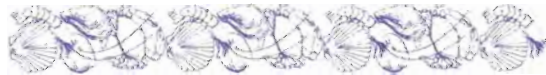


National Shellfisheries Association

QUARTERLY NEWSLETTER

AUGUST 2002 - SUMMER ISSUE



WALDOBORO, MAINE

President's Message

As summer winds down, please make your plans now to attend NSA 2003 to be held in New Orleans, the city of superb music and food. Planning for our 95th annual gathering is in full swing, and I encourage anyone with program and session ideas to contact Lou D'Abramo (VP and Program Chair) as soon as possible. This will be your last opportunity since the Call for Papers will be issued in the next (Fall) issue of the NSA newsletter. Tom Soniat (Chair, Arrangements Committee) is handling the meeting venue and is doing a fabulous job of organizing special activities that are sure to be a hit with the NSA crowd. Check out Lou and Tom's meeting summary elsewhere in this issue.

Also in this issue, please find an application information for the Carriker and Castagna student research awards, a report from the Student Recruits, a solicitation for nominations for the Honored Life Member and Wallace awards, a report from the Pacific Coast Section, an article reflecting on the life of Hal Haskin, our annual publication of the NSA Constitution and Bylaws, and much more. Whew!

Lastly, I'm very happy to pass on some good news regarding publication costs for the *Journal of Shellfish Research*. As you may know, it's very expensive to produce such a fine product for our membership and subscribers, and JSR production costs are our greatest annual expense. In late June, Sandy Shumway, Evan Ward and I met in Groton CT with our publisher of the past 15+ years, Sheridan Press. As Sandy Shumway reports elsewhere in this issue, we worked together to adopt new cost-cutting strategies, in part resulting from savings realized from new production and electronic technologies. The bottom line is that we expect to see a 7% decrease in JSR production costs, which should reduce annual expenditures in this cost center by nearly \$10,000! This development will augment the positive fiscal turnaround that NSA is experiencing and help ensure a healthy future for our society.

As always, if you have any suggestions or comments about how we can make NSA work more for you, please contact

me or any member listed on the last page of this newsletter. And oh yes, please try to recruit at least one new NSA member this year!

Dan Kreeger
President

Don't Even Think About Missing the 2003 Annual Meeting in New Orleans!!!

Whether or not you have been to "The Crescent City", aka "The Big Easy", aka New Orleans, you cannot pass up the opportunity to be there for the 2003 Annual Meeting. From April 13th through 17th, 2003 New Orleans will be the site for all NSA members to meet and sample the distinct food, music, and other festivities that make New Orleans a famous city around the world. It is a great time of the year to be in New Orleans. The meeting will be held at the Downtown Doubletree, within walking distance of the French Quarter, the Riverwalk, casinos, the Warehouse Arts District and the Audubon Aquarium. Planned events during the meeting include a return performance of Cajun

Continued on page 2.

In this issue:

- ***NSA 2003 Meeting Update***
- ***Memories of Hal Haskin***
- ***Pacific Coast Section Report***
- ***The Recruits***
- ***Constitution and Bylaws***
- ***and much more!***

New Orleans Meeting continued from page 1

musician Bruce Daigrepoint, "Up the River" and "Down the Bayou" excursions, Ken Chew's famous Chinese Dinner, Sandy Shumway's bodacious auction, and the opening of "A History of the Louisiana Oyster Industry" at the Historic New Orleans Collection in the French Quarter. And, oh yes, don't forget the science. The scientific program should rival the planned events and the atmosphere of the city. Right now the list of special sessions that are in various stages of planning include:

- Integrated approach to bivalve domestication: genetic, nutrition, physiology, disease resistance and environmental effects
- Post-harvesting processing of oysters
- Oyster cultivation in the Gulf of Mexico
- Freshwater Pearls: Conservation and commerce of native mussels in the southeastern U.S.
- The effect of habitat alteration on shellfish populations/communities
- Potential benefits and risks of shellfish stock enhancements
- Biology, fisheries, and culture of the blue crab *Callinectes sapidus*
- Hard clam aquaculture

If you have any other ideas for special sessions or input that would assist in improving the format of the program, please contact Lou D'Abramo by E-mail Ldabramo@cfr.msstate.edu or by telephone at 662-325-7492. The call for abstracts and appropriate forms for oral and poster presentations will be included in the fall issue of the newsletter.

Tom Soniat, Chairman, Local Arrangements Committee
Lou D'Abramo, Chairman, Program Committee

AUCTION

CHECK OUT THOSE SUMMER YARD SALES, it's never too early to start collecting auction items. Send your materials to Sandy or plan to bring them to the meeting. As you know, nothing is off limits and we can sell just about anything! If you plan to bring materials with you, please let Sandy know what you are bringing. It makes it easier for the Treasurer the night of the auction if the inventory list is already started.



Request for Ideas/Input for NSA 2003 Meeting

With the conclusion of the NSA 2002 annual meeting in Mystic Connecticut, comes the need to begin planning the program for the NSA 2003 annual meeting in New Orleans. A successful program is always dependent upon insightful input and active participation of the NSA membership. During the next few weeks, I ask members to take some time to contact me about special sessions and related activities that they would like to see as part of the program at the next meeting in New Orleans. In addition, your ideas and suggestions about how the overall program might be enhanced/improved (i.e. call for papers, abstract format, publication of program and abstracts, etc.) are welcomed. In particular, I would like to hear about ideas for special sessions that are timely and/or appropriate to the southeastern United States. If you are interested in serving as an organizer and chair of a special session, please send me your proposed topic so that plans for possible implementation can be discussed. Contact me by E-mail at Ldabramo@cfr.msstate.edu or call me at 662-325-7492. Be a part of New Orleans 2003 program!

Lou D'Abramo, Chairman
Program Committee, New Orleans 2003

New NSA Student Grant

At the NSA 2002 Annual Meeting in Mystic Connecticut, the Executive Committee approved the initiation of a new annual student research grant in honor of Michael Castagna. The Michael Castagna Student Grant for Applied Research will be a competitive grant that will be awarded annually to recognize a student's excellence in applied research in the area of shellfisheries. The grant honours the contribution of Mike Castagna to the NSA over the last 50 years including serving as Chair of the Publications Committee for over 16 years and recognises his contribution to teaching, research and extension services.

The award will be a competitive grant program to which NSA student members can apply for a \$1000 grant for non-travel related expenses associated with undertaking their Master's thesis or Ph.D. dissertation research. Details on applying for the first grant (2002) are enclosed in this NSA Newsletter.

G. Jay Parsons
Immediate Past President

Aquaculture '04 Honolulu, Hawaii March 1-5, 2004

Plans are moving ahead for Hawaii and we are very pleased to announce that Dr. Jane Lubchenco (University of Oregon) has agreed to be the Plenary Speaker. Jane is a former Pew Fellow in Conservation and the Environment, MacArthur Fellow, recent recipient of a Heinz Award, and member of the National Academy of Sciences. She is engaged in a broad spectrum of activities designed to advance the frontiers of environmental sciences and two of her current research interests are marine conservation biology and sustainable ecological systems including aquaculture. A full day of activities is planned around this presentation, don't miss it.

Organizers for special sessions are needed. What does this entail? First, decide upon a shellfish related topic that you would like to see as a focus point for the meeting. You will then be responsible for recruiting speakers for that session, making sure that they submit their abstracts on time (this is always a fun part of the job) and chairing or delegating someone else to chair the session in Hawaii. It's always nice to have sponsored sessions, i.e. covered by grant monies, agency funds, etc. This would allow you to publish the results of your session as a special section of JSR or even pay for travel and meeting expenses of some of your invited speakers. No other funds are available for this purpose. It takes time to make these arrangements and to apply for funding so you should all start thinking about this NOW! Funding is not necessary for a special session and we really need to have a much stronger shellfish component at this meeting than we've had in the past. I have to get a listing of topics together by October for the first advertising fliers so please contact me with your ideas and plans soon. Even if you don't want to organize a session but have an idea, send it along and I'll see about finding a coordinator.

Aloha, Sandy

The Recruits

The social committee is currently seeking input for activities during the 2003 meeting in New Orleans! We are hoping for a welcoming breakfast, a pizza lunch and (at least one) night on the town. So if you know The Big Easy, we want to hear from you! Email me at mmmlyons@hotmail.com with suggestions for places to go. Note that there are now TWO student awards: the Carriker Award and the Castagna Award. Watch for the details and deadlines. Also, start planning for the triennial meeting in Honolulu in 2004. Lots of provisions are being made for us in order to maximize student attendance. Watch the newsletter for opportunities for rooms

(Sandy Shumway recently finagled yet another student room – Thanks Sandy!) and to earn extra cash by helping with the AV equipment. The Shellfish Cookbook is now in its 3rd printing and available for purchase (see the order form). At only \$10.00 (plus S&H) it makes a great Christmas gift. And remember, all proceeds go our Student Endowment Fund so buy! buy! buy! Finally, start thinking about items for the auction (whose got those big red shoes??). More items mean more money for the Student Endowment Fund so start bug-ging your advisors. See you in New Orleans!

Maille Lyons

Nominations for Honored Life Member and David A. Wallace Award

The Awards Committee is now accepting nominations for NSA Honored Life Member and for the David A. Wallace Award. Nominations should include a 100 to 200 word description of the nominee's achievements that will allow the Committee to evaluate the suitability of the nominee for an award. The person proposing a candidate will also work with the Awards Committee to provide a description of the candidate's accomplishments that will be published in the *NSA Journal of Shellfish Research* and the *NSA Quarterly Newsletter*.

Honored Life Member Award

Nominees must be NSA members who, by their exemplary service to the Association or to the profession, deserve recognition as Honored Life Members of the Association. In general, nominees should be highly respected individuals who have made substantial contributions to shellfisheries science, education, or the industry.

David A. Wallace Award

Nominees should be 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. These principles and actions should include promoting understanding, knowledge, and cooperation among industry members, the academic community, and all levels of government (states, national, and international); and outstanding success in bringing together shellfish scientists and industry officials for the benefit of shellfisheries. The award is not linked to NSA membership.

The deadline for nominations will be December 15, 2002. Nominations should be sent to Jay Parsons at the address listed on the back page.

The National Shellfisheries Association Constitution and Bylaws appear on the following pages. Date of most recent Executive Committee approval appears just below the title. The Constitution and Bylaws were last printed in the Summer 2001 issue of the National Shellfisheries Association Quarterly Newsletter.

**CONSTITUTION
of the
NATIONAL SHELLFISHERIES ASSOCIATION, INC.
(A Corporation Not for Profit)
Approved November 13, 1990**

ARTICLE I. NAME AND ADDRESS

The organization shall be known as the National Shellfisheries Association, Inc., hereinafter referred to as the Association or NSA.

The official permanent address of the NSA shall be:

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

ARTICLE II. OBJECTIVES AND PURPOSES

The National Shellfisheries Association is organized as a non-profit society. The objectives and the 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 shellfish industry.

Section 4. To hold annual meetings for presentation, exchange, and discussion of information on scientific and professional aspects of shellfish research and management.

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.

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, a Secretary, and a Treasurer, elected to perform to usual duties of their respective offices.

Section 2. The signing officers of the Association are the President, the President-Elect, and the Treasurer or their appointees.

Section 3. All officers shall be elected for one year, or until the next regular annual meeting. The President-Elect shall, upon completion of the term, accede to the Presidency. Therefore, elections shall be for President-Elect, Vice President, Secretary and Treasurer. The President Elect will be installed as President at the opening of New Business of each regular annual business meeting. No officers, except for the Secretary and Treasurer, may succeed themselves.

Section 4. Nomination 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 Association. The Elections Committee shall present the list of consenting nominees to the Secretary, who shall prepare a mail ballot to be sent to the membership at least sixty (60) calendar days prior to the annual meeting. The ballot shall permit write-in votes for each office. Ballots must be returned to the President Elect fourteen (14) calendar days before the annual meeting, and they shall be counted as the Executive Committee directs.

Section 5. A simple majority of the votes received by the President-Elect fourteen (14) 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 simple majority vote of committee members 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 Treasurer. Clerical and other operational funds may be paid by the 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 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 re-election 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 By-Laws. A quorum of the Executive Committee consists of a simple majority of its members. A properly constituted meeting of the committee is any meeting in which all of the members have been notified in advance and of which a simple majority of all members have agreed to the meeting. All decisions of the Executive Committee shall be by a simple majority vote of the quorum.

Section 3. At each Executive Committee meeting prior to the annual meeting the President-Elect with coordination of the Treasurer shall submit for Executive Committee approval a proposed budget for the ensuing calendar 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 or a duly appointed member of the Association shall keep minutes of Committee meetings and deposit copies with the Secretary. 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. The Constitution, after adoption by a 2/3 majority of the voting membership, shall supersede all existing Constitutions and Bylaws, and will take effect immediately.

Section 2. The Constitution may be altered or amended on recommendation of the Executive Committee, by a 2/3 majority of the voting membership, by a mail ballot, provided the membership shall receive written notice of such amendments at least sixty (60) calendar days prior to the deadline for voting. Ballots shall be collected and counted by the Secretary and validated by the President within twenty (20) calendar days after the voting deadline.

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)
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 by 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.

BYLAWS 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, Resolution, 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. 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 meeting 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 or 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 which 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.

(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), an 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.

(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.

Visit the NSA Web Site for the latest updates

<http://www.shellfish.org>

Harold H. Haskin 1915 - 2002

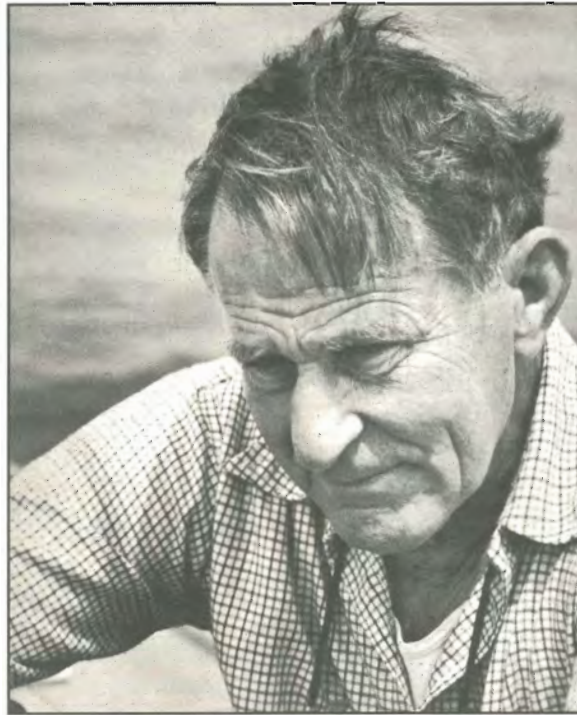
Hal "Doc" Haskin died on June 23 at his cottage on Delaware Bay, near Cape May. He had lived 87 years, most of it devoted to research and teaching on marine molluscs and helping to initiate research in two fields that occupy the attention of many National Shellfisheries Association members today: disease and genetics.

Hal was born Harold Haley in Niagra Falls, NY, but was orphaned at the age of three in the 1918 flu pandemic. His older brother and younger sister were quickly adopted, but Hal, who had somewhat of a wild disposition, was slated for an orphanage. Fortunately, a family friend, Frederick Haskin, adopted the child and moved with him to southern New Jersey where they lodged with a farm family while Fred Haskin worked at the nearby Dupont Corporation. Hal flourished in this new environment and became a serious student. As an undergraduate at Rutgers, he came under the wing of zoology professor Thurlow C. Nelson (for whom the T. C. Nelson Award is named). T.C. was also director of the Oyster Investigation Laboratory, which had been founded in 1888 by his father, Julius Nelson, the first biologist of the New Jersey Agricultural Experiment Station. Julius, in turn, had received his Ph.D. at Johns Hopkins University studying with William K. Brooks - a noted biologist with a special interest in oysters.

Under T.C.'s supervision, Hal spent the summer between his sophomore and junior years alone on the laboratory houseboat "Cynthia" studying the effect of salinity on the activity of the predatory oyster drill *Urosalpinx cinerea*. The Cynthia was anchored in Cedar Creek, a tributary of Barnegat Bay. Hal rowed from there to sites along the salinity gradient in the creek to check cages, in which he had experimentally placed drills and oysters. During this study, he described for the first time the preferential attraction of drills to juvenile oysters. Once a week he rowed to the nearest store for supplies. He often remarked that he was in the best shape of his life that summer - a statement later doubted by many of his students as they struggled to keep up with the physically demanding activities that engaged him throughout most of the rest of his life.

From Rutgers, Hal headed to Harvard for a Ph.D.. There he studied under Alfred C. Redfield and developed some of the

first methods for determining chlorophyll concentrations spectrophotometrically - the precursors to the commonly used "Strickland and Parsons" methods. It was at Harvard that Hal met his future wife, Peg, with whom he celebrated a 50th wedding anniversary earlier this year. Hal's academic career was put on hold when he joined the army just before the outbreak of World War II. After discharge with the rank of major in 1946, Hal returned to the Rutgers's Zoology Department as an assistant professor. He taught mainly undergraduate courses - general biology, limnology, animal physiology, and invertebrate zoology at the start, but then developed graduate courses in coastal oceanography, estuarine ecology, and malacology. These three courses - all taught on Saturdays over a period of about 30 years - were taken by hundreds of students, many of them who held fulltime jobs during the week. The classes were real "tours de force", lasting from 8 am to early evening and often much longer if a field trip were involved.



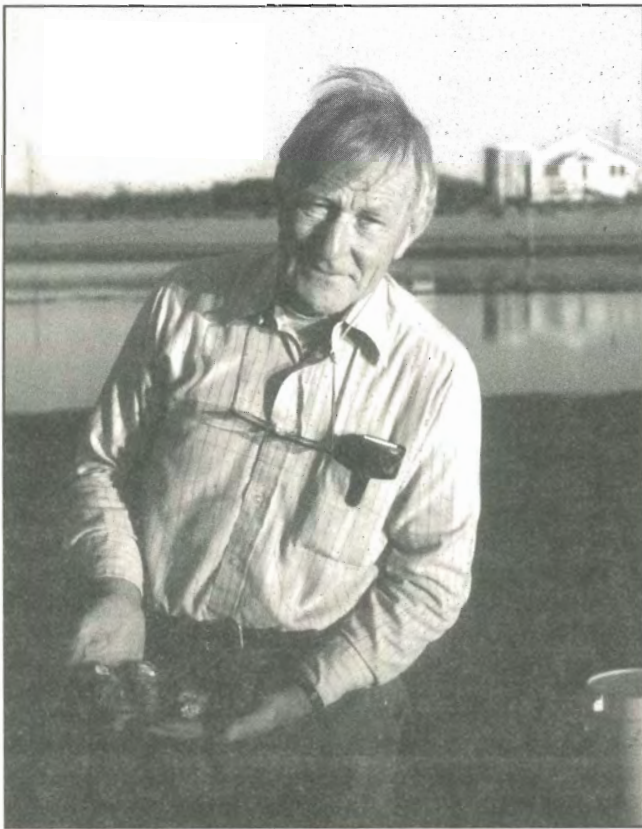
Molluscs continued to play the dominant role in Hal's research. A project examining culture and growth characteristics of hard clams in various environments occupied his first few years at Rutgers, but oysters once again commanded his attention after he spent two years at the Oyster Investigation Laboratory at Bivalve in the early 1950s. The oyster beds were in trouble after years of overharvesting and poor setting. Hal instituted a long-term program to document the condition of the beds, and to determine the factors

that influenced the abundance of oysters on them. He used the data to advise the resource managers. Later, he became a leader in oyster disease research after the MSX (*Haplosporidium nelsoni*) epizootic began devastating oyster populations in the late 1950s. By the early 1960s, he had begun to selectively breed the survivors in a program that has produced strains highly resistant to MSX disease and that has now evolved into a project to breed resistance to the Dermo disease parasite, *Perkinsus marinus*, into the strains. Most of Hal's research involved support to the shellfish industry. He was as comfortable chatting with oystermen as he was with one of his academic colleagues. Despite his desire to see a practical outcome to his research, he always insisted that there should be no divide between basic and applied research because a fundamental understanding of scientific principles was essential to any applied project.

Continued on page 10

Hal Haskin continued from page 9.

Having grown up during the Depression, Hal was a great believer in making do with very little. He said that he preferred spending research funds on people rather than equipment - a practice that didn't always lead to efficiency. While this caused some grumbling among his students and technicians, Hal never asked anyone to do anything that he wouldn't - and didn't - do himself. Learning how to repair pumps, do salinity and oxygen titrations, and to tar the trays in which the selectively bred oysters were maintained was par for the course. Hal was a stoic, too. He was extremely prone to seasickness, yet his courses as well as his research involved days aboard boats. When the sea became rough, Hal would



"Doc" Haskin in his element...

clamp his jaws and look very determined, then turn green, then disappear to the back of the boat where he could be seen hanging over the side. He'd return shortly and go right back to work as if nothing had happened. Despite the almost certainty that he would become sick, he never turned down an opportunity to go out on the bay or the ocean, particularly if the trip were to collect clams or oysters. In fact, Hal loved sailing and kept a 17 ft Thistle anchored in front of his summer cottage. A special treat for the students working just down the beach at the Cape Shore Laboratory was an invitation for an evening sail as the sun was setting.

Working with Hal was sometimes frustrating, often exhausting, but always rewarding. He instilled in those around him a sense that what they were doing was extremely important and highly valued. Those of us who studied with him have another memory of working with him - it was fun.

Susan Ford
Haskin Shellfish Research Laboratory
August 1, 2002

Pacific Coast Section Report

The annual meeting of the Pacific Coast Section of the National Shellfisheries Association was held September 20-22, 2001 in Silverdale, Washington. As always, the meeting was held in conjunction with the Pacific Coast Shellfish Growers Association. There were 39 presentations, and theme sessions included Invasive Species, Oil Spills and Shellfish Farms, Applied Genetics in Shellfish, Shellfish Production and Growth, Estuarine Ecology and Shellfish Restoration Initiatives, Environmental Effects of Shellfish Aquaculture, Use of High Hydrostatic Pressure in Oysters, Oyster Consumer Trends and Marketing Strategies, and Marketing Shellfish: Trends, Tips and Funding.

Seven student presentations were made, an increase from 4 in 2000. The NSA-PCS presented their Best Student Paper Award to Hakan Calik for his paper "Effects of high pressure processing on *Vibrio parahaemolyticus* strains in pure culture and Pacific oysters", co-written with Michael Morrissey, Paul Reno and Haejung An. The PCSGA presented their Best Student Paper Applied to Aquaculture Award to Robin Estes for her paper "Characterisation of pathogenic and non-pathogenic bacteria associated with bivalve larvae and shellfish hatcheries", co-written with Russell Herwig and Ralph Elston. The runner-up was Elyse Cronin for her paper "Age determination in geoduck clams (*Panopea abrupta*) utilizing pattern in shell annuli", co-written with Brent Vadopalas.

Increasing student interest and participation in the NSA continues to be a major focus for the Pacific Coast Section. Factors identified as encouragement to student participation included support funding, faculty pressure to contribute, and the identification of session themes and chairs in advance of the call for abstracts. Support funding is currently available through the Ken Chew Endowment Fund, which provides conference registration, hotel rooms, publishing costs for abstracts in the *Journal of Shellfish Research*, and banquet tickets for student presenters, and the annual Best Student Paper Award. The endowment fund is supported by fund-raising activities, including

Continued on page 11

Pacific Coast Section continued from page 10

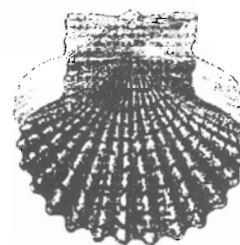
student sponsorships, coffee break sponsorships, silent auctions, barbecues and shellfish feasts at most meetings.

Dr. Ken Chew was presented with a plaque at the NSA-PCS meeting recognising his long service with the NSA and particularly the Pacific Coast Section. Terry Nosho was honoured at the conference banquet after retiring from Washington Sea Grant.

New executive officers were elected, including Graham Gillespie (Chair), Jennifer Whitney (Vice-chair), Donald Velasquez (Secretary/Treasurer), and Members-at-Large Hal Beattie, Kurt Johnson, Ray RaLonde and Kelly Toy. Planning is well underway for the 2002 Annual Meeting of the Pacific Coast Section, to be held in conjunction with the PCSGA Meeting in Newport, Oregon on September 27-30.

Proposed session themes and workshops for the 2002 meeting include: Assessment and Management of Public Resources, Biotoxins, Crustaceans, Disease, Estuarine Habitats, Genetics, Geoducks, Hatcheries and Culture and Invasive Species. Interested individuals can obtain registration information from the PCSGA website (www.pcsga.org) and those interested in presenting talks at the meeting can contact Graham Gillespie (contact information on back cover).

Graham Gillespie, Chair
Pacific Coast Section



Recruited by? _____

How to Join the National Shellfisheries Association

Fill out and mail a copy of the application blank below. The dues are US \$65.00 per year (\$35.00 for students) which may be paid by credit card, check, or money order. Membership entitles you to receive *The Journal of Shellfish Research* and the *Quarterly Newsletter!*

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

Name: _____ For Calendar Year: _____ Date: _____

Mailing Address: _____

Institutional Affiliation, if any: _____

Phone: _____ Fax: _____ Email: _____

Shellfisheries interests: _____

Regular or Student membership? _____

Student members only - Advisor's signature REQUIRED

If paying by credit card: Type of card: VISA MASTERCARD (circle one)

Name on card: _____ Signature: _____

Expiration Date: _____ Number: _____

Make checks (MUST be drawn on a US bank) or international postal money order for \$65.00 (\$35.00 for students with advisor's signature) payable to the National Shellfisheries Association and send to Ms. Nancy C. Lewis, NSA Bookkeeper, P.O. Box 350, VIMS Eastern Shore Lab, Wachapreague, VA 23480 USA.

Sheridan Takes a Road Trip

Some folks will do anything to get a day on the shore. A group of sales, marketing and accounting representatives from Sheridan Press visited the JSR Editorial Office (translation - Sandy's office and a set of file cabinets) to discuss possible ways that NSA might save money on publication of the Journal and also offer our members more services. Evan Ward, Dan Kreeger and Sandy Shumway joined Joyce Coulter, Susan Kennell, and Susan Parente at UCONN, Avery Point for a fun and very profitable meeting.

Not only did the Sheridan folks treat us to a fantastic lunch, they presented several new options for printing, binding and publishing services. They have upgraded a number of their services and equipment and will be

passing some of those savings along to us. Most significantly, color will be less expensive and page proofs will be delivered to authors electronically. This will save time and money!

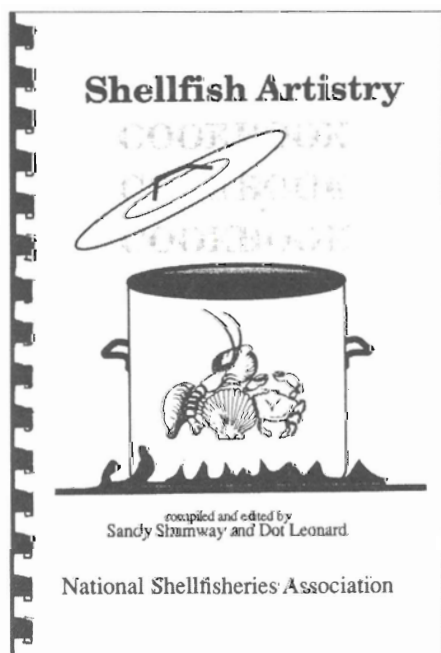
For those of you who may not be aware, NSA and The Sheridan Press have enjoyed a successful partnership for over 17 years. They have seen us through some difficult times, always been at the ready to offer suggestions and recommendations to improve the Journal, and their copy-editing department is one of the best in the business. Moreover, they are a pleasant and obliging group of folks and we look forward to a continued friendship.



Representatives from the Sheridan Press and the NSA meeting in Groton, CT earlier this summer (l-r, Susan Kennell, Susan Parente, Evan Ward, Dan Kreeger, Sandy Shumway and Joyce Coulter).

THANK YOU, SHERIDAN PRESS!!!

NOW IN ITS 3rd PRINTING



Same low Price!!!

\$10 each (plus \$2 s&h)

All proceeds go to the Student Endowment Fund

Send orders to Sandy Shumway (address on back cover) with check made out to National Shellfisheries Association

NAME _____

ADDRESS _____

Application Details for the Student Research Grants

The National Shellfisheries Association has now instituted two student research grants, the Melbourne R. Carriker Student Research Grant and the Michael Castagna Student Grant for Applied Research.

The Melbourne R. Carriker Student Research Grant

This is a competitive grant that is awarded annually to recognize a student's excellence in any research in the area of shellfisheries.

The Michael Castagna Student Grant for Applied Research

This is a competitive grant that is awarded annually to recognize a student's excellence in applied research in the area of shellfisheries. The practical, applied aspects of the research should be highlighted. Students applying for the Michael Castagna Student Grant for Applied Research may also apply for the Melbourne R. Carriker Student Research Grant, **but must submit separate applications.**

General Rules:

Proposals will be reviewed by the NSA Awards Committee, which is an NSA standing committee chaired by the immediate Past-President. The deadline for proposal applications is **October 31, 2002**. Notification of the successful applicant will be made by January 31, 2003.

The applicant must be a student member in good standing of the National Shellfisheries Association and currently enrolled as a Master's or Ph.D. student in a recognized degree granting institution anywhere in the world. Students who have previously been awarded a Student Research Grant are not eligible to apply for that grant again. Grants will be made in the form of a check made personally payable to the recipient and no institutional overhead can be charged on these funds. The \$1,000 is designed to allow a student to purchase supplies and equipment essential to performance of their research. It is neither intended to allow purchase of general items, such as computers, nor to fund travel expenses associated with attending professional meetings. Students seeking travel support to attend NSA meetings should apply separately for money made available through the NSA Student Awards Committee. It is expected that students who are recipients of the Student Research Grant will present results of their research at one of the annual NSA meetings.

A completed application will consist of the following five components:

1. **Cover sheet** with the applicants name, professional address, phone number, email address, thesis title, degree being sought (Master's or Ph.D.), date they entered the graduate program, and anticipated graduation date.

2. **Text:** Maximum of two pages single-spaced 12-pt font plus one page for figures (if needed). This should include an introduction to the research problem being addressed and the objectives and hypotheses being tested. There should be a clear statement of how the funds being requested will further the student's research project. Literature cited section is not included in this page limit.

3. **Budget page** briefly itemizing how the \$1,000 being requested will be spent (e.g., \$150 for scintillation vials, \$200 for scintillation cocktail, \$120 disposable safety supplies, etc.).

4. A **resume** listing educational background, awards/honors, presentations at meetings, and publications.

5. A **letter of endorsement** from the student's major advisor must be attached at the back of the proposal confirming that the funds are necessary for the student's research.

Five copies of the application should be sent to reach the following address by close of the business day on **October 31, 2002**. No faxed, electronic, hand-written, or late proposals will be considered.

Dr. Jay Parsons
School of Fisheries
P. O. Box 4920
Marine Institute of Memorial University
St. John's, NF, Canada A1C 5R3

A Note from your Newsletter Editor...

It's been a year since taking over production of the *NSA Quarterly Newsletter* from Jay Parsons, and I appreciate of all the assistance provided by the NSA officers, committee members and staff. Jim Berringer, of Harbor Print Shop in Boothbay, ME continues to be a big help in producing each issue.

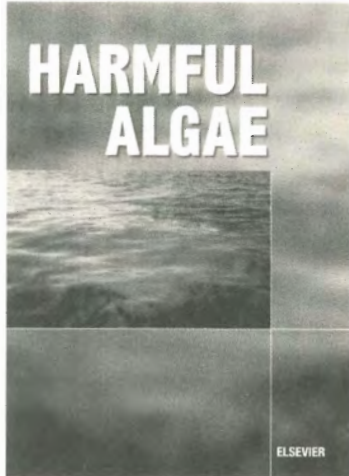
This newsletter is written by and for NSA members - your input is invaluable to its success. Please drop me a line if you have ideas on new material you would like to see included. My contact information can be found on the back page.

Chris Davis

Elsevier Science Launches New Journal

HARMFUL ALGAE is a new international journal specifically focused on all aspects of harmful algae and cyanobacteria. Its aim is to provide a specific forum for this continually growing field.

The journal will publish peer-reviewed material of high scientific standard and we hope it will enhance



communications amongst researchers, legislators, decision-makers and other professionals concerned with HABs and cyanobacteria.

The journal welcomes original research and review papers dealing with all aspects of harmful algal blooms. Topics include, but are not necessarily limited to: distribution, life histories, bloom

dynamics, physiology and toxicology, bloom ecology, trophic, socio-economic, public health and aquacultural impacts of HAB, chemical and molecular detection of toxins in phytoplankton and seafood, factors controlling toxin production, and mitigation. Papers having an interdisciplinary approach are encouraged.

We look forward to working with you to provide the scientific community with a venue specifically focused on HABs and cyanobacteria. Comments and suggestions for improvement are always welcome. The success of the journal will depend on your participation and we eagerly anticipate your submissions!

Editors-in-Chief

Sandra E. Shumway
Theodore Smayda



Metamorphosis?

Surely there are some morphs out there! If so, let the Newsletter Editor know and it will appear in this column. (Contact information on back page.)

Follow-up on Vista Nieve

Editor's note: The following ordering information on Mel Carriker's new book, Vista Nieve, was inadvertently left out of Vic and Deborah Kennedy's review that appeared in the last issue of the NSA Quarterly Newsletter:

Carriker, M. R. 2001. *Vista Nieve, The Remarkable True Adventures of an Early Twentieth Century Naturalist and His Family in Colombia, South America*. Blue Mantle Press, Rio Hondo, Texas. 313 pp. \$18.95. Individual orders: Blue Mantle Press (Kathleen Sparrow), Tel. 956-748-4350, email bluemantle@lagunamadre.net, or postal 36901 Marshall Hutts Road, Rio Hondo, TX 78583. Bulk or commercial orders, Baker and Taylor, Tel. 956-748-4350.

The book has just been translated into Spanish by Clara and Vera Perez and published by Cenicafe, Colombia, South America:

Carriker, M. R. 2002. *Vista Nieve. Cenicafe, Federacion de Cafeteros de Colombia*. 254 pp. \$30.00 US. Orders: Cenicafe (Hector F. Ospina), Chinchina, Caldas, Colombia, Tel. 0968 506550 ext. 172, 176; FAX 0968-504723; email HF.Ospina@cafedecolombia.com.

14th International Pectinid Workshop April 23-29, 2003

**CALL FOR ABSTRACTS
DUE DATE: October 1, 2002**

St. Petersburg, Florida USA The 14th International Workshop on Pectinids will focus on the biology, taxonomy, reproduction, physiology, fisheries, aquaculture and economics of scallops. We invite both oral and poster presentations of topics including taxonomy, genetics, algal toxins, nutrition, growth and mortality, reproduction, larval recruitment, predation, stock assessment and restoration, diseases, aquaculture techniques and economics. All individuals involved with Pectinids are strongly encouraged to submit an abstract for consideration as an oral or poster presentation at the workshop. All abstracts, both oral and poster, will be published in the book of abstracts. If you wish to make an oral or poster presentation, please submit an abstract no later than October 1, 2002. Abstracts must be submitted electronically following the detailed format specifications indicated in the Call for Abstracts section of the workshop web site. In fact, everything you need to know about the workshop is posted on the web site, so be sure to visit it periodically to see what's new. See page 15 for contact information.

Upcoming Meetings

The 6th International Symposium on Aquatic Nutrition:

September 3-6, 2002, Cancun, Mexico. Coinciding with AQUAMAR 2002. For more information, visit web site <http://eventos.cicese.mx/VIsymposium> or email: visina@hp.fciencias.unam.mx.

Lobster College 2002: September 12-15, 2002. Organized by the Lobster Institute, University of Maine. For more information, contact Cathy Billings at phone 207-581-2751, email: cathy.billings.umit.maine.edu or visit www.lobsterinstitute.org.

Aquaculture Canada '02: September 17-20, 2002, Delta Prince Edward Hotel, Charlottetown, PEI Canada. The 19th annual meeting of the Aquaculture Association of Canada. For more information contact Cyr Couturier at phone 709-778-0609, fax 709-778-0535, email: cyr@mi.mun.ca or visit www.mi.mun.ca/mi/aac.

Pacific Coast Section of the NSA Annual Meeting: September 27-30, 2002 in Newport, OR. For more information, contact Graham Gillespie. (Contact information on back page.)

International Workshop on Restoration of Benthic Invertebrate Populations: Genetics, Diseases & Ecology: November 9-12, 2002, Coquimbo, Chile. Sponsored by the Universidad Catolica del Norte. For more information, phone (56) 51-209813, email: restoration@ucn.cl or visit <http://herradura.ucn.cl/restoration>.

Northeast Aquaculture Conference and Exposition: November 15-16, 2002, Crowne Plaza at the Crossings, Warwick, RI. For more information, contact Ann Marie Rathbun at phone 800-292-8787 or email arathbun@narrabay.com.

6th International Conference on Shellfish Restoration: November 20-24, 2002, DoubleTree Guest Suites, Charleston, SC. For more information, contact Elaine Knight at phone 843-727-6406, email: elaine.knight@scseagrant.org or visit www.scseagrant.org.

Aquaculture America 2003: February 18-21, 2003, Kentucky International Conference Center, Louisville, KY. For more information, contact the conference manager at phone 760-432-4270 or email: worldaqua@aol.com.

23rd Milford Aquaculture Seminar: February 24-26, 2003, Quality Inn, New Haven, CT. For more information, contact Walter Blogoslawski at phone 203-882-6535 or email walter.blogoslawski@noaa.gov.

2003 Freshwater Mollusk Conservation Society Symposium: March 16-19, 2003, Sheraton Imperial, Research Triangle Park, Durham, NC. For more information, contact John Alderman via email aldermjm@mindspring.com or visit <http://ellipse.inhs.uiuc.edu/FMCS/Symposium/>.

Sea Urchin 2003: March 25-27, 2003, Puerto Varas, Chile. For more information, visit www.ifop-aquaculture.cl/seaurchin2003/index.html.

Benthic Ecology Meeting 2003: March 28-30, 2003, University of Connecticut, Groton, CT. For more information, visit www.marinesciences.uconn.edu.

National Shellfisheries Association 95th Annual Meeting: April 13-17, 2003, DoubleTree Hotel, New Orleans, LA. NSA Vice-President Lou D'Abramo is the Program Chair; see the back page for his contact information.

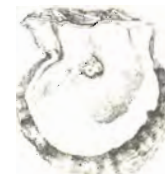
National Conference on Coastal and Estuarine Habitat Restoration: April 13-16, 2003, Hyatt Regency Inner Harbor Hotel, Baltimore, MD. For more information, visit <http://www.estuaries.org/> or contact Heather Bradley, Conference Coordinator at Restore America's Estuaries, Phone: 703-524-0248 or email: hbradley@estuaries.org.

14th International Pectinid Workshop: April 23-29, 2003, Hilton Hotel, St. Petersburg, Florida USA. For information visit workshop web site at <http://conference.ifas.ufl.edu/scallops/> or contact Beth Miller-Tipton, Conference Coordinator, Phone: 352-392-5930, fax 352-392-9734 or email: bmiller-tipton@mail.ifas.ufl.edu. See page 14 for more information.

World Aquaculture 2003: May 19-23, 2003, Bahia Convention Center, Salvador, Brazil. For more information, contact the conference manager at phone 760-432-4270 or email: worldaqua@aol.com.

Aquaculture 2004: March 1-5, 2004, Hawaii Conference Center, Honolulu, Hawaii. International Triennial Conference and Exposition of the National Shellfisheries Association, American Fisheries Society Fish Culture Section and the World Aquaculture Society. For more information, contact the conference manager at phone 760-432-4270 or email: worldaqua@aol.com.

If you would like to announce any meetings, conferences or workshops that might be of interest to NSA members, please contact Chris Davis (see back page for contact information).



Ms. Nancy Lewis
NSA Bookkeeper
VIMS Eastern Shore Lab
P. O. Box 350
Wachapreague, VA 23480

Forwarding Service Requested

First Class Mail
US Postage
Paid
Waldoboro, ME 04572
Permit #1

Officers, Committee Chairs and Staff of the National Shellfisheries Association

Dr. Dan Kreeger, President
Patrick Center for Environmental Research
Academy of Natural Sciences
1900 Ben Franklin Parkway
Philadelphia, PA 19103
Phone (215) 299-1184; FAX (215) 299-1079
Email: kreeger@say.acnatsci.org

Dr. Sandra Shumway, President-Elect; Editor, Journal of Shellfish Research; Steering Comm., Aquaculture '04; Chair, Site Selection Comm.
Dept. of Marine Sciences
University of Connecticut
1080 Shennecossett Road
Groton, CT 06340
Phone (860) 405-9152; FAX (860) 405-9153
Email: sshumway@uconnvm.uconn.edu

Dr. Lou D'Abramo, Vice-President; Chair, Program Committee; Co-Chair, Publications Committee
Department of Wildlife and Fisheries
Mississippi State University
Box 9690, Mississippi State, MS 39762
Phone (662) 325-7492; FAX (662) 325-8726
Email: ldabramo@efr.msstate.edu

Dr. David Bushek, Treasurer
Baruch Marine Field Laboratory
P. O. Box 1630
Georgetown, SC 29442
Phone (843) 546-3623; FAX (843) 546-1632
Email: bushek@sc.edu

Dr. Karolyn Mueller Hansen, Secretary
Oak Ridge National Laboratory
Bldg. 4500S, MS 6123
Bethel Valley Road, P.O. Box 2008
Oak Ridge, Tennessee 37831
Phone (865) 691-6808
Email: news@shellfish.org

Ms. Nancy Lewis, Bookkeeper
VIMS Eastern Shore Lab, P. O. Box 350
Wachapreague, VA 23480
Phone (757) 787-5816; FAX (757) 787-5831
Email: nlewis@vims.edu

Dr. Melbourne R. Carriker, Historian
College of Marine Studies
University of Delaware
Lewes, DE 19958
Phone (302) 645-4274
Email: carriker@udel.edu

Dr. Aswani Volety, 2000-2003 Member-at-Large; Co-chair, Membership Comm.
Environmental Science
College of Arts and Sciences
Florida Gulf Coast University
10501 FGCU Blvd., Fort Myers, FL 33965-6565
Phone (941) 590-7216; FAX (941) 590-7200
Email: avolety@fgcu.edu

Dr. Loren Coen, 2001-2004 Member-at-Large
Marine Resources Research Institute
SCDNR, 217 Fort Johnson Road
Charleston, SC 29412
Phone (843) 762-5033; FAX (843) 762-5110
Email: coenl@mrd.dnr.state.sc.us

Dr. Gary H. Wikfors, 2002-2005 Member-at-Large; Chair, Resolutions Committee; Co-Chair, Endowment / Student Awards Committee
National Marine Fisheries Service Laboratory
212 Rogers Ave., Milford, CT 06460
Phone (203) 579-7025; FAX (203) 579-7017
Email: gary.wikfors@noaa.gov

Dr. G. Jay Parsons, Chair, Past-Presidents, Elections and Awards Committees
Marine Institute of Memorial University
P. O. Box 4920, St. John's, NF Canada A1C 5R3
Phone (613) 990-0278; FAX (709) 778-0535
Email: Jay.Parsons@mi.mun.ca

Dr. Fu-Lin Chu, Co-Chair, Endowment / Student Awards Committee
VIMS School of Marine Science
College of William and Mary
P. O. Box 1346, 1208 Greate Road
Gloucester Point, VA 23062
Phone (804) 684-7349; FAX (804) 684-7186
Email: chu@vims.edu

Dr. Ami Wilbur, Co-Chair, Membership Comm.
Department of Biological Sciences
Center for Marine Studies
University of North Carolina at Wilmington
5600 Marvin K. Moss Lane
Wilmington, NC 28409
Phone (910) 962-2389; FAX (910) 962-2410
Email: wilbura@uncwil.edu

Mr. Steve Allen, Student Recruits
Grice Marine Laboratory
205 Fort Johnson Road
Charleston, SC 29412
Phone (843) 406-9727
Email: stevenmallen@hotmail.com

Mr. Graham Gillespie, Chair, Pacific Coast Section
Pacific Biological Station
3190 Hammond Bay Road
Nanaimo, BC, Canada V9R 5K6
Phone (250) 756-7215; FAX (250) 756-7053
Email: gillespieg@pac.dfo-mpo.gc.ca

Dr. Jonathan Davis, Co-Chair, Industry Committee
15425 Smoland Lane
Bainbridge Island, WA 98110
Phone (206) 842-0894; FAX (360) 765-3028
Email: jdavis32@mindspring.com

Mr. Richard C. Karney, Co-Chair, Industry Committee
Martha's Vineyard Shellfish Group
P. O. Box 1552, Oak Bluffs, MA 02557
Phone 508-693-0391
Email: MVSG@capecod.net

Tom Soniat, Chair, Arrangements Committee for 2003
Department of Biology
Nicholls State University
Thibodaux, LA 70310
Phone (985) 448-4865
Email: biol-tms@nicholls.edu

Mr. George Abbe, Chair, A-B-F
Estuarine Research Center
Academy of Natural Sciences
10545 Mackall Road, St. Leonard, MD 20685
Phone (410) 586-9700; FAX (410) 586-9705
Email: abbe@acnatsci.org

Dr. Victor S. Kennedy, Co-Chair, Publications Committee
Horn Point Laboratory
University of Maryland Center
for Environmental Science
P.O. Box 775
Cambridge, MD 21613
Phone (410) 221-8286; FAX (410) 221-8490
Email: kennedy@hpl.umces.edu

Dr. Christopher V. Davis, Editor, NSA Quarterly Newsletter
P.O. Box 302, 1957 Friendship Road,
Waldoboro, ME 04572
Phone/FAX (207) 832-6067 (call before faxing)
Email: cdavis@midcoast.com