominate members who, by their exemplary service to the Association or to the profession, deserve recognition as Honorary Member of the Association. These nominations are to be presented to the Executive Committee prior to the annual meeting. The Committee shall also review and nominate individuals for the Wallace Award, which will be awarded by simple majority vote of the Executive Committee before the annual meeting.

The Awards Committee is responsible for preparing a nomination package. The nomination package shall consist, at a minimum, of:

1. The identity of the nominee
2. A written biography suitable for publishing in the society journal.

If the Executive Committee agrees to the selection, the Awards Committee shall be:

1. In charge of the presentation ceremony
2. In charge of, with consultation of the Treasurer, obtaining a suitable plaque or award for the awardee
3. In charge of ensuring that the biography is published in the society journal.

For the Wallace Award the Awards Committee should select individuals whose actions most demonstrate the principles and actions concerned with programs in shellfisheries, aquaculture, and conservation as exemplified by Mr. David Wallace during his lifetime in promoting understanding, knowledge, and cooperation among industry members, the academic community, and all levels of government (states, national, and international), and who has had outstanding success in bringing together shellfish scientists and industry officials for the benefit of shellfisheries. The award is not linked to NSA membership.

The Committee is responsible for preparing a nomination package. The nomination package shall consist, at a minimum, of:

1. The identity of the nominee
2. A written statement concerning the general contributions of the individual

If the Executive Committee agrees to the selection, the subcommittee shall be:

1. In charge of the presentation ceremony
2. In charge of, with consultation of the Treasurer, obtaining a suitable plaque or award for the awardee
3. In charge of preparing and submitting the award statement to the society newsletter for publication

- (c) A Membership Committee to ensure 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 and members-at-large whose terms are expiring, 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) calendar days prior to the annual meeting. 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 one week prior to the annual meeting. The Executive Committee will validate the election at their annual meeting.
- (e) A Publications Committee to manage the publishing affairs of the Association. The Treasurer and/or the Journal Business Manager and the Editor of the Journal of Shellfish Research shall be a member of the Committee.
- (f) A Resolutions Committee to draft and recommend resolutions considered prudent and necessary for the promotion of the objectives and purposes of the Association.
- (g) 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.

## **Section 2**

The President-Elect, 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 Arrangements Committee to arrange for programs at the annual meeting for which the President-Elect will serve as President. This committee will be chaired by the President-Elect.
- (b) A Site Selection Committee composed of the current President, the President-Elect, the Vice President, and one or more other members selected by the President, if desirable, to select the location of the annual conference for the next conference for which a location has not been chosen. The President-Elect will serve as chair and will appoint an on-site Registration Coordinator to schedule and perform registration duties (in conjunction with the Treasurer) during the annual meeting at which the President-Elect will take office. Normally this committee will secure sites for meetings at least two years in advance.

## **BYLAWS (con't)**

- (c) An Endowment Committee to examine student abstracts and applications for support to present papers at the next Annual Meeting. The committee will include the Treasurer who will report on the availability of funds. The committee will make recommendations to the Executive Committee for the awards. The committee will also be responsible for organizing the review of all qualified student presentations for the Thurlow C. Nelson Award at the annual meeting.

### **Section 3**

The Vice 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) A Program Committee to arrange for programs at the upcoming annual meeting. This committee will be chaired by the Vice President.

### **Section 4**

All Standing Committees will conduct business based on voting by a simple majority of the members present at their meetings.

## **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 resolution(s) or other appropriate action(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 shall ensure that all such changes to the Bylaws are communicated to the membership at the earliest opportunity. Changes to the Bylaws may be made by teleconference provided a duly constituted meeting has been called and appropriate notification has been given to all members of the Executive Committee.

### **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**

No member, committee chair, 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 2**

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.



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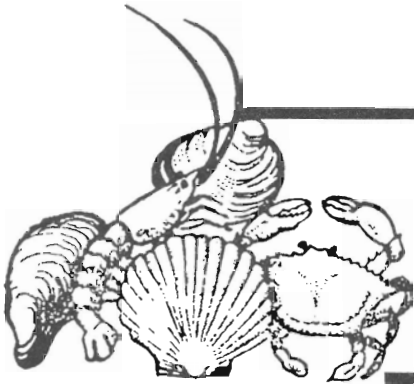
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# National Shellfisheries Association COOKBOOK

## **SEND US YOUR FAVORITE RECIPES**

*All shellfish group will be included. Books will be available at annual meeting in Portland Oregon. May 29—June 4, 1993. to benefit Student Endowment Fund.*

*Recipes from the Kitchen of: \_\_\_\_\_*

*Important: please return this recipe form not later than February, 1993*

**Abbreviations to use:**

tsp. - teaspoon

pt. - pint

oz. - ounce

qt. - quart

lb. - pound

tbsp. - tablespoon

lg. - large

sm. - small

c. - cup

pkg. - package

Shellfish group: \_\_\_\_\_

Name of recipe: \_\_\_\_\_

**Ingredients**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Directions**

_____
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_____

Shellfish group: \_\_\_\_\_

Name of recipe: \_\_\_\_\_

**Ingredients**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

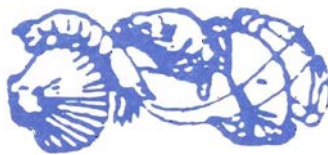
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_____
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