

107 Years of Educating Aquarists

BAS BULLETIN

Brooklyn Aquarium Society Monthly Online Newsletter

VOL. 21

DECEMBER 2018

No 10

FRIDAY, DECEMBER 14 @ 7:00 PM

The Brooklyn Aquarium Society Presents

The BAS HOLIDAY PARTY

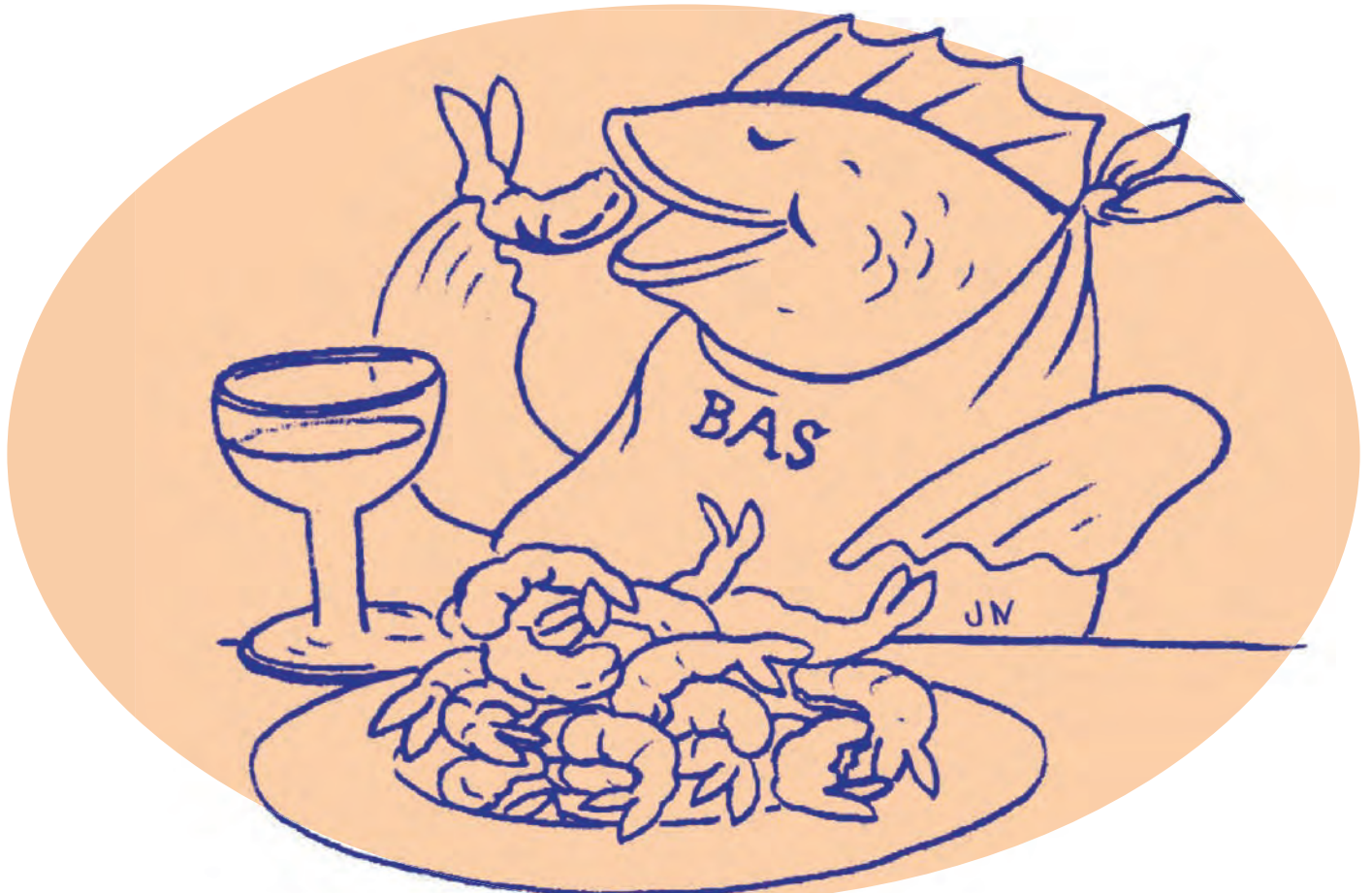
WILL BE AT THE

Flaming Grill & Modern Buffet

3839 Nostrand Ave. b/t Ave. Y & Ave. Z

Sheepshead Bay, Brooklyn

[See page 2 for all the details]



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

107 Years of Educating Aquarists

The President's Message



November brought in cold wind and lots of rain but we were warm and dry with our guest speaker **Greg Sage**. Greg came in from Colorado (yes, his arms were tired from flying that far), and he gave us a very interesting topic for the evening – *"Selective Breeding."* Greg runs an interesting wholesale/retail fish business called **Select**

Aquatics. You can check out and buy fish from him on his website, www.SelectAquatics.com. Greg also has a plethora of YouTube videos on "how to" with various aquatic topics. You can reach Greg via email at selectaquatics.com. Greg concentrated on culling fish and separating the most colorful or those with traits, such as higher fins or longer/colorful tails and retain those specimens to breed and have better stock of fish. It was a great presentation and an educational experience.

November was our semi-annual 50/50 on livestock. We had many bags of high quality freshwater fish, marine fish, both fresh and marine plants and invertebrates, along with hard to get live corals. Many attendees went away with great bargains. We had aquariums, lighting, pumps, filters and aquatic supplies and food. Everything you need to keep and maintain your aquatic creatures with the best of everything to keep them happy and healthy.

All this would not be possible without our sponsors, such as local stores and manufactures. When you go to local pet shops let them know you're a BAS member. They need to know we're giving back to them. We also have many members donate to our club every meeting. If you have old tank, equipment (that still functions), or healthy livestock that you wish to donate you can bring them to any meeting.

Our next meeting is our **Holiday Party on December 14**, from 7 -10 pm at the **Flaming Grill, Nostrand Ave., between Ave. Y & Z**. Please see the details on page 2. There is no regular meeting and no fish, just

good friends and family gathering for holiday festivities. Hope to see you there.

New BAS shirts arrived and they were selling like hotcakes! Many of you noticed that the BAS officers and Board members wore the regular BAS shirt with the word TEAM on the back. We did this to identify our members that work and help organize our events. We also have new BAS hats in a light blue color.

I must ask for our members' help – **our Treasurer had to leave due to personal reasons. Please, if you have experience in accounting, we need your help.**

Also, we are looking to rent a garage, street level, to hold our BAS equipment and supplies. If you have something reasonable, please let us know.

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! Please let us know what you want and why, because it 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 website at WWW.BROOKLYNAQUARIUMSOCIETY.ORG. Members who wants to attend a Board meeting, which are held at the 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**

THE HOLIDAY PARTY



Brooklyn Aquarium Society Holiday Party will be at the **Flaming Grill, 3839 Nostrand Ave. B/T Ave., Y & Z, Brooklyn NY**

This is an all you can eat buffet with Asian, Spanish and American foods plus plenty of sushi and desserts on the menu.

We will have our own private room.

Friday, December 14, 2018 from 7 - 10 pm

Parking is available in front mini mall parking or roof parking

at Aldi's supermarket. DO NOT USE bank parking lot on Ave. Z.

BAS is picking up part of the cost so it's only \$15 - per/person.

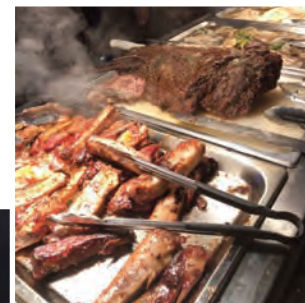
We will have our awards ceremony to thank our sponsors, donators, Board members and regular members. Members, family and friends come and enjoy with us!

We must know if you plan on attending our Holiday bash...so please contact:

Marie Licciardello, 718-377-7749 or Steve Matassa, 347-277-4793 or Joe Graffagnino, 917-922-5108



BASIC DIRECTIONS: from the Belt Pkwy take Exit 9 for Sheepshead Bay towards Knapp St. Merge onto Shore Pkwy, turn left at Coyle St. Turn right at the 1st cross street onto Emmons Ave., turn right after Best Western Plus Hotel (on right) the Flaming Grill will be on the right.



Brooklyn Aquarium Society

CALENDAR OF EVENTS 2018-2019

**we wish you all
a great
Holiday!**



DEC 14 Holiday Party ~ Members, Their Families & Friends • BAS awards presentations.

2019

JAN 11 Dr. Timothy Hovanec, Tim's Aquatics - Modern Day Approach to Aquarium Chemistry Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

FEB 8 Joseph Graffagnino - A Pond Grew in Brooklyn ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

MAR 8 Richard Ross - Coral Spawning and Secore ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

APR 12 Ralph Chi of Pacific Aquarium & Pets, Inc. Topic TBA ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

MAY 10 Giant Spring Auction ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a brand new 55-gallon tank & stand.

JUN 14 Speaker from House of Fins - Topic TBA ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

NO MEETINGS JULY & AUGUST

SEPT 13 TBA ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

OCT 11 Giant Fall Auction ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a brand new 55-gallon tank & stand.

NOV 8 Lou Ekus (Tropic Marin) - Reef Chemistry Made Easy ~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

DEC 13 Holiday Party ~ Members, Their Families & Friends • 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.

Regional Society Events

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. Please check their web site for more information.

SUNDAY DECEMBER 2 - NORTH JERSEY AS • HOLIDAY PARTY @ Don Pepe, Newark, NJ

Meets the 3rd Saturday of the month 12:30pm sharp at the Clark Public Library Union County just off the Parkway at exit 135. 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.
Info: www.njas.net/

TUESDAY DECEMBER 4 - PIONEER VALLEY AS • TBA

Meets 1st Tuesday of the month at The First Congregational Church, 20 Lathrop St, West Springfield, MA @ 7:00pm. Free parking in lot. Public welcome.
Info: Jacob Guinasso, jguinasso@pvas.net or Martha Morris, martha_morris@hotmail.com. or pvas.net

WEDNESDAY DECEMBER 5- GREATER CITY AS • HOLIDAY PARTY - GEORGIA DINNER, ELMHURST, NY

Meets the 1st Wednesday of the month @ 7:30pm 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.
Info: Claudia Dickinson at: ivyrose@optonline.net or (631)-668-5125, or www.greatercity.org

THURSDAY DECEMBER 6 - BUCKS COUNTY AS

• TBA
Meets the 1st Thursday of the month except August. Meetings start @ 7:30pm doors open @ 7:00 pm, 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.
Info: bcasonline.com

FRIDAY DECEMBER 7 - LONG ISLAND REEF ASSOCIATION • HOLIDAY PARTY - LONG ISLAND AQUARIUM 7 PM - 10 PM

Meets the 1st Friday of the month @ 8:00pm at Acan Lighting, 75 Austin Blvd, Commack, NY 11725.
Info: <http://www.LongIslandReef.org>

MONDAY DECEMBER 10- JERSEY SHORE AS • HOLIDAY PARTY

Meets the 2nd Monday of the month at the South Wall Fire Rescue Co., 2605 Atlantic Ave., Manasquan, NJ. @ 7:30pm. Speakers, auction rare & exotic fish, aquatic plants, door prizes.
Info: www.jerseyshoreAS.org; or (732)-859-5595 or mws71@yahoo.com

TUESDAY DECEMBER 11 - NASSAU COUNTY AS • TBA

Meets the 2nd Tuesday of the month at Molloy College, 1000 Hempstead Ave., Rockville Centre NY @ 8:00pm. 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 or <http://ncasweb.org/directions.php>.

THURSDAY DECEMBER 13- TROPICAL FISH CLUB OF BURLINGTON • TBA

Meets the 2nd Thursday of the month at the VFW Hall, 73 Pearl St., Essex Junction, VT. Meetings start @ 6:30pm. Door prizes, bowl show (warmer months), monthly auction, fish discussions and a good time! New members are welcome!
Info: David Banks at dbanks@together.net or www.tfcb.org

THURSDAY DECEMBER 20 - 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

FRIDAY DECEMBER 21 - LONG ISLAND AS • HOLIDAY PARTY

Meets the 3rd Friday of the month 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 @ 8:00pm. Speakers, auctions, refreshments, free parking.
Info: www.liasonline.org

TUESDAY DECEMBER 25 - GREATER HARTFORD AS • NO MEETING

Meets 4th Tuesday of the month @ 7:00pm at the Lutz Children's Museum, 247 S. Main St., Manchester, CT.
Info: (860)-643-0949

TUESDAY DECEMBER 25 - BIG APPLE GUPPY CLUB • NO MEETING

Meets: the last Tuesday each month (except Jan, Feb, July, and August) @ 7:30 to 10:00pm. Alley Pond Environmental Ctr., 228-06 Northern Blvd., Queens, NY.
Info: Donald Curtin (718) 631-0538 or twindon1@aol.com

WEDNESDAY DECEMBER 26 - METROPOLITAN AREA KILLFISH ASSOC.

• TBA
Meets 4th Wednesday of the month @ 8:00pm at the Meadowlands Environmental Center, Lyndhurst, NJ. Speaker and auction of fish eggs, plants and dry goods. Refreshments served.
Info: SLMACK@compuserve.com

FRIDAY DECEMBER 28 - DANBURY AREA AS • TBA

Meets the 4th Friday of the month @ 7:30pm at Laura Sprain Memorial Cornerstone park, 1 Fair St. Carmel, NY 10512.
Info: Rich Litsky (845) 228-0372 or Joe Masi (845)-896-4793 or daas@northeastcouncil.

Coming Events

EXHIBITIONS, AUCTIONS & CONVENTIONS

DECEMBER 2 - GREATER CHICAGO CICHLID ASSOCIATION SWAP MEET held at the Marriott Hoffman Estates, 4800 Hoffman Blv. Hoffman Estates, 60192. This Swap Meet is a great place to buy fish, plants, food, equipment and more! Buy directly from the breeder and make your best deal! Four times a year these fish swaps have the largest selection of fish available in the Midwest. Find fish that you can't find at any local fish store. This is the one biggest. Most vendors sell fish that they raise themselves. Most vendors sell fish that they raise themselves. Arrive early for the best selection! Buy from 10 am to 2 pm.
For info: <http://www.gcca.net>

JANUARY 13 - DANBURY AREA AQUARIUM SOCIETY 34th ANNUAL AUCTION held at the Knights of Columbus Hall #6318, 10 Fair St. Carmel, NY 10512. All species of fish, aquarium equipment and related goods auction. Registration 8:30 am - 11:14 am. Viewing of lots 10 am - 11:15 am. Auction starts 11:30 am - 5 pm. There will be a 50/50 raffle. Food & Refreshments will be available.

For info: Rich Litsky 845-721-0783 or Joe Masi 845-896-4793 or Web www.northeastcouncil.org/daas Email: <mailto:joemasila@gmail.com>

JANUARY 26 - TROPICAL FISH & PET SHOW held at the Roadway Inn & Suites, 2440 West State, Rod 84, Ft. Lauderdale FL 33312. Event starts at 10 am to 5 pm. Family admission - \$10, Adult - \$5, Children - \$2. Tropical fish show, kids' activities, international betta show, manufactures displays, aquarium fish & plants, coral, supplies for sale and much, much more.
For info: Vadim 1 305-332-5855

FEBRUARY 15, 16, 17 - CAPITAL CICHLID ASSOCIATION'S BIG FISH DEAL held at the Hyatt Regency, Metro Center, 1 Bethesda, MD 20814 Events: Aquarium supplies and equipment, Auctions, Conventions, Exhibition, Fish and aquatic plants, Freshwater, Speakers, Tropical Fish, Vendors.
For info: capitalcichlids.org

FEBRUARY 17 - PIONEER VALLEY AQUARIUM SOCIETY ANNUAL AUCTION held at Loyal Order of Moose Hall, 244 Fuller Rd., Chicopee, MA 01020. Doors open at 9:00 am for viewing and vendor registration Free Admission! Everyone is Welcome. Giant Auction of Live Tropical Fish, Aquatic Plants, and Dry Goods Door Prizes. Silent Auction. Raffles. 50/50 Cash Raffle! Bring the Entire Family and Enjoy the Day with New and Old Friends!
For info: www.pvas.net/

MARCH 2 - NEW ENGLAND FRAG FARMER'S MARKET held at Smith High School, 1235 Storrs Rd. Storrs, CT 06268. Event Categories: Coral Exhibition, Frag Swaps, Raffles, Saltwater & Tropical fish vendors.
For info: Email: swansonjl@hotmail.com or visit web site www.eo-smithcoralproject.org/index.html

APRIL 12-14 - NORTHEAST COUNCIL 44th ANNUAL CONVENTION held at the Red Lion Hotel, 100 Berlin Rd, Cromwell, CT 06416. One of the country's premier tropical fish hobby event, with an all-star speaker line-up: Eric Bodrock, Ken Boorman, Rosario LaCourt, Dr. Paul Loiselle, Regina Spotti and more speakers to be scheduled. The exciting schedule includes: Fish shows
• Nano tank contest • Photo contest • Vendor hall



• Trade displays • Club swap meet • Silent auctions • Live Auctions • Symposia • Hospitality suite and Awards banquet.
For info: www.northeastcouncil.org

MAY 23-24-25-26 - AMERICAN LIVEBEARER ASSOCIATION 2019 CONVENTION held at the Crowne Plaza, [Louisville Airport] 803 Phillips Lane, Louisville, KY. Event Categories: Auctions, Conventions, Fish and aquatic plants, Freshwater, Livebearers, Speakers, Trade Show, Tropical Fish, Vendors. Hosted by Louisville Tropical Fish Fanciers.
For info: <http://ltff.net/>

JUNE 20-21-22-23 - INTERNATIONAL BETTA CONGRESS SHOW & ANNUAL MEETING held at the Atrium Hotel & suites, 4600 W. Airport Fwy, Irving, TX 75026. Event Categories: Bettas, Club Meetings, Conference, Exhibition, Fish Shows, Freshwater Tropical Fish.
For info: <http://www.ibcbettas.org/>

AUGUST 30 - SEPTEMBER 1 - MARINE AQUARIUM CONFERENCE OF NORTH AMERICA 2019 [MACNA] held at the Walt Disney World Swan & Resort, Florida. The Conference Tickets include: 3-day access to the Exhibit Floor, Speaker Access, Workshop Access, Meet-up Access, Friday Night Reception, and Saturday Night Banquet Tickets start at just \$139 (chicken/vegetarian) and \$154 (beef). This early bird pricing will not be available for long, so book early! Our #MACNA2019 rates include the resort fee and start at \$175 per night, so don't believe the prices you see on the internet which will charge you more at checkout. All reservations for rooms through MACNA.org are held with your credit card, but the deposits are not charged until August 1, 2019.
For info: macnaconference.org



News & Notes

Educating Young Aquarists in Brooklyn

The Brooklyn Aquarium Society's motto is *Educating Aquarists*. Our endeavors to accomplish this are found in everything we do. From our general meetings, our exceptional guest speakers, our installation of aquariums in schools and community centers and at school educational outings. Allow me to relate a recent experience that demonstrates mutual enjoyment along with the exchange of ideas where everyone benefits learning from each other.

An invitation to participate at Career Day by **Miss Casey** at a trendy East Williamsburg Bridge Magnet School, Public School 196K, at 207 Bushwick Ave., Brooklyn, New York came as an enjoyable surprise.

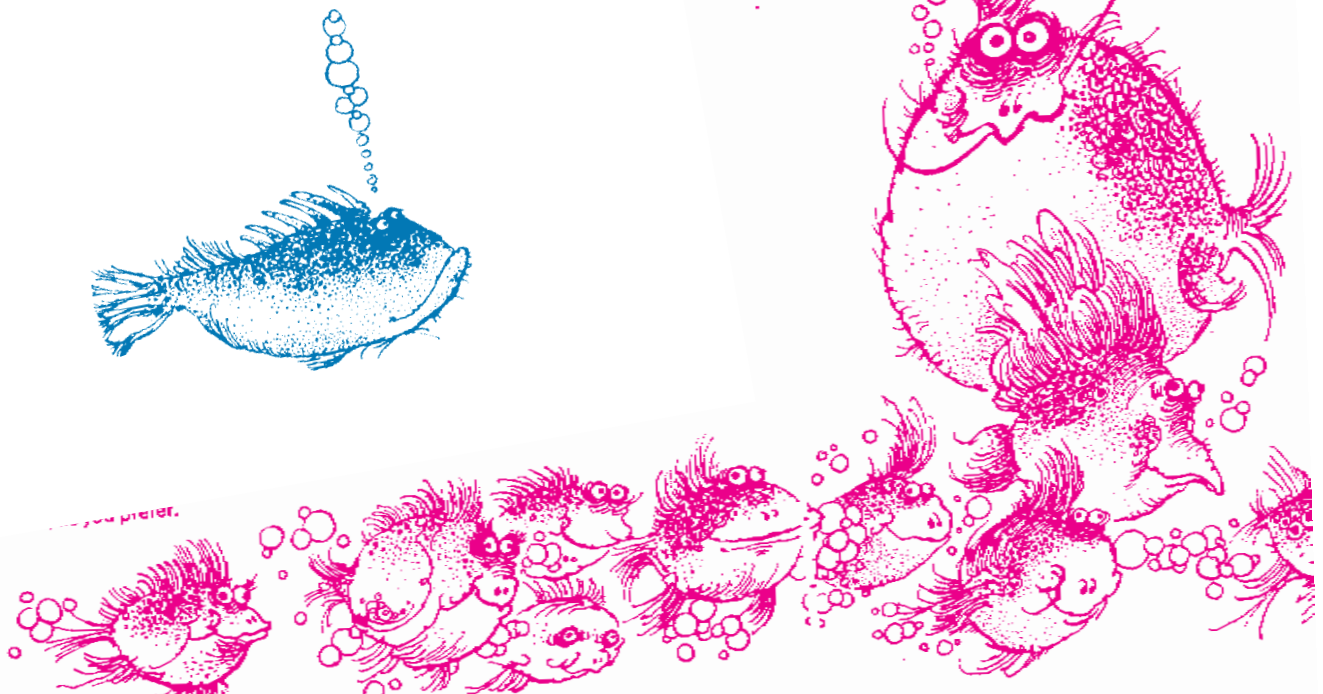
Since the Brooklyn Aquarium Society is an educating organization I was able to bring aquatic information to the children. The students receive a well-rounded education and individualized attention from their teachers. The children exhibited great enthusiasm for learning.

When I walked into the building and registered, a knowledgeable first grader was assigned as my escort. He led me to my assignment; to educate a combined class of children in aquatic environments.

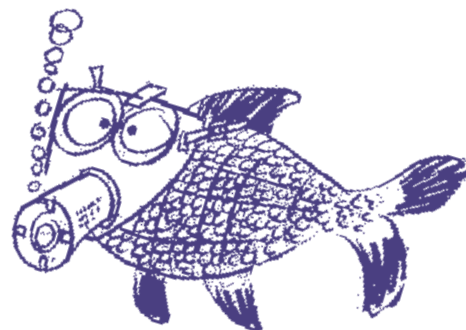
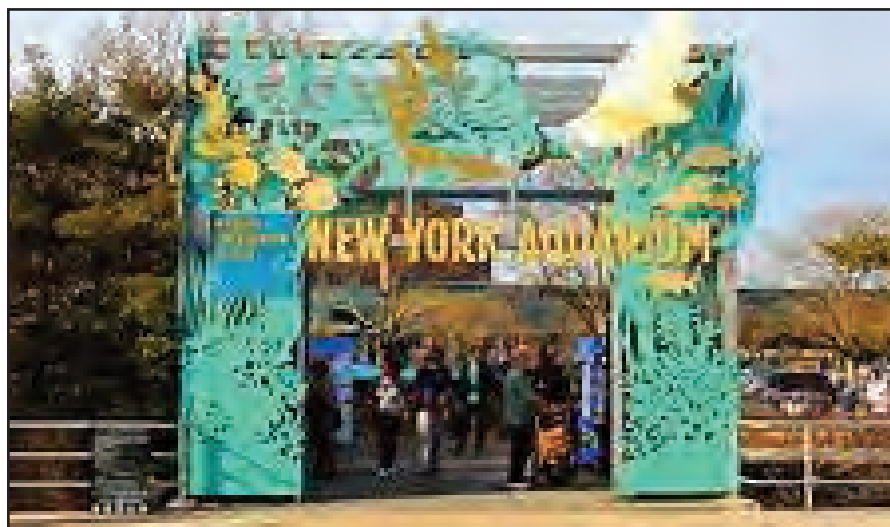
We discussed tropical fish's water conditions and their habits. The children's interest in this subject matter was unbelievable. We also had the opportunity to exchange ideas on other pets such as dogs, cats, frogs, and turtles. It certainly was a fruitful day for exchanging ideas and learning from each other.

**Marie Licciardello,
2nd Vice-President**

Marie



News & Notes



OCEAN WONDERS AT THE NY AQUARIUM

SHARKS Over 115 marine species, 18 different kinds of sharks and rays, an unforgettable experience. The Donald Zucker and Barbara Hrbek Zucker Ocean Wonders: Sharks! the exhibit brings some of the most misunderstood animals out of the depths and nose-to-nose with you!

CORAL REEFS Sometimes tunnel vision is a good thing. Like when it puts you smack dab in the middle of this colorful coral reef, surrounded by blacktip reef sharks, butterflyfish, and zebra sharks swimming above you.

DAILY SCHEDULE

10:00 AM - Aquarium Opens
10:30 AM - Penguin Feeding 15 minutes
11:00 AM - Aquatheater Show 15 minutes
11:30 AM - Sea Lion Feeding 15 minutes
11:45 AM - Harbor Seal Feeding 15 minutes

1:00 PM - Aquatheater Show 15 minutes
1:30 PM - Otter Feeding 15 minutes
2:45 PM - Harbor Seal Feeding 15 minutes
3:00 PM - Sea Lion Feeding 15 minutes
3:15 PM - Aquatheater Show 15 minutes

4:00 PM - Penguin Feeding 15 minutes
4:00 PM - Last Entry
5:00 PM - Aquarium Closes

TO BE AUCTIONED OFF AT THE JANUARY EVENT

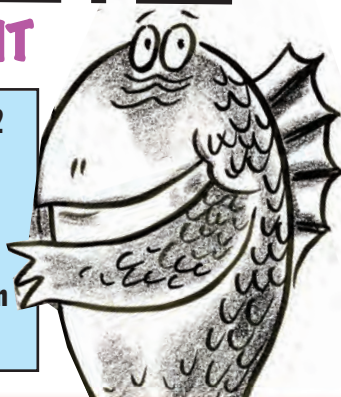
MANHATTAN AQUARIUMS donated a used 330-gallon aquarium that has 1 -1 1/2 inch thick Starfire glass.

There is a chip at the top but the tank doesn't leak.

The dimensions are 48"L x 34"W x 48"H. The cost of the tank is over \$11,000.

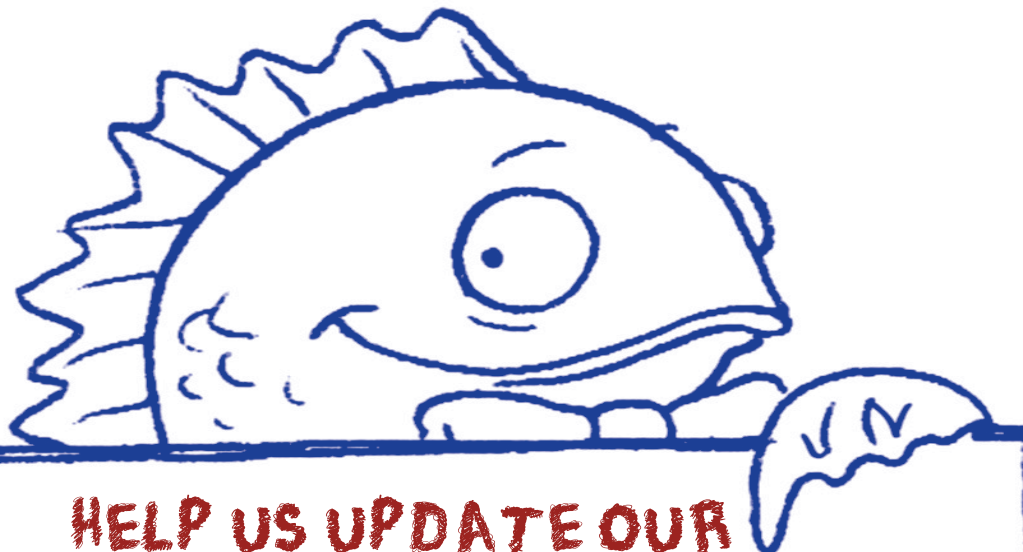
We plan to start the bidding at \$200.

The winner must pick up the tank at Manhattan Aquariums warehouse within 2 weeks of purchase. **GOOD LUCK!**



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.

News & Notes



HELP US UPDATE OUR ARCHIVES

We need someone who can edit the videos we make at our speaker events and upload them to our account on Vimeo.

Please contact Joe at (917) 922-5108.

We have an archive of our guest speaker videos from as far back as 1995. We make these videos so that members who could not attend the meeting or wish to refresh their aquatic skills can watch and learn from the speaker's topic.

Our mission since 1911 is Educating Aquarists!

BAS MEMBERS CAN BUY & SELL ON THE BAS FORUM

Any BAS member can place a **free** ad to sell or to buy any fish type item. The item to sell or buy is to be entered into the BAS Forum which is located on our BAS website: <http://WWW.BrooklynAquariumSociety.org>. The Forum entry point is located on the top right side of our websites main page.

News & Notes

Holiday Gift Ideas



Hikari® proudly introduces their long-awaited Canadian Mysis Shrimp cubes. These freshwater mysis shrimp, harvested from the glacier-fed waters of Lake Okanagan, make them ideal for most larger marine and freshwater fish. Naturally gut-loaded with natural algae and high in phospholipids, which help unlock the amino acids for use by your fish, these meaty shrimp offer a fantastic feeding option. Add in our 3-Step Sterilization process, Bio-Encapsulated multi-vitamin enriching, pure water packing, and proprietary freezing process, and you have a vast improvement over prior Canadian Mysis Shrimp offerings. Best of all, this freshwater species helps marine fish complete the osmotic process using less energy and offers freshwater carnivores a meaty treat they will love. You've come to trust the Hikari® Bio-Pure® line of frozen foods for superior cleanliness, exceptional nutritional benefits, and

outstanding product quality; this is another option your fish will eagerly enjoy.

For more information, contact Hikari Sales USA, Inc. (800) 621-5619 or fish@hikariusa.com.

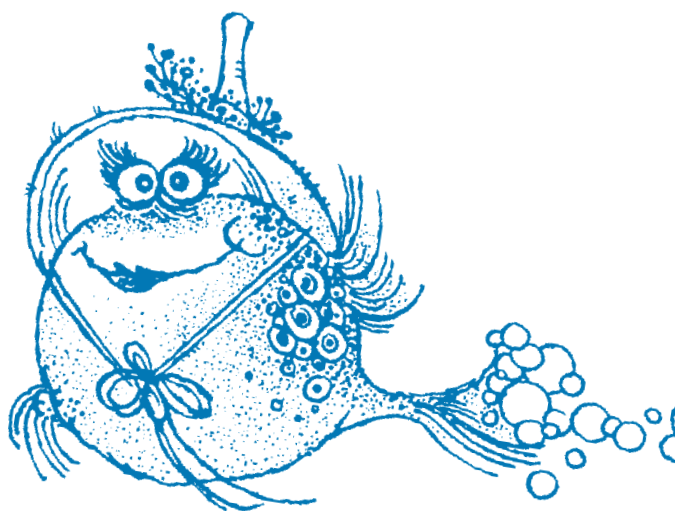


At Swiss Tropicals, customers often asked about an option to use specialty media such as carbon, peat, various bio-media, or buffering stone in our filters. While Mattenfilter and Cornerfilter can accommodate various media behind the sheet in a media bag, with the flow through them is not always optimal. We sought a better solution.



So we went to work with our local supplier that makes our TBF filter-base in Minnesota to produce the BetterBoxFilter. We prefer the fewest

parts possible, made with excellent quality. We developed an injection-molded black food-grade polypropylene (PP) box, combined with a custom-made Jetlifter, and our proven Poret foam. The resulting 3-piece BetterBoxFilter (BBF) has no moving parts and is air-driven. The BBF requires ~50 L/h of air to move ~200 L/h water.



News & Notes

Holiday Gift Ideas

Current USA has introduced a new unified LED aquarium lighting system called Serene. One notable aspect is the inclusion of adjustable background LED lighting, offering a design aesthetic first encountered in the freshwater planted aquarium and aquascaping competition communities.



While Serene is promoted as a freshwater aquarium lighting system capable of growing low to moderate light-level aquarium plants, there's no reason this couldn't also be leveraged for use in reef aquariums or high-intensity freshwater planted aquarium applications as an aesthetic lighting enhancement, augmenting the workhorse lighting systems intended to fuel more light-hungry coral and plant growth.



From ZooMed: Paludariums are a window into nature that fit perfectly in your home or office. Blending together a nano aquarium on the bottom and a terrarium on top, paludariums build a home for reptiles, fish, and plants to live in harmony.



plants soak in refreshingly clean water with the submersible Paludarium Filter that keeps up to 20-gallons of water pure from dirt and debris. Accommodate tropical species of aquatics by adjusting the water temperature anywhere from 68-93°F (20-34°C) with the Paludarium Heater. For your landlocked life, place the Paludarium Stand in your habitat and effortlessly assemble up to 22 pounds (10 kg) of greenery to maximize the distance your arboreal pets can roam in their habitat.

Top your enclosure with the Paludarium UVB & Plant Growth Lighting Kit. It comes with an LED light to stimulate the growth of live plants and enhance the colors of your reptiles, and a UVB light for animal health.

This new line of Paludarium products can be used in either of Zoo Med's Paludarium Enclosure sizes: 12"x12"x24" with a 4-gallon water feature or 18"x18"x36" with a 10-gallon water feature.



A subscription to **Amazonas** is a welcome holiday gift.

1 year (6 issues) is \$29

2 years (12 issues) is \$49

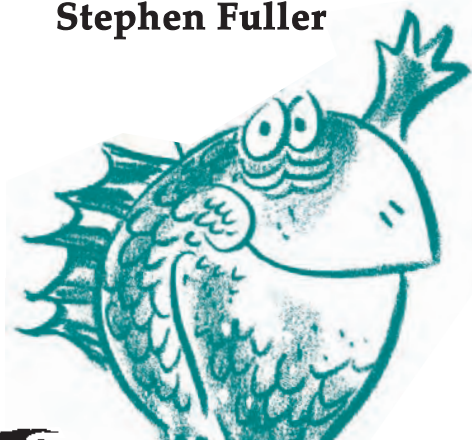
Our Thanks to the Following for their Generous Donations to the November Auction

People

Bill Amely
Matt Caputo
Bob Conroy
Nick DeCillis
Frank DeLuca
Serena Duenas
Stephen Fuller

Lita Goldberg
Joe Graffagnino
Tomas Jamciauskas
Jeff Kaye
Gene & Ed Kogan
Marie Licciardello
Ray Lopinto

Steve Matassa
Kai Nguyen
Scott Peters
Greg Sage
Al Turco
Frank Turco
Denis Vardaro



Stores & Mfg.

- Brooklyn Zoo & Aquarium, Brooklyn, NY
 - Monster Aquarium, Queens, NY
- Pacific Aquarium & Pet, New York, NY
 - Select Aquatics, Erie, Colorado
 - Tropical Showcase, Hicksville, NY

NEW BAS MEMBERS & RENEWALS NOVEMBER 2018

NEW Members

Elizabeth Ionelli

Greg Sage

Kevin Tim Kee

Renewals

Curt Cocalas,
Don Lan G

Judy Maitland
Kay Martin

Walter Chow

THANK YOU FOR YOUR GENEROUS TAX DEDUCTIBLE DONATIONS

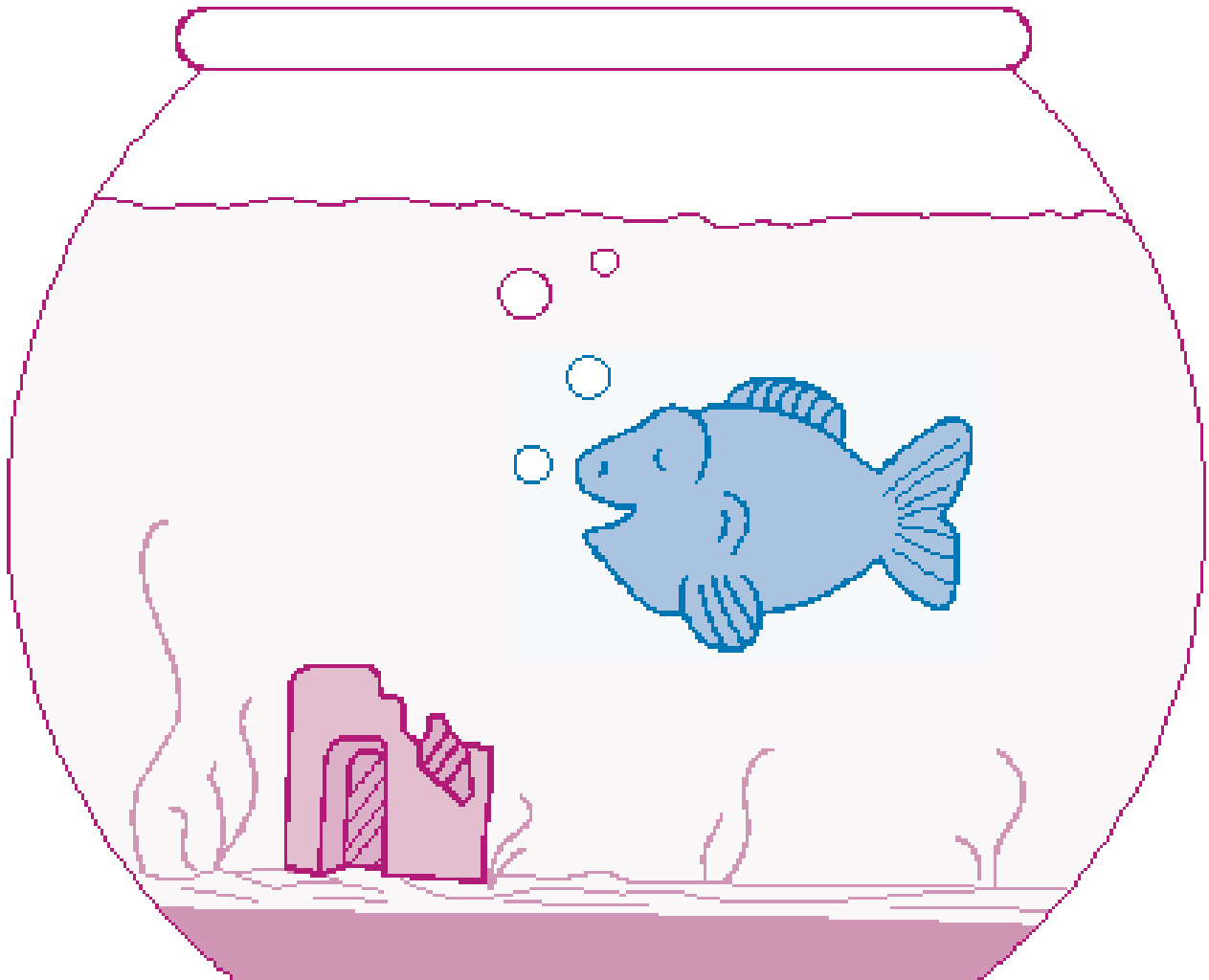
Angela Lazaro
for donating a 75-gallon aquarium with a wood stand.

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.

Tip Of The Month

Coral fish are very territorial and will stake out a living space in your reef aquarium. This makes keeping shoals difficult, in many cases, because the fishes are intolerant of other members of the same specie although they rarely regard different “neighbors” as a threat. So, make sure you know the normal habitats of the fish you are going to keep in your reef tank.

Always provide as many hiding places among the corals in your tank for reef fish.



Shirts, Hats & Patches

NEW BAS T-SHIRTS

SMALL TO XL **\$10** EACH

PRICE VARIES ON XXL & LARGER SIZES

Historic
Brooklyn Aquarium Society
logo in gold on navy blue
short sleeve T-shirt.
White lettering states the
society's mission...

**Educating
Aquarists
Since 1911**



A FEW BLACK BAS T-SHIRTS LEFT

BACK



FRONT



OFFICIAL CAP.
Blue with
embroidered gold
BAS insignia.
One size fits all.
\$10 each

OFFICIAL
BAS embroidered
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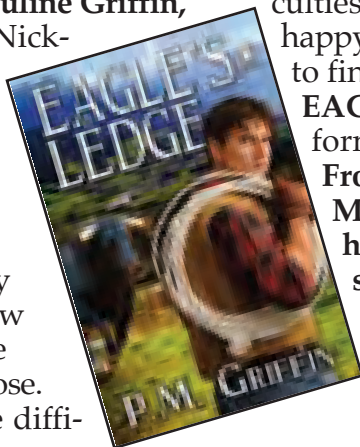


Books By Our Talented Members

P. M. GRIFFIN

P.M. Griffin, better known to us as **Pauline Griffin**, lives in Brooklyn, N Y, with her cat Nick-olette and two tropical fish aquariums and devotes just about every 'spare' moment to writing, research, and reading.

Pauline is an award winning well known science fiction and fantasy writer with some 28 novels and story collections under her belt. She has now branched out and written a romance novel, featuring two farms, one purpose. Two hearts, one love, but there are diffi-



culties in plenty to challenge any hope of a happy conclusion. You have to read this novel to find the answer.

EAGLE'S LEDGE is available in electronic format from the following sources:

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JOE GRAFFAGNINO

Ma Li & Mary



A bet between a demon and an angel created the existence of Ma Li, a 15th century warrior priestess and Mary, a 20th century Taoist priestess. The trials and experiences these two women endured; the battles they fought and the people they met in their travels were merely guideposts along their preordained path. Separated by five centuries the connection they shared survived and strengthened.

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Mary Petrovich's mother was a Sioux Indian cryptologist working for the U.S. government in Moscow, and her Russian Secret Police father, were forced to flee to Chicago to escape Soviet and American government agents in the 1980's. They took refuge with her Uncle, a crazed, sadistic gangster. He murdered her parents and repeatedly beat and raped her before she escaped at the age of twelve.

• Local book stores have it as well as **Amazon, Barnes and Nobles** and my publisher **AuthorHouse**. Soft cover is priced at \$13.99 and Kindle/Nook version at \$3.99. I will bring some to the next meeting for those who want autographed copies.

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.JA-Graffagnino.com to purchase either

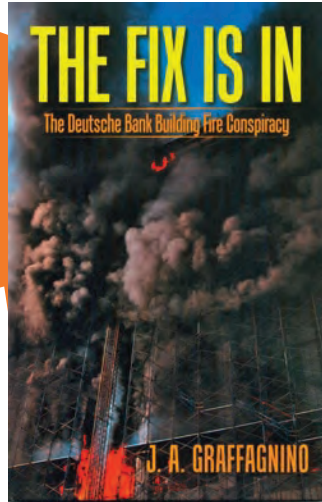
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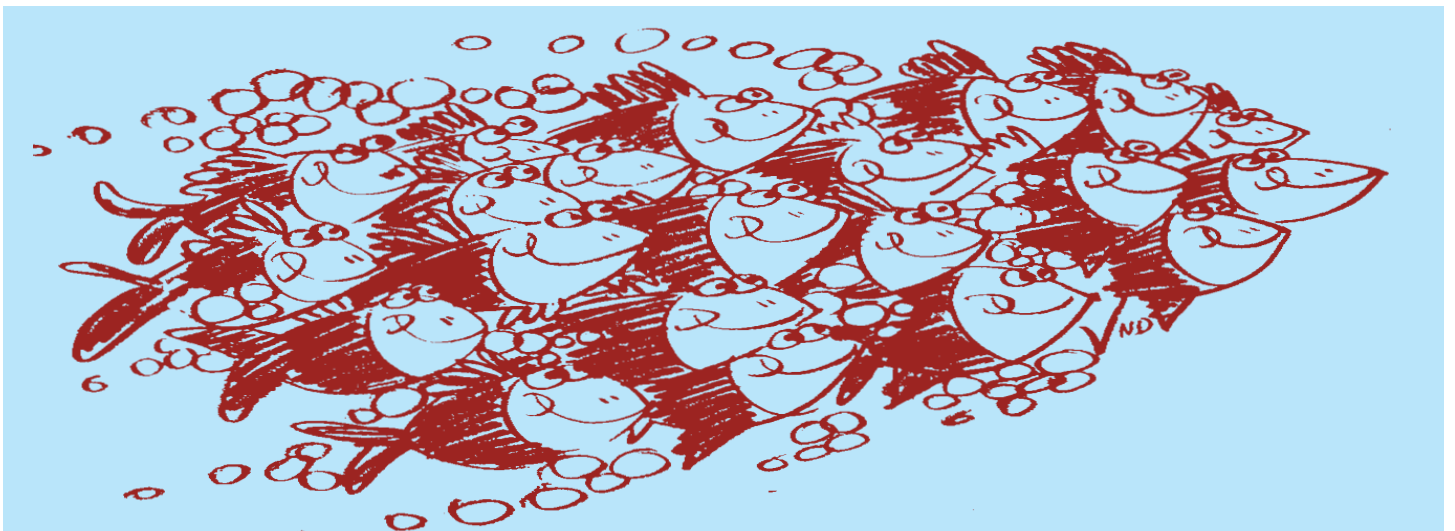


The fire that consumed the Deutsche Bank building was one of the worst fires in New York City's history. The 9/11 damaged building at 130 Liberty Street, near the apex of the World Trade Center, quickly became out-of-control and escalated into a seven alarm inferno that killed two firefighters, and injured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

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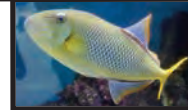
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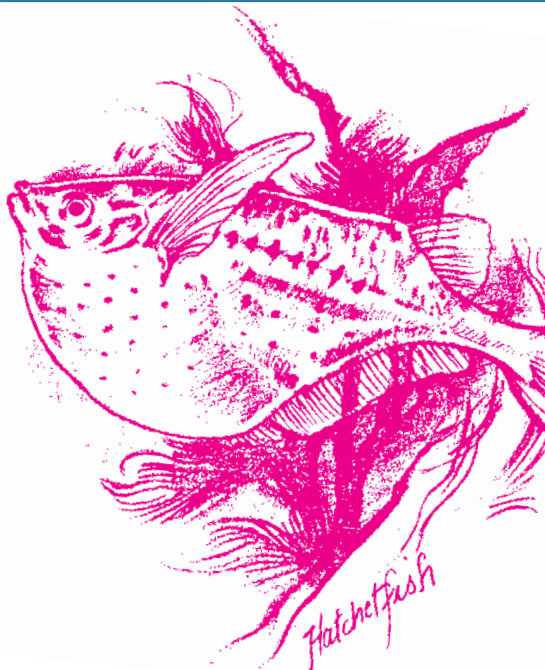
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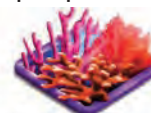
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The **BAS is on-line at BASNY.ORG**. You'll find up-to-date information about our monthly events, links to other aquarium societies

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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.

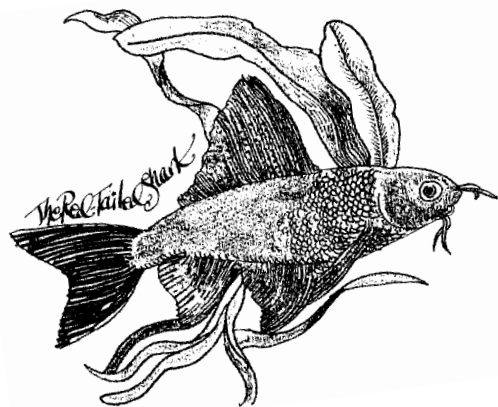
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