

105 Years of Educating Aquarists

# BAS BULLETIN

Brooklyn Aquarium Society Monthly Online Newsletter

VOL. 19

NOVEMBER 2016

No 9

## Joe Graffagnino

POWER POINT PRESENTATION

### - Introduction to Killifish -

PLUS A SPECIAL RAFFLE FOR FOR MEMBERS FOR A FREE  
1 YEAR MEMBERSHIP TO THE AMERICAN KILLIFISH ASSOCIATION  
(SEE PAGE 1 FOR DETAILS)



**fun fact**  
There are more  
than 1,200 different  
species of killifish!

**Marine Fish, Aqua-cultured Corals,  
Freshwater Fish, Plants & Dry Goods Auction**

**At New York Aquarium, Education Hall, Surf Ave. & West 8th St., Bklyn, NY**

**Free Parking • Free Refreshments**

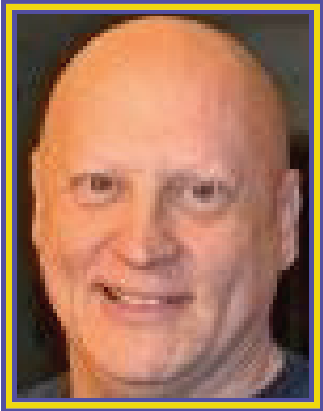
\$5 Donation for non-members. Good towards membership that night only.

**Held the 2nd Friday of each month @ 7:30PM except July & August**

For Information Visit [WWW.BROOKLYNAQUARIUMSOCIETY.ORG](http://WWW.BROOKLYNAQUARIUMSOCIETY.ORG).  
Or Call BAS 24 Hr. Calendar of Events Hotline (718) 837-4455

## 105 Years of Educating Aquarists

# THE PRESIDENT'S MESSAGE



Well, another month is gone, but it was a good one. We had our Giant Auction to a packed house, with over 250 items in our auction. There were tanks, stands, R/O filters, gift certificates and a ton of livestock. We had freshwater; we had saltwater;

we had plants; the assortment was great. Our club has become more diverse every year.

Next month we have had to make a change of our speaker. Our own **Joe Graffagnino** will fill in since our scheduled speaker had to cancel. Joe's topic for the evening will be *"Introduction to Killifish."* As always, besides our auction, we will have plenty of refreshments and free parking.

**In December, we will have our holiday party at the Bridgewater Diner on 3rd Avenue and 90 Street in Brooklyn.** The cost will be \$25 for the meal. Payments will be accepted at the November meeting.

*(See page 4 for details.)*

We continue to have several vacant slots for our Officers and Board members. The openings are 1st Vice President, Exchange Editor and Treasurer. Also there are several Board slots open. Having these positions open will create a negative impact on what the club can do for our members. As with any organization, less people means less gets done. One immediate result is that we must drop our 50/50 for livestock at our November event.

This is your club and we are asking you to step up and help out. Believe me, it makes a huge difference as to what we can provide to you, our members! Please help out.

Doors open at 7:30 pm. Entry is free to all active members. Non-members are asked to do-

nate \$5 at the door to help offset expenses; however, that donation is good towards annual membership that night. Members with active membership cards receive discounts at most of our sponsoring stores and free entry to all our events. Be sure to show your card when you check out at the stores.

Anyone wishing to donate any healthy livestock (fish, plants or live corals) or dry goods can bring them to any general meeting. Donations are always welcome and appreciated – it's what keeps your club healthy!

Also, if you want to see different speakers and learn about different aquatic systems, fish, plants and marine life, please let me know. The elected officials of the Brooklyn Aquarium Society are here to serve YOU! So let us know what you want and why because that information would be helpful to everyone. It is important that you visit and patronize our sponsors. It goes full circle: by helping them, they are also helping you as hobbyists and everyone is helping the Brooklyn Aquarium Society, so help us, help you!

For more info, please call our BAS Hotline at (718) 837-4455, or visit our modern website at -

**[www.brooklynaquariumsociety.org](http://www.brooklynaquariumsociety.org)**

On a more personal note – any member who wants to attend a Board meeting, which are held at Education Hall of the New York Aquarium on the 1st Friday of the month, September through June, please notify me at (347) 277-4793 by the Tuesday before the meeting.



# Steven

**Steven Matassa,  
President**

# THIS MONTH'S SPEAKER

**J**oe Graffagnino has been a hobbyist of freshwater fish for over 40 years. He enjoys breeding all species of tropical fish and sharing them with fellow hobbyists. Joe has written extensively on breeding and raising fish and has been published in various magazines, such as *Tropical Fish Hobbyist*, *Aquarium Fish* and *Freshwater and Marine Aquarium* (FAMA). Joe has also been published in the American Cichlid Association publication *Buntbarshe Bulletin* and *Aquatica* and in many local aquarium society publications throughout the United States and England. He also enjoys fish photography.

Joe lives in Brooklyn, NY with his wife and currently maintains 34 aquariums of various sizes containing killifish, anabantoids, characins, cyprinids, livebearers, cichlids and catfish both Old and New World and has an outdoor pond with koi and goldfish. Joe is a former president of the Brooklyn Aquarium Society; prior to that position, Joe was the Society's Corresponding Secretary. He joined the Brooklyn Aquarium Society in 1975.

Joe will be treating us to an American Killifish Association power point presentation on killifish. Killifish are among the most beautiful of freshwater fish and they are easy to keep they only need a small tank 5-gallons will do fine for most species, They don't need heaters and they are not that hard to bred.

**We will have a special raffle offered by the American Killifish Association to introduce members to killifish keeping with a free membership to the AKA good for one year. It comes with their online monthly *Business Newsletter*, and their bi-monthly hard copy the *Journal of the American Killifish Association*.**

**This is one great organization and that will help you in killie keeping.**



## DIRECTIONS TO THE NY AQUARIUM

**Directions by Car:** Take Belt Parkway to Ocean Parkway South (Exit 7S). Take Ocean Parkway approx. 1/2 mile. The New York Aquarium will be on your left.

**Directions by Subway:** Take either the Q or F trains to West 8th St, NY Aquarium Station. **Follow signs to NY Aquarium.**

# BROOKLYN AQUARIUM SOCIETY

## CALENDAR OF EVENTS 2016 ~ 2017

**NOV 11 Joe Graffagnino ~ Introduction to Killifish** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**DEC 9 Holiday Party ~ Members, their families and friends dinner** • Fish Bingo & Prizes

• BAS awards presentations. (See page 4 for details)

### 2017

**JAN 13 Micheal Barber ~ Tropical Fish Collecting & Wildlife Expeditions** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**FEB 10 Pat Donston ~ Biodiversity Practices for Reef & Planted Exhibits** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**MAR 10 SPEAKER TBA Fresh** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**APR 14 SPEAKER TBA Marine** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**MAY 12 Giant Spring Auction** ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a brand new 55-gallon tank & stand.

**JUN 9 SPEAKER TBA Fresh** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**SEP 8 SPEAKER TBA** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**OCT 13 Giant Fall Auction** ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a brand new 55-gallon tank & stand.

**NOV 10 TBA** ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

**DEC 8 Holiday Party ~ Members, their families and friends dinner** • Fish Bingo & Prizes

• BAS awards presentations.

**All BAS meetings begin at 7:30pm.**

No members, other than those donating their help setting up or items for the auction, will be allowed in before that time.

The **BAS ANNUAL HOLIDAY PARTY**  
 will be held Friday, December 16th at the  
**Bridgeview Diner, 9011 3rd Avenue, Brooklyn, NY.**  
 There will be no meeting on Friday, December 9th.

**T**here will be no meeting on December 9th. Instead the Brooklyn Aquarium Society's **Holiday Party** will be **Friday December 16th**, starting at 7:30pm at the **Bridgeview Diner, 9011 3rd Ave., Brooklyn, NY 11209** (Phone 718-680-9818).

We'll have a large private room and our own serving staff. The cost for all attending is \$25 per person, paid in advance at the November 11th meeting or payment can be mailed to **Brooklyn Aquarium Society, c/o Holiday Party, P.O. Box 290610, Brooklyn, NY 11229-0011** no later than December 10th. Refunds will be made up to December 13th.

**THE EXTENSIVE MENU INCLUDES:**

**Choice of Soup, Penne Vodka or Salad:**

**Soups:** Crème of Chicken, Chicken Noodle, Chicken Rice or Manhattan Clam Chowder.

**Salad:** Your choice of Dressings.

**Entrees:** Poached Salmon with carrots, zucchini and broccoli. Roast Prime Rib of Beef with potatoes and vegetables.

Baked Chicken Oreganato with potatoes and vegetables.

**Childrens menu:** Chicken Fingers with French fries.

Frankfurter with French fries.

Hamburger with French fries.

Sliced roast turkey with French fries.

Spaghetti with meatball.

**Soda (free refills) and Dessert choices:** Ice cream, black forest cake, chocolate layer cake, fruit salad.

Alcoholic beverages are available at member's cost.

We play Fish Bingo for aquarium-related prizes. We also honor members with awards who have served the Society for the past year, and members who have written articles for *Aquatica* and award them with aquarium books.

If you have written for *Aquatica* or the *BAS Bulletin* or if you have helped the Society in the past year, you might be one of the people we honor that evening.

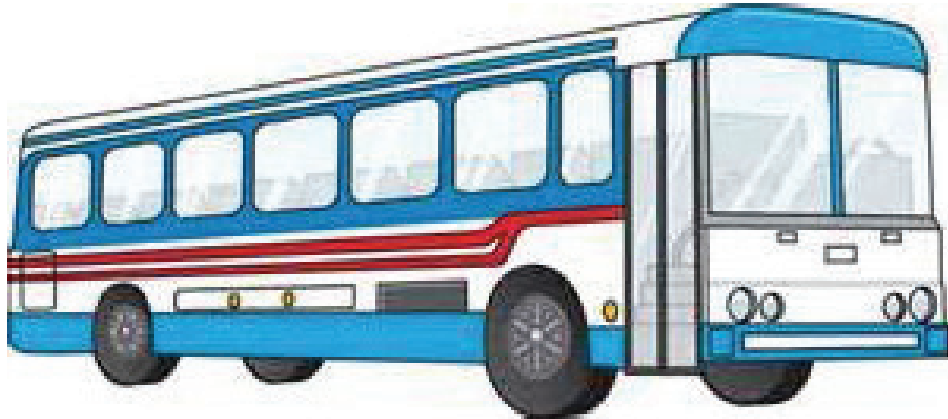
There's plenty of free parking in the large parking lot in the rear of the diner, so join your BAS friends, bring your family or significant other for a fun filled evening and enjoy some great food.

**Train directions:** Take the R train to 86th Street & 4th Avenue, walk to 3rd Avenue & 86th St., then walk 4 blocks, to 3rd Ave. & 90th St. to the Bridgeview Diner.

**See you at the Holiday Party.**



# BAS SPRING BUS TRIP!



**I**n response to members' request for a bus trip to popular aquariums, we provide this option sheet. The locations are the **Boston Aquarium**, **Baltimore Aquarium** or the **Riverhead Aquarium**. The location with the most votes will be investigated for costs and time factors.

These are really great fun day trips, the sort of trip most of us would never do on our own. We leave & depart from NY Aquarium early in the morning and arrive back at the NY Aquarium that evening. **The trip is planned for the spring, on a weekend, either in April or May, 2017.**

At the October 14 & November 11 meetings, we'll have questionnaires to see what dates would be best for members. The selected location will be announced at our January event, along with the associated costs. Full payment must be received by the March 10th event.

**BAS will provide coffee, donuts, bagels and juice, leave & depart from NY Aquarium and will pay a portion of the cost for the bus.**

# COMING EVENTS

## EXHIBITIONS, AUCTIONS & CONVENTIONS 2016 - 2017



**NOVEMBER 4 - 6 - 4th AQUATIC EXPERIENCE - CHICAGO**, at the Marriott Renaissance Hotel, Schaumburg Convention Center, Chicago, Illinois. A product shopping mart featuring marine & freshwater interests as well as educational speakers for the hobbyist & industry.

**NOVEMBER 5 - 6 ~ WISCONSIN KILLIFISH ORG (WACO)** 36th annual egg-laying Toothcarp Jamboree. Held at the Day's Inn & Suites - Airport. Milwaukee, WI. This is a day AKA sanctioned Show & Auction. The featured speaker is **Ken Normandin**. Seminars, Raffles, 15 Classes, Judged Competition, Live Foods, Box Sales

& Publications, Hospitality and Huge Auction. For more information: [www.wakoaka.org](http://www.wakoaka.org)

**NOVEMBER 5 - 6 BOSTON AS 100TH ANNIVERSARY WEEKEND**. Event held at the Beverly Mass Elks Hall, 39 Bow Street, Beverly, Massachusetts. Open to the public. Free admission. Saturday: Fish shows and speakers, **Rick Bornstein, Mike Helweg, Mark Denaro, Ted Coletti, Rachel O'Leary**. Hourly Raffles, Boston Guppy Group Imported Guppies Group Buy. Silent auction. Sunday: Auction, bidding starts at 12 noon. Bidder card \$2. All items \$3 minimum bid. For more info: **Bill Gill BostonBreeder@BostonGuppyClub.Com** or **Marksdonnam@hotmail.com**

**NOVEMBER 6 - JERSEY SHORE AS FALL 2016 TROPICAL FISH & DRY GOODS AUCTION**. At the South Wall Fire Rescue Company, 2605 Atlantic Ave., Manasquan, NJ. Featuring rare and exotic tropical fish and a wide selection of aquatic plants, free goodies and door prizes all day long. Snacks and Refreshments available. For more info: **e-mail Russ White at [rwhite8@option.net](mailto:rwhite8@option.net) or visit [jerseyshoreuas.org](http://jerseyshoreuas.org)**

**JANUARY 21, 2017 - FEBRUARY 3, 2017 RIO NEGRO EXPEDITION**. An expedition to the Rio Negro River in Brazil, an experience of a lifetime, and observe all the aspects of the home aquarium fishery. The trip includes:

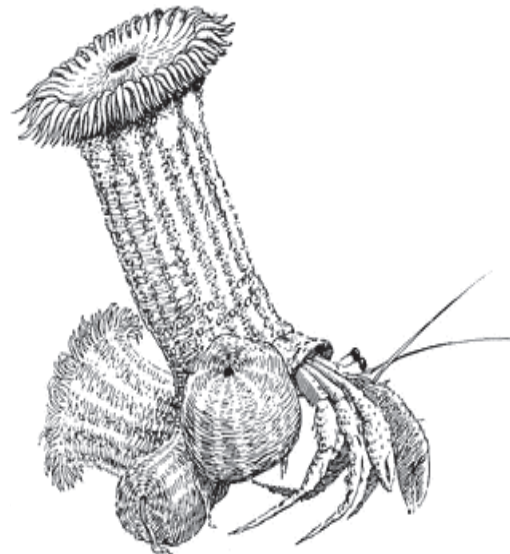
- 2 weeks on a well appointed live-aboard boat.
- Visit biological hotspots.
- Visit fishing communities.
- Participate in the Ornamental Fish Festival of Barcelos.
- Visit home aquarium fish export facilities.
- Visit the world-famous Manaus Opera House.

Contact **Scott Dowd** for more information and to reserve your spot for the expedition. **[SDowd@NEAq.org](mailto:SDowd@NEAq.org)** or (617) 973-5243

**JANUARY 15 - DANBURY AREA AS 32nd ANNUAL AUCTION of fish (all species), aquarium equipment and related dry goods**. Held at the Knights of Columbus - Carmel, NY. Registration: 8:30 AM TO 11:15 AM. Viewing of goods: 10 AM to 11:15 AM. **AUCTION: 11:30 AM to 5 PM**. No Pre-registration: 1 red dot, 1 additional dot per 10 bags, 50/50 split, 60/40 for 6 or more lots, please label your bags. DAAS invites all to attend! For more info: <https://www.facebook.com/event/904174969713268/>

**FEBRUARY 19 - PIONEER VALLEY AS ANNUAL AUCTION** Held at the knights of Columbus Hall, 460 Granby Rd, Chicopee, MA 01013, Auction starts at 11:30AM. Doors open at 9AM for viewing and registration. Auction is open to the public free of charge. For info: **Chuck Pixley [cpixley16@comcast.com](mailto:cpixley16@comcast.com)** or **Michael Liu [mike@berkshiredesign.com](mailto:mike@berkshiredesign.com)**

**MARCH 10 - 12 - NORTHEAST COUNCIL OF AQUARIUM SOCIETIES 42nd ANNUAL CONVENTION**, held at Sheraton Hartford South, 100 Capital Blvd, Rocky Hill, CT 06067. Take I-91 North or South to exit 23. Turn right off the exit. Hotel is on the right. To make reservations at our convention rate of \$105/night rate (plus tax) please either reserve online or call the hotel at 1 888 627 8263 and mention the Northeast Council of Aquarium Societies 2016 Convention. We are able to offer a special convention rate of \$105 per night (plus tax) for the nights of March 10 - 12, 2017. This special rate will be available from Thursday March 9, through Sunday, March 12. Check-in 3:00 PM Check-out 12:00 PM. Speakers: **Bill Allen, Ted Coletti, Steve Edie, Gerald Griffn, Ruben Lugo, Tony Orso, Karen Pattist, Greg Steeves**. **American Labyrinth Fish Association (ALFA) Inaugural Meeting Speaker: Mark Denaro**. All-day Sunday auction of fish, inverts, plants & dry goods. Weekend conservation silent auction, vendors & manufacturer hall: fish, plants, equipment & hardscape. Nightly hospitality room. Raffles, prizes, free samples. For more information visit: [www.northeastcouncil.org](http://www.northeastcouncil.org)



# NEWS & NOTES



## Petco Names New CEO

Petco will undergo a major change in leadership early next year, when retiring chairman and CEO **Jim Myers** is succeeded as CEO by **Brad Weston** on February 1. Weston currently serves as the company's president and chief merchant.



**T**here will not be a 50/50 for livestock at the November 11th meeting, because we do not have a board member to oversee and run it!

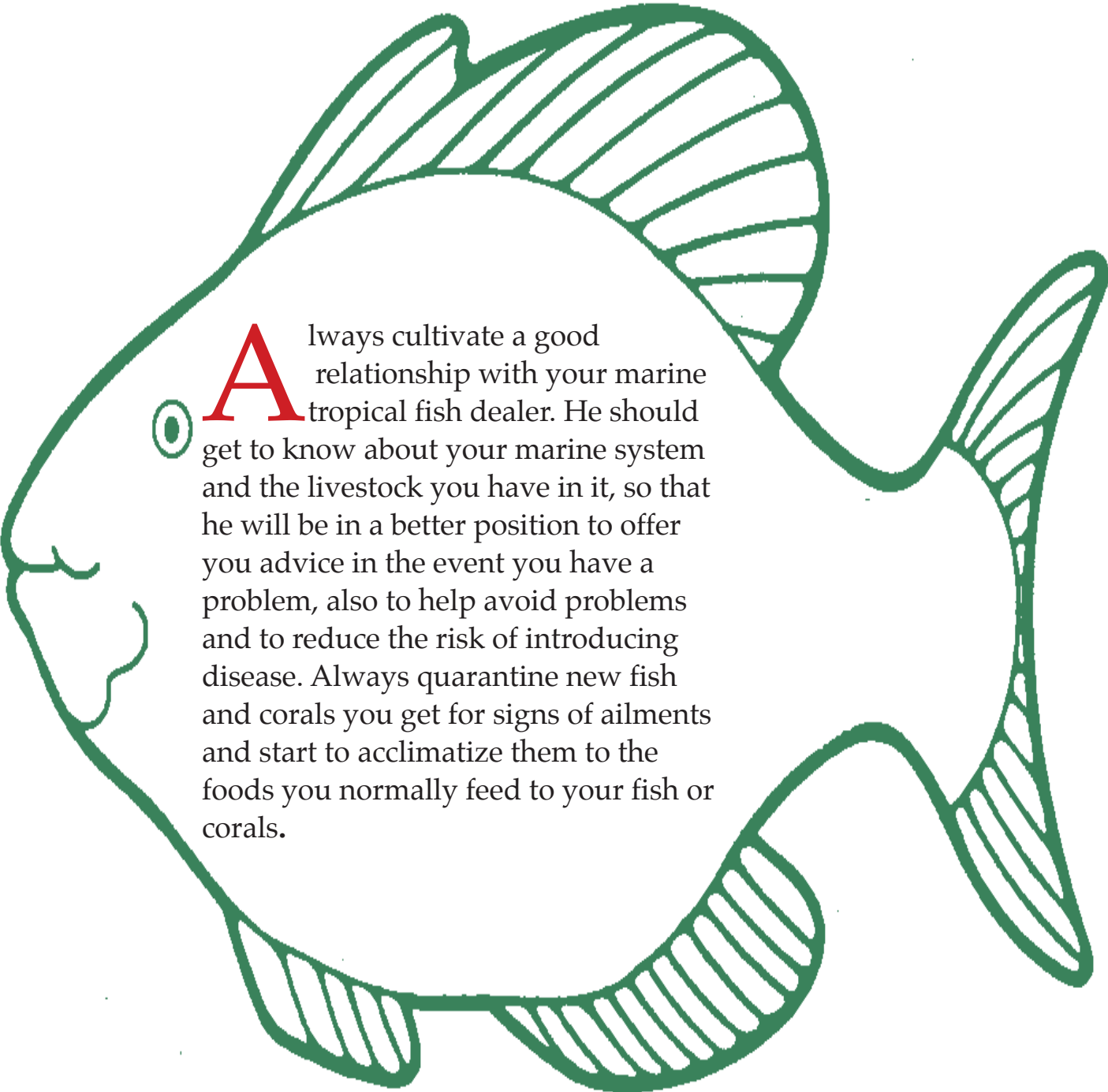


**T**he Officers and Board of the BAS extend their very best wishes to all our members for a great Thanksgiving and for a safe and happy holiday season.





# TIP OF THE MONTH



Always cultivate a good relationship with your marine tropical fish dealer. He should get to know about your marine system and the livestock you have in it, so that he will be in a better position to offer you advice in the event you have a problem, also to help avoid problems and to reduce the risk of introducing disease. Always quarantine new fish and corals you get for signs of ailments and start to acclimatize them to the foods you normally feed to your fish or corals.

## SEARCHING FOR A GREAT WHITE SHARK, IN THE WATERS OFF LONG ISLAND

### Samantha Schmidtaug, August 16, 2016 NYT

**ABOARD THE RESEARCH SHIP THE MV OCEARCH**, off Long Island — **Brett McBride** lined up his fishing wires in the ship's tackle room, carefully ensuring that all knots were tied and all hooks were in place. For Mr. McBride, the captain of the converted crabbing vessel, precise organization of this equipment would be crucial to ensnare a creature that drew his ship to these waters: a great white shark.

In an expedition over about two weeks, Mr. McBride and other members of the shark-tracking organization **Ocearch**, along with scientists from the **Wildlife Conservation Society**. By monitoring the movement and behavior of these fish, researchers hope to show a theory that this swath of the Long Island coastline serves as a great white breeding ground.

Ocearch, founded by **Chris Fischer**, a former television host, has embarked on 25 previous expeditions worldwide, tagging hundreds of sharks, including five on the East Coast, since 2007. But this is the first time Ocearch has set its sights on the New York Bight.

The bight, a stretch of the Atlantic Ocean between Cape May, N.J., and Montauk Point on Long Island, is home to more than two dozen species of sharks, said **Merry Camhi**, director of **New York Seascapes at the New York Aquarium** and one of the scientists accompanying the Ocearch crew.

"If we have sharks here, it's sort of an indicator that our ecosystem is doing well," Dr. Camhi said.

Scientists understand very little about the movements and migratory patterns of juvenile sharks, said **Tobey Curtis**, a fishery management specialist with the **National Marine Fisheries Service** and one of the expedition's lead scientists. But they know the New York coast is a hot spot for them.

When Mr. Curtis and other researchers compiled records of 200 years of great white shark sightings in the North Atlantic, they found that two-thirds of newborn sharks were documented in the New York Bight, he said.

"The big question is, why are they here?" he said. "When they leave, where do they go?"

Many experts suspect shark mothers might leave their pups in the region because of the shallow water and plentiful food, Mr. Curtis said. The shelter of the local bays also might protect young sharks from adult predators, Dr. Camhi said.

Sharks are most vulnerable in their early years, and they require additional protection, Mr. Curtis said. By studying a juvenile shark's habitat use, migration patterns and other behaviors, scientists can more effectively suggest policy plans to conserve the species.

"You want those little fish to grow up into big fish and produce more little fish," Mr. Curtis said.

Sharks play a crucial role in the food chain of the seas.

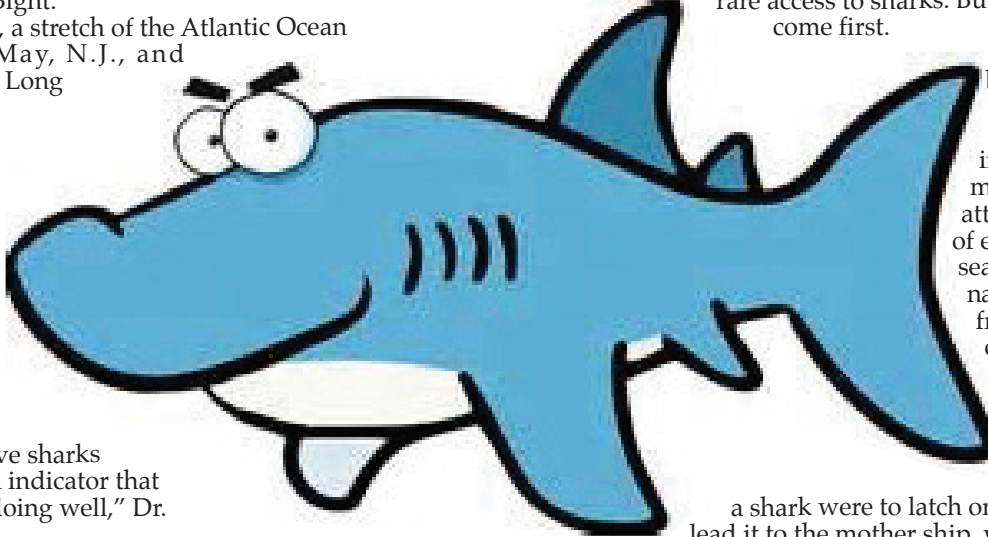
By eating sick and weak fish they prevent the spread of disease.

After decades of decline, the white shark population is slowly climbing, according to a 2014 study by the **National Oceanic and Atmospheric Administration**, but scientists say the species is still vulnerable to exploitation.

"If we continue to lose our sharks, there's not going to be any fish," Mr. Fischer said. "Those juvenile white sharks are the great balance keepers as they grow up."

If the Ocearch team can prove that the New York Bight is a great white nursery, it would be the first proven site in the North Atlantic, an addition to a small list of other known breeding grounds in places like eastern Australia, South Africa and Southern California, Mr. Curtis said.

The sheer size and strength of a great white shark makes it difficult for researchers to tag the fish, Mr. Fischer said. The MV Ocearch, a 126-foot vessel equipped with a 75,000-pound hydraulic platform, provides scientists with rare access to sharks. But catching them must come first.



At the stern of the boat on Sunday, a deck hand watched the five buoys for any indication that a shark might be biting the bait attached to the bottom of each one. A makeshift seal — which the crew named Chewy — dangled from a line off the back of the vessel, posing as prey for sharks.

Mr. McBride drove a tender boat around the vessel, fishing from farther away. If a shark were to latch onto his bait, he would lead it to the mother ship, which would lift it out of the water with its hydraulic platform. The team would have 15 minutes to tag the fish and perform all tests before releasing it into the water.

After scanning the waters from dawn until dusk, the team did not see any signs of a great white shark.

The crew members did, however, tag their first fish of the trip — a smooth dogfish, a small, gray-colored shark.

By tagging species like dogfish in addition to white sharks, the team will be able to better understand the interaction and movement among species.

Placing the flailing fish on top of a tank, the deckhand, **D. J. Lettieri**, 23, held it down as Mr. Fischer stuck a hose inside its mouth, the water flowing through the fish's gills to help it breathe.

**Dr. Harley Newton**, a veterinarian and the head of **Aquatic Health at the New York Aquarium**, cut a small incision in the dogfish's side, then placed an acoustic tagging device inside before stitching the incision closed.

After taking a blood sample, the crew members carefully released the fish back to its home in the water.

"Now we'll see when that shark shows up," Mr. Fischer said.

# THANK YOU FOR ALL THE GENEROUS DONATIONS TO THE SEPTEMBER AUCTION

## INDIVIDUALS

Bill Amely  
Kris Bevilacqua  
Nick Decillis  
Joe Degregoria  
Michael Gallo  
Joe Graffagnino  
Marty Karfinkel

David Manual  
Kay Martin  
Steve Matassa  
Scott Peters  
Dan Puleo  
Cap Streeter  
Peter Tubbs

Gary Vanderputten  
Denis Vardaro  
Eugene Vasquez  
Victoria (plants)  
Michel Weiner

## STORES & COMPANIES

- Absolutely Fish, West Clifton, NJ
- Aquarium Village, Westbury, NY
- Brooklyn Zoo & Aquarium, Brooklyn, NY
  - Monster Aquarium Inc., Flushing, NY
  - Pacific Aquarium & Pet, Manhattan, NY
    - TheShrimpFarm.com
- Thousand Island Aquarium, Brooklyn, NY
  - World Class Aquarium, Brooklyn, NY

## NEW BAS MEMBERS & RENEWALS SEPTEMBER 2016

### NEW MEMBERS

Joseph P. Weidel  
Peter Woltjen  
Christopher Gaines  
Peter & Barbara Tubbs  
Stephen & Richard Sussman

Jay Rogoff  
Cecil Ward Jr.  
Scott Mantel  
Forbes Baptiste  
Kai Wong

### RENEWALS

Gary Vanderputten  
Cecil Grimes  
Benjamin Basile  
Joshua Lanci  
David Fleary



The BAS thanks  
**Mark Marcheller**  
for his generous tax deductible donation to the Society.

The Brooklyn Aquarium Society is a federally registered 501(C) (3) nonprofit organization.  
Your gift is tax deductible to the fullest extent of the law.

# REGIONAL SOCIETY EVENTS - 2016

List your society events FREE in the monthly *BAS Bulletin*. E-mail a copy of your announcement to: [TODDYBAS@AOL.COM](mailto:TODDYBAS@AOL.COM) at least 1 month in advance of your event.



## CHECK ALL TIMES AND DATES BEFORE ATTENDING

If listed **TBA** (to be Announced), the Society has not gotten a speaker or has not updated their calendar of events.

### TUE. NOV 1 - PIONEER VALLEY AS

#### • TBA

Usually meets 1st Tuesday of the month at the **The First Congegational Church, 20 Lathrop St, West Springfield, MA @ 7:00pm**. Free parking in lot. Public welcome. For more information email: **Jacob Guinasso, jguinasso@pvas.net** or **Martha Morris, martha\_morris@hotmail.com**. For directions go to [pvas.net](http://pvas.net)

### WED. NOV 2 - GREATER CITY AS

#### • MICHAEL BARBER - THE PERFECT FISHROOM

Meets 7:30pm on the 1st Wednesday of the month at the Queens Botanical Garden, except for January and February. The public is welcome! Speakers, publication, bowl show, raffles, door prizes, refreshments, plant and fish auctions. For information, please contact **Claudia Dickinson** at: [ivyrose@optonline.net](mailto:ivyrose@optonline.net) or (631)-668-5125, or visit [www.greatercity.org](http://www.greatercity.org)

### THU. NOV 3 - BUCKS COUNTY AQUARIUM SOCIETY.

#### • JOSEPH FERDENZI - KILLIES DEMYSTIFIED

Meetings begin @ 7:30 pm. Doors open @ 7:00 pm on the 1st Thursday of every month except August, at The Churchville Nature Center, 501 Churchville Lane, Churchville, PA. Annual membership is \$20 for single membership, and \$10 for each additional family member who wishes to have voting privileges and the ability to participate in the BAP program. For directions, visit our web site: [bcasonline.com](http://bcasonline.com)

### FRI. NOV 4 - LONG ISLAND REEF ASSOCIATION

#### • TBA

Generally meets 1st Friday of the month @ 8:00pm at Acan Lighting, 75 Austin Blvd, Commack, NY 11725. For directions & info: <http://www.LongIslandReef.org>

### TUE. NOV 8 - NASSAU COUNTY AS

#### • TBA

Molloy College. 1000 Hempstead Ave., Rockville Centre NY @ 8:00pm. Meets 2nd Tue. of the month. Check web site for directions. <http://ncasweb.org/directions.php>. General meetings open to the public. Guest speakers, fish related events, raffles, mini-auction. Info: **Mike Foran (516)-798-6766**, or at [info@ncasweb.org](mailto:info@ncasweb.org)

### THU. NOV 10 - TROPICAL FISH CLUB OF BURLINGTON

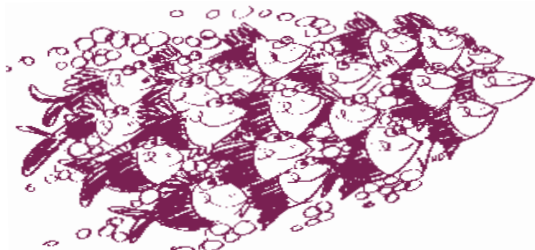
#### • TBA

Meetings are held the 2nd Thursday of the month at the VFW Hall, 73 Pearl St. in Essex Junction, VT starting @ 6:30pm. Free door prizes, bowl show (warmer months), monthly auction, fish discussions and a good time! New members are always welcome! For more information contact **David Banks** at [dbanks@together.net](mailto:dbanks@together.net) or [www.tfcfb.org](http://www.tfcfb.org)

### MON. NOV 14 - JERSEY SHORE AS

#### • BEHIND THE SCENES TOUR OF THE JENKINSON'S AQUARIUM THIS MEETING WILL MEET AT THE AQUARIUM AT 7PM

Meets the 2nd Monday of the month at the Knights of Columbus, 70 E. Main St., Freehold, NJ. @ 8pm. Speakers, auction rare & exotic fish, aquatic plants, door prizes. For more details: [www.jerseyshoreAS.org](http://www.jerseyshoreAS.org); or (732)-859-5595; [mws71@yahoo.com](mailto:mws71@yahoo.com)



### WED. NOV 16 - METROPOLITAN AREA KILLIFISH ASSOC. (MAKA)

#### • TBA

Meets 4th Wednesday of the month @ 8pm at the Meadowlands Environmental Center in Lyndhurst, NJ. Speaker and auction of fish eggs, plants and dry goods. Refreshments served. Info: [SLMACK@compuserve.com](mailto:SLMACK@compuserve.com)

### THU. NOV 17 - NORTH JERSEY AS

#### • TBA

Usually meeting held @ 7:45pm every 3rd Thursday of the month at the Quality Inn, 10 Polito Ave., Lyndhurst, NJ. NJAS one of the largest and most well respected aquarium clubs in North America. Since 1953, NJAS has provided a friendly outlet for the exchange of aquarium-related ideas and information and recognizes the accomplishments of local hobbyists. For more info: [www.njas.net/](http://www.njas.net/)

### THU. NOV 17 - NORWALK AS

#### • TBA

Meets the 3rd Thursday of the month @ 8:00pm at Earthplace, The Nature Discovery Center, 10 Woodside Lane, Westport, CT. Open to public. Info: [Norwalkas.org](http://Norwalkas.org)

### FRI. NOV 18 - LONG ISLAND AS

#### • GUY VAN ROSSUM - A FISH KEEPER GOES TO AUSTRALIA & MOOREA

Usually meets the 3rd Friday of the month. Meetings are now held at SUNY Stony Brook's Maritime Science area, Room 120 in Endeavor Hall (After you enter building, take hallway on the right. Room 120 is first room on the left) on the State University at Stony Brook Campus, Stony Brook, NY 11794. Doors open @ 7:30pm, meeting starts @ 8pm. Speakers, auctions, refreshments, free parking. For info. [www.liasonline.org](http://www.liasonline.org)

### TUE. NOV 22 - GREATER HARTFORD AS

#### • TBA

Meets 4th Tuesday of the month @ 7pm at the Lutz Children's Museum, 247 S. Main St. Manchester, CT. Call: (860)-643-0949

### FRI. NOV 25 - DANBURY AREA AS

#### • TBA

Meets 4th Friday of the month at 7:30pm at Laura Sprain Memorial Cornerstone park, 1 Fair St. Carmel, NY 10512 For more info: **Rich Litsky (845) 228-0372** or **Joe Masi (845)-896-4793** or [daas@notheastcouncil.org](mailto:daas@notheastcouncil.org)



The Brooklyn Aquarium Society Inc. is a non-profit organization 501(C) (3) for people interested in the aquarium hobby and the study of aquatic life. The Society meets the 2nd Friday of each month except July and August at the Educational Hall of the NY Aquarium at Coney Island, Surf Ave. at West 8th St., at 7:30 PM. Meetings are open to visitors. Membership is \$25 per year family, \$20 individual, \$15 for students under 18. Send inquires or membership checks to

Brooklyn Aquarium Society,  
c/o Membership Chairperson, P.O.  
Box 290610, Brooklyn, NY 11229-0011.

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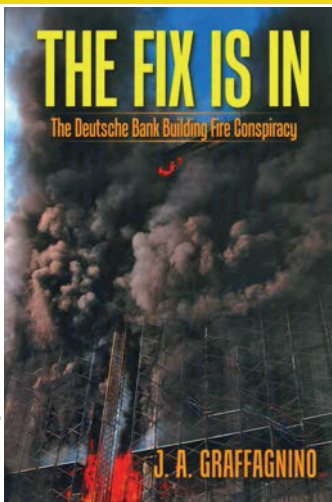


## JOE GRAFFAGNINO'S NEW BOOK ~ THE FIX IS IN ~

The fire that consumed the Deutsche Bank building was one of the worst fires in New York City's history. The 9/11 damaged building at 130 Liberty Street, near the apex of the World Trade Center, quickly became out-of-control and escalated into a seven alarm inferno that killed two firefighters, and injured 105. One of the firefighters

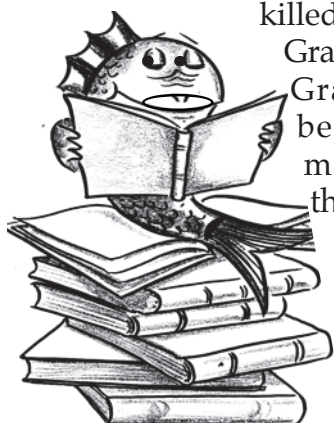
killed was author

Graffagnino's son. Graffagnino refused to believe what decision makers told the public – that the fire was an accident.



The brave men who entered that blazing inferno walked into a deathtrap – unknown internal fans spread the fire. Water outlets, both inside and outside the building were bone dry.

After eight years of relentless research in pursuit of the truth – interviewing firefighters on the scene, government officials, observers, whistleblowers and eyewitnesses – Graffagnino uncovered the disturbing truth about a calculated conspiracy that involved governmental agencies, corporate leaders and organized crime figures.



**Hard Cover \$32 - Soft Cover \$21 - Kindle/Nook \$4**

## FANTASY & HORROR SHORT STORIES

In addition to his fantasy/adventure novel "The Journey of Mary/Ma Li". His latest book has 13 short stories under the title of "Fantasy & Horror Short Stories". These 13 stories draw readers into a compelling web of intrigue and suspense. Some are funny, others sad, and still others capture

the inner conflicts that torment us yet hint at hope for a brighter tomorrow. Readers immediately identify with the bigger-than-life fictional characters that make us ponder our inner selves, fantasies, dreams and passions, and question how far we're willing to go to get what we want.

"Fantasy & Horror Short Stories" is available at all book retailers and is available in hardcover, softcover and electronic editions. **Amazon has it in Kindle and Barnes and Noble has it in Nook versions for \$3.99.**

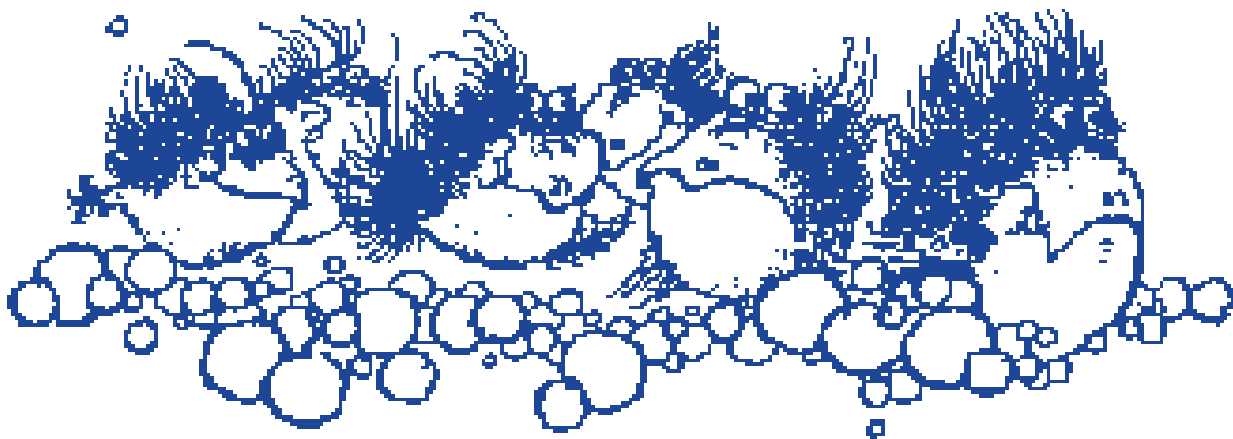
Please visit Joe's web site [www.JAGraffagnino.com](http://www.JAGraffagnino.com) to purchase either book, in any of the listed formats. Also visit his web site for contests, FREE giveaways and information about other soon-to-be-released works from the author.



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**C**heck out our new forum on our web site at [www.basny.org](http://www.basny.org) and click on **Forum** at the top right of the page. Registration is free and easy to all, so take advantage of this opportunity to ask your fish related questions, or just discuss whatever fish related topic you want like questions on filters, lights, pumps or anything else. There is even a place to sell or trade your fish, tanks or equipment. So help yourself and help us keep our forum going -- join today.

**Steven Matassa, BAS President**



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Hrs: Mon-Sat 11-9 • Sun 11-6

**PACIFIC AQUARIUM & PET INC.** in Manhattan's Chinatown carries ornamental goldfish, koi, freshwater fish, & aquatic plants. **BAS members get 10% discount with current membership card** (Discounts not to be combined with other specials). They have a full line of aquarium supplies, and you can order custom size tanks.

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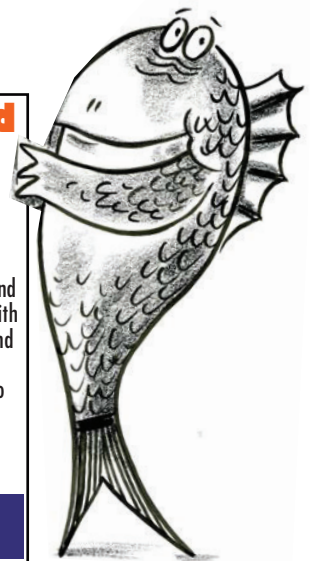
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**Free admission** to all general meetings, held on the 2nd Friday of the month (except July & August) at 7:30 pm at the New York Aquarium, at Coney Island, Surf Avenue at West 8th Street, Brooklyn, N.Y. The Society presents expert speakers on all aspects of the hobby, from freshwater fish to marine aquatic life. Door prizes and raffles at every meeting. Breeder Awards Program (BAP) – Certificates and trophies awarded. General meetings are open to the public (\$5 donation is requested for non-members). Free parking and free refreshments.

**Special Interest Groups** (SIGs) hold meetings, free at members' homes, for members only. Here's your chance to network with members with the same interests. Discuss, ask questions, learn, teach and develop your expertise in freshwater and/or marine aquarium keeping.

**Aquatica** *The Journal of the Brooklyn Aquarium Society*, our bi-monthly (5 issues except July & August) award winning publication is on our Web site. Each issue is filled with articles on both marine and freshwater aquaria keeping. Articles can be downloaded.

The **BAS Bulletin**. All members receive our monthly (10 issues except July & August) Newsletter, the *BAS Bulletin* via email, keeping members up to date on the latest events at the Society, notices of interest and monthly regional society events. All non-commercial members are entitled to a free classified want ad in each issue, to sell, give away or request fish or dry goods.

The **BAS is on-line at BASNY.ORG.**

You'll find up-to-date information about our monthly events, links to other aquarium societies in the US and stores, manufacturers and related aquarium sites. We have an on-line library with downloadable articles. We have our own BAS forum, where you can interact with other freshwater, marine or reef members and post free hobby-related classifieds where members sell and trade fish, corals, plants and equipment.

**BAS Hotline:** For the latest information call the BAS 24 hour Hotline 718 837-4455 for event and inclement weather information. If you need advice on fish keeping, breeding or where you can find rare or hard to find fish, you can often get help calling the Hotline. Help from the Hotline is always free.

**Volunteer:** The Brooklyn Aquarium Society is an organization run by volunteers. Without them there would be no BAS. Volunteers help set up events, write articles, coordinate projects, assist and work on committees, help at auctions and meetings. Join in, help, learn and have fun doing it. Call **Steven Matassa**, President (718) 238-1792.

**Video Tape Library:** We have a video tape library on different aspects of fish care and breeding plus past BAS Speaker Events. These video tapes are available for a small fee for members (a refundable deposit is required on each tape. A small mailing and handling fee is deducted from this fee). You may borrow tapes for 30 days. You cannot copy them.

**Discounts for members** at many BAS participating pet stores when you present your current BAS membership card.

Welcome and we hope you take advantage of the many benefits BAS has to offer.

The Officers & Board of the Brooklyn Aquarium Society

**Educating Aquarists Since 1911**

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**P.O. BOX 290610, BROOKLYN, NEW YORK 11229-0011**



Meetings are held at the NY Aquarium Education Hall on the 2nd Friday of the month at 7:30pm. Knowledgeable speakers on fish care and culture, door prizes, raffles, and fish auctions. All meetings are free to members. Visit us on line: [WWW.BROOKLYNAQUARIUMSOCIETY.ORG](http://WWW.BROOKLYNAQUARIUMSOCIETY.ORG)

NAME \_\_\_\_\_ OCCUPATION \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE (DAY) \_\_\_\_\_ (EVE) \_\_\_\_\_ (FAX) \_\_\_\_\_

E-mail Address \_\_\_\_\_

TYPE & LENGTH of MEMBERSHIP: (CHECK ONE)

INDIVIDUAL				FAMILY				[ ] \$15 STUDENT 1 YEAR
1yr.	2yr.	3yr.	4yr.	1yr.	2yr.	3yr.	4yr.	(UNDER 18 YEARS)
\$20	\$36	\$51	\$68	\$25	\$45	\$63	\$85	

\*If family membership, please list all family members. Only first two listed will have voting rights.

1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_

Number of tanks [ ] marine [ ] freshwater [ ] Do you breed fish?  
 [yes] [no]

If yes, what types do you breed: \_\_\_\_\_

Special interest (if any) \_\_\_\_\_

How did you hear about BAS [friend] [dealer] [flyer] [Aquatica] [mag ad] [online] other \_\_\_\_\_

To volunteer check [yes] [no] A board member will contact you if you check yes.

On occasion, the Brooklyn Aquarium Society uses its mailing list to send notices of interest to our members.

If you **DO NOT** wish to receive these mailings please check here [ ]

#### Official use

Member number: \_\_\_\_\_ Type of membership [F] [I] [S] Date paid: \_\_\_\_\_  
 Board approved date \_\_\_\_\_  
 Amount paid: \_\_\_\_\_ Renewal/member since \_\_\_\_\_