SeaScripts
The Newsletter of the South Carolina Marine Educators Association

In This Issue:

2012 SCMEA Annual Conference
World Wetlands Day
Loggerhead sea turtles
Middle School Estuaries Curriculum
NOAA Workshop
Zooplankton Guide
Holiday Word Search

www.scmarineed.org Like us on Facebook! Winter 2012


‘Tis the season for meetings, workshops, conferences and environmental events! During many that I’ve attended recently in my marine educator role with the National Estuarine Research Reserve System (NERRS), it’s been significantly noted that October marked the 40th anniversary of the signing of the Coastal Zone Management Act (CZMA). Established by Congress to preserve, protect, develop, enhance, and restore the nation’s coastal resources, the CZMA began a new era in the United States by recognizing the importance of the stewardship of our oceans, coasts, and estuaries and to date over 97% of the U.S. shoreline is protected through the National Coastal Zone Management Program and the NERRS and its effective combination of federal and state partnerships.

As marine educators and lovers of the coast, I’m sure we can all understand the impact this has had on our lives and those of our future citizens. No matter what field or discipline, or the type of educator you are, the CZMA has helped assure that our state is protecting natural resources, including wetlands, flood plains, estuaries, beaches, dunes, and barrier islands (along with their incredible habitats) for wildlife, as well as for the citizens of our state. The NERRS has impacted me professionally, as well as personally, and as an employee of the NERRS, I’m proud of the fact that the reserves have preserved more than 1.3 million acres of coastal habitat and provide ongoing vital research, education and stewardship activities and programs across the country.

As a matter of fact, three current SCMEA board members work for NOAA’s Reserve program in South Carolina: Blaik Keppler and Julie Binz at the ACE Basin NERR, which partners with the state’s Department of Natural Resources and is headquartered at Ft. Johnson in Charleston, and myself with the North Inlet-Winyah Bay NERR at Hobcaw Barony in Georgetown (partnering with the University of South Carolina). As marine educators, we strive to use the knowledge we gain from local coastal research and monitoring to teach K-12, community, and coastal decision maker audiences why our coastal resources are important and what they can do to help take care of them now and for the future. So next time you visit a public beach access, one of our incredible NERRS sites (now numbering 28 across the country), or enjoy any number of other benefits our unique coastal resources provide, think of the CZMA; I’m sure it will be a nice reminder of some of the great things that can be achieved through the power of partnerships.

SEAson’s Greetings!
Beth
SCMEA President
This year’s annual conference was held at the University of South Carolina’s Kimbel Center at Hobcaw Barony in Georgetown, SC, October 5-7th. The theme, “Rice, Roe, and Indigo: Exploring Our Cultural Connections”, showcased the cultural heritage of the Winyah Bay and the port city of Georgetown. An opening reception was held Friday night at the South Carolina Maritime Museum on the Harborwalk downtown; with perfect weather, fantastic views of the Sampit River and a beautiful sunset, the back deck quickly became the most popular spot of the evening.

Our generous sponsors this year included Piggly Wiggly, Loggerhead Apparel, Kudzu Bakery, and Southern Machine and Tool. In-kind sponsors included the North Inlet-Winyah Bay National Estuarine Research Reserve, the University of South Carolina’s Baruch Institute of Marine and Coastal Science, and the Belle W. Baruch Foundation. Conference registration totaled 54 participants this year, and our first online registration went remarkably well.

Saturday events began with a morning coffee social and breakfast pastries donated by Kudzu Bakery and a wonderful opening keynote address from Lee Gordon Brockington, senior interpreter with the Baruch Foundation. She set the stage for an educational and inspiring day of learning with the theme of her talk emphasizing the ever-present changes (both natural and man-made) our coast and its residents endure. Informative sessions were shared by our presenters on everything from bugs to birds, crabs to cod, with pluff mud and a bit of Gullah-Geechee thrown in for good measure! Once again a big THANK YOU to our conference speakers who shared their time and expertise with us!

The annual business meeting and awards luncheon was held at the Kimbel Lodge Pond Pavilion and catered by Pawley’s Island Bakery with a delicious variety of sandwiches on fresh breads and wraps, pasta and veggie salads, and to die for cookies (so good some were auctioned off later!). New board members, a new board position (Media Coordinator), and awards were presented (see additional articles in this newsletter issue). After a full day of concurrent sessions, the evening events were a fun way to wind down and catch up with old and new SCMEA friends. Pre-dinner entertainment (blues, rock and roll, and plain old zaniness) was provided by local husband and wife musicians ‘Pastor Pastor Blues Band’. Ken and Faye kept us dancing and laughing until dinner was served. In keeping with the rice portion of the theme, that delicious southern delicacy, chicken pileau (with...
all the fixins) was catered by DeHone Catering of Andrews, SC. The Walters family is well known in the area for their famous chicken and rice pileau—still cooked the old fashioned way in a big, well-seasoned cast iron kettle. And the desserts—orange crème cake, Italian wedding cake, chocolate pound cake, and lemon sour cream pound cake were amazing!

The silent and live auctions were once again the big wrap up to the weekend events, and Leslie Sautter presided over the live bidding with an experienced hand. Once again, sexy male models showed off sarongs for the bidding crowd—not to be missed! Thanks to the new Paypal option with card swipe via iPhone (yay, Julie Binzl!), auction purchasing and checkout was a breeze! This year’s auction total approached $2000! Thanks for your donations and generous bids. We hope everyone had a great time, and we look forward to seeing you again soon!

**2012 SCMEA AWARDS!**

**2012 Presidents Choice Award - Beth Thomas,** Education Coordinator - North Inlet-Winyah Bay National Estuarine Research Reserve

The SCMEA President’s Choice Award is given out each year to an individual that serves the organization and the marine science community in an outstanding way. This year the award was given to an extremely deserving person and the current SCMEA President, Beth Thomas. If you have the pleasure of knowing Beth, then you know that her positive attitude and infectious laugh make her a joy to work with. In addition to that, Beth has an amazing dedication to the field of marine science and is always eager to share her knowledge and passion for the environment with those around her.

Beth brought these talents with her to the SCMEA board where she served as a director for the last two years. When the organization found itself in need of leadership, Beth volunteered to step-in as President-Elect and has excelled in that position. With limited time, Beth put together a conference full of great sessions and activities. I’m sure that all who attended “Rice, Roe and Indigo” will agree that it was an educational weekend full of fun and friendship. As Beth continues her time as SCMEA President, there is no doubt that she will do great things for this organization and is it for this reason that she was the 2012 recipient of the President’s Choice Award.

**2012 Marine Educator of the Year - Karen Fuss,** Environmental Educator - Center for Marine & Wetland Studies, Coastal Carolina University

For those of you that know Karen, it’s obvious why she is so deserving of this award! This amazing woman, affectionately known by many as ‘Aqua Girl’, is a dynamo! Not only is she adept at working with audiences of all ages, but with audiences that are especially significant to the stewardship of our coastal aquatic resources.

Karen wears many hats (in addition to her cowgirl boots!), and is at home in them all. As an Environmental Educator with Coastal Carolina University’s Center for Marine and Wetland Studies, or as Coordinator of the Coastal Waccamaw Stormwater Education Consortium, or Volunteer Coordinator for Waites Island Sea Turtle Monitoring Group (and sometimes as all three at

Congrats to Beth Thomas and Karen Fuss
Once!), she is ultimately working towards the goal of making our coastline and its waters a healthier place for all of its inhabitants. Karen is even in the water when she’s not working. In her spare time, she is a competitive swimmer with a local swim team in Myrtle Beach—this woman loves the water!

Whether teaching K-12 students, teachers, and school administrators about stormwater and inspiring action by storm drain marking and installing rain gardens on their school campuses, working with adult volunteer audiences that include sea turtle volunteers, water quality monitoring citizen scientists, and homeowner organizations working to make a difference in their communities, or lending expertise to local governments, municipal officials, stormwater managers and engineers, and regulatory agencies to help guide key local coastal decision makers on protecting the health of our coastline, Karen’s impact is truly significant.

In addition to these inspiring accomplishments, Karen also plays an active role in the marine and environmental education community, having served as Secretary for the Mid Atlantic Marine Educators Association (MAMEA) before moving to South Carolina to share her talents with us and most recently as a board member for SCMEA. CONGRATULATIONS, KAREN!

Jacques Cousteau Memorial NMEA Conference Travel Awards - Rachel Herold, Environmental Education Specialist and Lindsay Thomas, Education Specialist

Rachel (Charleston County Park and Recreation Commission) and Lindsay (North Inlet-Winyah Bay National Estuarine Research Reserve) each received a $500 travel award to attend the 2012 NMEA Annual Conference ‘North to Alaska’s Seas: A Confluence of Science and Culture’ in Anchorage, Alaska. Rachel shared her conference experiences and some great take home messages for educators in an article for the Fall 2012 issue of SeaScripts, and Lindsay presented the concurrent session ‘To Alaska and Back Again—A Tale of NMEA 2012’ at our SCMEA conference.

Fred James SCMEA Travel Awards - Cindy Lilly, Teacher, and Sara Marhenke, Environmental Educator/Nature Photographer

Cindy (Ocean Bay Middle School) and Sara were this year’s travel award recipients and attended the conference at Hobcaw Barony, as well as presented informative concurrent sessions. Cindy’s session ‘Garbage, Garbage, Garbage!’ was designed to raise awareness of and offer solutions to marine debris, and Sara’s session, ‘Rice, Beans, and Biodiversity’ introduced participants to 3rd world environmental education programming and offered a chance to “visit” and learn about Central America through photography, sketching and journaling activities.

Congratulations to all of our award recipients, and thank you for your involvement in SCMEA!

Members—please remember to apply for our annual awards and share these opportunities with others that may benefit; we were able to offer two awards for NMEA travel and two for SCMEA this year because we didn’t have any applicants for either travel award last year. The applications are really quick and painless! Look for reminders via email, Facebook updates, or visit the SCMEA website at www.scmarineed.org.
Two thousand and twelve marks an important milestone in efforts to conserve the four threatened and endangered sea turtle species that occur in South Carolina’s waters. As reported by the South Carolina Department of Natural Resources (DNR) Marine Turtle Conservation Program, a record setting 4,604 sea turtle nests were laid on South Carolina’s beaches this year, including 4,596 nests by South Carolina’s state reptile, the loggerhead sea turtle. Although our local loggerhead population is still listed as threatened under the Endangered Species Act and nest numbers remain significantly depressed from historical nesting totals documented during the 1970’s, this reproductive success is a testament to the efforts of so many who have contributed countless hours to save these amazing marine reptiles over the past several decades.

The dedication of thousands of volunteers associated with sea turtle conservation efforts in our state is one of the primary reasons the future looks bright for South Carolina’s loggerhead sea turtles. At the South Carolina Aquarium (SCA), we understand the value of volunteerism, as our organization depends upon nearly 400 individuals who donate their time to help us further our mission of conservation of the natural world. Conservation-minded SCA staff members strive to balance families and full-time workloads with community volunteer efforts and, to date, have dedicated over 2,000 hours to sea turtle conservation efforts at Cape Romain National Wildlife Refuge (NWR). Cape Romain NWR annually hosts more than 1,000 loggerhead nests on only six miles of coastline and, as such, is the densest nesting beach in South Carolina.

Protection of these charismatic marine reptiles must extend beyond the adult females and hatchlings utilizing our beaches and, as such, the SCA’s Sea Turtle Rescue Program rehabilitates all sick and injured sea turtles found along our coast with the goal of releasing them back into the wild with a second chance at life. 18 patients of three different species are currently being treated in our Sea Turtle Hospital, primarily from causes associated with negative human impacts. Three of our juvenile green sea turtles are currently undergoing treatment for boat strikes, and our Critically Endangered Kemp’s ridley is recovering from severe wounds to the neck and flippers caused by improperly discarded monofilament fishing line. Since so many causes of sea turtle mortality are associated with human activities, our Sea Turtle Hospital offers educational tours designed to teach visitors about these amazing turtles that share our coastal waters, as well as simple things we all can do to aid their survival in the wild.

To date, the SCA’s Sea Turtle Rescue Program has rehabilitated and released 99 sea turtle back into the Atlantic Ocean, and we are anxiously awaiting the celebration of our 100th success. We welcome teachers and students to share in
this incredible journey with us by visiting our current turtle patients for a unique opportunity to get up close and personal with these rare animals while they recover from illness or injury. Please take advantage of your complimentary SCA teacher membership to enjoy one of our behind-the-scenes Sea Turtle Hospital tours for only $8. These tours are available every Monday, Wednesday, Friday, Saturday, and Sunday at 11:30 A.M. and 1:00 P.M. In addition, we welcome teachers to book private tours for their students at any time during the week by calling the SCA at 843.577.FISH. Our 18 patients are looking forward to sharing their stories with you!

Meet new board member: Rachel Herold!

Hello! My name is Rachel Herold, and I am pleased to be a new SCMEA board member! I grew up in northern Alabama, six hours from the ocean, and made my way east for college. After graduating from Clemson with a biology degree, I took an environmental education job for a year on the Georgia coast. I moved inland again, but the ocean, and graduate school, drew me to Charleston. During the summer after my first year in the Master of Environmental Studies program at the College of Charleston, I landed a part-time job doing environmental education with the Charleston County Parks. This morphed into my Master’s internship and then a full-time position. I love teaching about Lowcountry habitats, plants, and animals! I also enjoy cooking, camping, knitting, and hanging out with my dogs, sometimes all at the same time!

Rachel Herold
Environmental Education Specialist
Charleston County Park and Recreation Commission

*Stayed tuned to the Spring 2013 issue to learn more about new board members!*

**Available NOW!**

NOAA’s National Estuarine Research Reserves (NERR) and the Alabama Department of Conservation and Natural Resources are pleased to announce...

*Estuaries 101 Middle School Curriculum*

a new online multi-media science curriculum for grades 5-8th. This curriculum provides interactive learning tools to teach fundamental concepts in science and develop scientific thinking skills, while helping students discover and virtually explore the nation’s biologically rich estuaries.

It is available FREE on the estuaries.noaa.gov site in easy to access teacher downloads (you can also find the Estuaries 101 High School Curriculum here).

Don’t miss an opportunity to use this curriculum that engages students in real NERR research and monitoring through interactive classroom activities and user-friendly real time water quality and weather data exercises. Videos, simulations, teacher activity downloads, and interactive maps are all available to further help students visualize the inner workings of an estuary.

For more about the NERRS in South Carolina, please visit:

www.northinlet.sc.edu
www.dnr.sc.gov/marine/NERR

(Continued from page 6: Loggerhead sea turtles)
Introducing Volume 2 of the Okeanos Explorer Education Materials Collection:

How Do We Explore?
Professional Development
for Educators of Grades 5-12

Saturday, March 2, 2013
8:30 am – 4:00 pm

To register, please email Jaime Thom at jthom@scaquarium.org or call (843) 579-8562.

Deadline is February 8, 2013

In Partnership with and Hosted by
South Carolina Aquarium
Charleston, South Carolina

This professional development introduces Volume 2 of the Okeanos Explorer Education Materials Collection: How Do We Explore? The NOAA Ship Okeanos Explorer is the Nation’s first ship dedicated to solely exploring the world’s ocean. Participants will learn how to use standards-based lessons and other online resources that guide classroom investigations into the innovative exploration strategies, sophisticated instrumentation and equipment used onboard the ship to explore our largely unknown world ocean. Topics include how targets are selected for exploration, mapping techniques, water column exploration, remotely operated vehicles and telepresence technology that enables access to real time ocean exploration. Participants will also learn how explorers use data gathered at target sites to learn more about our deep ocean world.

Registration is required and space is limited. Educators who attend the full day will receive a $50 stipend. Each participant will receive Volume 2 of the Okeanos Explorer Education Materials Collection, How Do We Explore?, materials related to activities presented during the workshop, a NOAA Ocean Exploration Certificate of Participation, continental breakfast, and lunch.
Zooplankton of the Atlantic and Gulf Coasts
A Guide to Their Identification and Ecology

William S. Johnson and Dennis M. Allen
with Illustrations by Marni Fylling

Zooplankton are critical to the vitality of estuaries and coastal waters. In this revised edition of Johnson and Allen’s instant classic, readers are taken on a tour of the miniature universe of zooplankton, including early developmental stages of familiar and diverse shrimps, crabs, and fishes.

Zooplankton of the Atlantic and Gulf Coasts details the behavior, morphology, and coloration of these tiny aquatic animals. Precise descriptions and labeled illustrations of hundreds of the most commonly encountered species provide readers with the best source available for identifying zooplankton. Beautifully illustrated, this is the only identification guide to zooplankton of the Atlantic and Gulf Coasts.

Inside the second edition
• an updated introduction that orients readers to the diversity, habitats, environmental responses, collection, history, and ecological roles of zooplankton
• descriptions of life cycles
• illustrations (including 88 new drawings) that identify 340-plus taxa and life stages
• range, habits, and ecology for each entry located directly opposite the illustration
• appendices with information on collection and observation techniques and citations of more than 1,300 scientific articles and books

"An indispensable book for teachers, students, and professionals working in marine biology and oceanography."—Northeastern Naturalist

ORDER FORM
Payment or complete credit card information must accompany all mail-in orders.

To Order Call
1-800-537-5487

Or Visit
www.press.jhu.edu

Send Mail Orders to:
Johns Hopkins University Press
c/o Hopkins Fulfillment Service
P.O. Box 50370
Baltimore, MD
21218-4370

Please send me ________ paperback copies of Zooplankton of the Atlantic and Gulf Coasts ($7.25 each) at the special reduced price of $37.50 (reg. $50.00)

Shipping charges: $5.00 first book, $2.00 each additional; outside the U.S. $10.00 first book, $5.00 each additional.

Residents of CA, CT, DC, FL, GA, HI, MD, MO, NJ, NY, PA, TX, and Canada please add applicable sales tax or GST. Prices subject to change.

Payment method: [ ] Check enclosed, payable to JHUP.
[ ] MasterCard [ ] Visa [ ] Discover [ ] American Express

Shipping address: (Please print,)
Name:
Address:
City/State/Zip:
Account:
Exp. date: Security Code
Daytime phone: ____________________________
Signature: _____________________________
The Social Media Committee is a new standing committee established during the New Board meeting at the annual conference in Anchorage. This committee will oversee the online presence of NMEA on various social media platforms in an effort to communicate with our members, to reach out beyond our membership to the broader marine science education community, and to promote the mission and activities of our organization. Additionally, we will support the social media efforts of our regional chapters and annual conference organizers. Currently, we are maintaining accounts on Facebook and Twitter, but our online presence will increase as our committee grows.

If you have previous experience working with social media on behalf of a non-profit organization, the Social Media Committee needs you! The first committee meeting via conference call will be held in late November, so please contact Laura Diederick at diederick@si.edu to join today! Also, if you're not already following us on Facebook and Twitter, don't wait another minute! Find us at /NatlMarineEd.

### Holiday Word Search

<table>
<thead>
<tr>
<th>J</th>
<th>S</th>
<th>H</th>
<th>P</th>
<th>W</th>
<th>H</th>
<th>S</th>
<th>C</th>
<th>E</th>
<th>N</th>
<th>T</th>
<th>F</th>
<th>Y</th>
<th>P</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>K</td>
<td>H</td>
<td>B</td>
<td>I</td>
<td>C</td>
<td>O</td>
<td>M</td>
<td>E</td>
<td>D</td>
<td>F</td>
<td>R</td>
<td>F</td>
<td>A</td>
<td>M</td>
</tr>
<tr>
<td>N</td>
<td>A</td>
<td>I</td>
<td>S</td>
<td>R</td>
<td>N</td>
<td>R</td>
<td>N</td>
<td>C</td>
<td>A</td>
<td>U</td>
<td>Q</td>
<td>R</td>
<td>W</td>
<td>O</td>
</tr>
<tr>
<td>G</td>
<td>T</td>
<td>T</td>
<td>H</td>
<td>I</td>
<td>O</td>
<td>E</td>
<td>H</td>
<td>S</td>
<td>M</td>
<td>S</td>
<td>O</td>
<td>Z</td>
<td>K</td>
<td>X</td>
</tr>
<tr>
<td>L</td>
<td>E</td>
<td>S</td>
<td>A</td>
<td>W</td>
<td>F</td>
<td>A</td>
<td>C</td>
<td>P</td>
<td>E</td>
<td>M</td>
<td>T</td>
<td>I</td>
<td>M</td>
<td>B</td>
</tr>
<tr>
<td>E</td>
<td>T</td>
<td>W</td>
<td>E</td>
<td>L</td>
<td>U</td>
<td>L</td>
<td>E</td>
<td>O</td>
<td>E</td>
<td>N</td>
<td>E</td>
<td>A</td>
<td>N</td>
<td>I</td>
</tr>
<tr>
<td>S</td>
<td>F</td>
<td>C</td>
<td>I</td>
<td>T</td>
<td>R</td>
<td>T</td>
<td>E</td>
<td>K</td>
<td>N</td>
<td>C</td>
<td>I</td>
<td>B</td>
<td>R</td>
<td>D</td>
</tr>
<tr>
<td>H</td>
<td>I</td>
<td>P</td>
<td>T</td>
<td>B</td>
<td>F</td>
<td>C</td>
<td>A</td>
<td>S</td>
<td>U</td>
<td>E</td>
<td>O</td>
<td>R</td>
<td>B</td>
<td>Z</td>
</tr>
<tr>
<td>E</td>
<td>T</td>
<td>V</td>
<td>S</td>
<td>I</td>
<td>D</td>
<td>L</td>
<td>D</td>
<td>T</td>
<td>N</td>
<td>Z</td>
<td>F</td>
<td>S</td>
<td>A</td>
<td>T</td>
</tr>
<tr>
<td>L</td>
<td>S</td>
<td>X</td>
<td>S</td>
<td>L</td>
<td>F</td>
<td>X</td>
<td>T</td>
<td>V</td>
<td>Z</td>
<td>I</td>
<td>Z</td>
<td>I</td>
<td>A</td>
<td>M</td>
</tr>
<tr>
<td>L</td>
<td>P</td>
<td>H</td>
<td>T</td>
<td>W</td>
<td>K</td>
<td>E</td>
<td>Q</td>
<td>D</td>
<td>H</td>
<td>F</td>
<td>T</td>
<td>C</td>
<td>S</td>
<td>N</td>
</tr>
<tr>
<td>S</td>
<td>O</td>
<td>C</td>
<td>O</td>
<td>O</td>
<td>R</td>
<td>E</td>
<td>D</td>
<td>D</td>
<td>R</td>
<td>U</td>
<td>M</td>
<td>Y</td>
<td>C</td>
<td>H</td>
</tr>
<tr>
<td>V</td>
<td>B</td>
<td>N</td>
<td>F</td>
<td>S</td>
<td>D</td>
<td>D</td>
<td>B</td>
<td>X</td>
<td>B</td>
<td>L</td>
<td>Z</td>
<td>S</td>
<td>N</td>
<td>D</td>
</tr>
<tr>
<td>F</td>
<td>S</td>
<td>E</td>
<td>H</td>
<td>D</td>
<td>E</td>
<td>C</td>
<td>O</td>
<td>R</td>
<td>A</td>
<td>T</td>
<td>O</td>
<td>R</td>
<td>C</td>
<td>R</td>
</tr>
<tr>
<td>O</td>
<td>L</td>
<td>A</td>
<td>E</td>
<td>S</td>
<td>D</td>
<td>E</td>
<td>D</td>
<td>R</td>
<td>A</td>
<td>E</td>
<td>B</td>
<td>T</td>
<td>J</td>
<td>V</td>
</tr>
<tr>
<td>H</td>
<td>R</td>
<td>E</td>
<td>N</td>
<td>O</td>
<td>M</td>
<td>E</td>
<td>N</td>
<td>A</td>
<td>S</td>
<td>A</td>
<td>M</td>
<td>T</td>
<td>S</td>
<td>I</td>
</tr>
<tr>
<td>K</td>
<td>S</td>
<td>B</td>
<td>I</td>
<td>P</td>
<td>X</td>
<td>K</td>
<td>Q</td>
<td>T</td>
<td>N</td>
<td>U</td>
<td>D</td>
<td>V</td>
<td>A</td>
<td>I</td>
</tr>
<tr>
<td>A</td>
<td>T</td>
<td>F</td>
<td>E</td>
<td>W</td>
<td>Q</td>
<td>O</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>C</td>
<td>L</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

- **ANGEL SHARK**
- **ICE WORMS**
- **ICE WORMS**
- **SEAN STAR**
- **BEARDED SEAL**
- **JINGLE SHELLS**
- **SKATE**
- **CANDY CANE SHRIMP**
- **MARINE SNOW**
- **SNOWFLAKE MORAY**
- **CHRISTMAS ANEMONE**
- **PINECONE FISH**
- **THORNY TINSEL FISH**
- **COOKIE CUTTER SHARK**
- **RED DRUM**
- **TRUMPET FISH**
- **DECORATOR CRAB**
- **DECORATOR CRAB**

*SeaScripts* is published and distributed on a quarterly basis. The submission of articles and announcements to the editor (kinman@scaquarium.org) is greatly appreciated and encouraged. To ensure that your submission is included in the proper issue, please observe the following deadlines:

- **Spring Issue** - February 15th
- **Summer Issue** - May 15th
- **Fall Issue** - August 15th
- **Winter Issue** - November 15th

Any materials that are not time sensitive may be saved and used in a future issue.