108 Years of Educating Aquarists



FRIDAY, APRIL 12 @ 7:30 PM

The Brooklyn Aquarium Society Presents

Ralph Chi

Owner of Pacific Aquarium

The Thriving Aquarium Retail Still Lives

The art and basics of aquarium and nano set ups
Designing a nature aquarium



AUCTION AFTER THE SPEAKER FEATURES: Marine Fish, Aqua-cultured Corals, Freshwater Fish, Plants & Dry Goods Auction

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

\$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. Or Call BAS 24 Hr. Calendar of Events Hotline (718) 837-4455

108 Years of Educating Aquarists The President's Message



he cold weather did not keep our members from gathering to hear **Richard Ross** of the Steinhart Aquarium speak. Richard's topic for the evening was "Coral Spawning and Secore". This is Richard's second talk

at BAS and it was captivating. Richard spoke on coral spawning, and the work they are doing at the Steinhart Aquarium.

Next month, our guest speaker will be **Ralph Chi**, owner of **Pacific Aquarium**. Ralph has a very nice store on Delancey Street, in lower Manhattan. He has a great staff of knowledgeable and caring professionals.

We will also have a 50/50 on donated livestock. When you bring in your donations please let us know if you are participating in the 50/50 or if it's a straight donation. This is limited to livestock (fish, corals, plants) only with a 10 bag limit. There will be no reserve pricing on aquatic donations at our auctions.

Please refrain from selling or purchasing any items from individuals on site at the aquarium, it is strictly prohibited.

Doors open at 7:30, and of there is free parking and refreshments.

We have new BAS shirts and BAS hats, hurry and get yours while supplies last.

Remember, we can always use help. If anyone wants to help out in any way, please let us know. See me personally or any officer or board member. If anyone has any topics they want to hear expert speakers on, or any specific speaker, please tell us that also.

We would like to thank our members and our sponsors for their constant generous donations that keep us going. Anyone who has any aquatic items, supplies or equipment, and that would include healthy livestock of fish, corals or plants, we always welcome the donation.

BAS is looking to rent a street level garage for our BAS equipment and supplies. If you have one or know of one please let us know.

For information on upcoming speakers or to leave a message for us please call our **BAS Hotline at 718-837-4455** and visit our updated website at **WWW.BROOKLYNAQUARIUMSOCI-ETY.ORG.**

On a more personal note – any member who wants to attend a Board meeting, held at Education Hall, NY Aquarium, on the first Friday of the month, September through June, please notify me at 347-277-4793.

Thanks and see you next month.



This Month's Speaker



Chi "Ralph" Cho, was born in Hong Kong in 1973 but grew up in New York City. He became an American citizen in 1980, which, coincidently, was the same year Pacific Aquarium & Pet opened its doors as a local pet shop on Delancey Street, in New York City. As he grew he realized

that he wanted to do something

that made him happy and inspired him... and that was discovering the aquarium hobby and fish keeping.

Chi worked as a volunteer at Pacific Aquarium & Pet, near where he lived. He was eager to explore and learn more about aquarium fish and his passion for fish keeping escalated. He learned about aquarium maintenance and how to care for different species of tropical fish, lighting, filtration and more. While on his educational journey a great job opportunity presented itself and Chi now has the pleasure of running the operation of Pacific Aquarium.

After a decade Pacific Aquarium & Pet has blossomed into a full aquatic aquarium store and today is known as Pacific Aquarium, NYC.

Today, Chi feels lucky to run and operate a truly thriving specialty aquarium store in the heart of downtown New York City. Some even call him a leader in the independent tropical fish store.

Chi gives credit to his team of hardworking and knowledgeable workers. He saw his team grow their creativity and passion, which inspired him to continue and explore new ideas and in-

novative methods to further the aquatic industry.

Chi will also bring gifts and donations for the auction to make this event more fun and enjoyable for all.

This is an event you must attend!





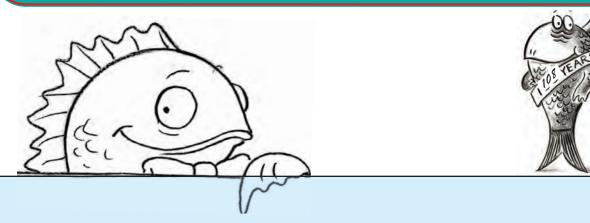




DIRECTIONS TO THE NY AQUARIUM

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 2019



APR 12 Ralph Chi [Pacific Aquarium] - The Thriving Aquarium Retail Still Lives ~ 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 Cameron Provost [House of Fins]-Rare Marine Fish in the Aquarium Hobby~ Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

NO MEETINGS JULY & AUGUST

SEPT 13 Tullio DelAquella ~ The Fact's of Light: A Scientific Approach to Comparing Light Sources for Aquarium Use ~ 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 [Tropc 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. Before attending a meeting please check their web site for more information.

FRIDAY MARCH 1 - LONG ISLAND REEF ASSOCIATION -FRED FERACO- BUILDING THE LAB

Meets the 1st Friday of the month @ 8:00 pm at Acan Lighting, 75 Austin Blvd, Commack, NY 11725.

Info: http://www.LongIslandReef.org

TUESDAY MARCH 5 - PIONEER VALLEY AS TBA

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

WEDNESDAY MARCH 6 - GREATER CITY AS GARY LANGE - CRUISING PAPUA - FOLLOWING NEW ROADS AND EXPLORING "THE BIRD'S HEAD"

Meets the 1st Wednesday of the month @ 7:30 pm 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 MARCH 7 - BUCKS COUNTY AS GARY LANGE – TOPIC 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

MONDAY MARCH 11 - JERSEY SHORE AS • DR. PAUL LOISELLE - FISH CONSERVATION

Meets the 2nd Monday of the month at the South Wall Fire Rescue Co., 2605 Atlantic Ave., Manasquan, NJ. @ 7:30 pm. Speakers, auction rare & exotic fish, aquatic plants, door prizes

Info: www.jerseyshoreAS.org; or (732)-859-5595 or mws71@yahoo.com

TUESDAY MARCH 12 - NASSAU COUNTY AS

• ANNUAL TROPICAL FISH & DRY GOODS SPRING AUCTION Usually meets the 2nd Tuesday. of the month at Molloy College., 1000 Hempstead Ave., Rockville Centre NY @ 8:00 pm. 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 MARCH 14- TROPICAL FISH CLUB OF BURLINGTON • TOM GRADY - KILLIFISH

Meets the 2nd Thursday of the month at the VFW Hall, 73 Pearl St., Essex Junction, VT. Meetings start @ 6:30 pm. 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

FRIDAY MARCH 15 - LONG ISLAND AS JUNGLE BOB – REPTILES

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 @ 7:30 pm, meeting starts @ 8:00pm. Speakers, auctions, refreshments, free parking. Info: www.liasonline.org

SATURDAY MARCH 16 - NORTH JERSEY AS BRIAN ZIMMERMAN – NATIVE FISH HUSBANDRY

Meets the 3rd Saturday of the month 12:30 pm 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/

THURSDAY MARCH 21 - NORWALK AS

 MARTHA MORRIS - KEEPING AND BREEDING DISCUS Meets the 3rd Thursday of the month @ 8:00 pm at Earthplace, The Nature Discovery Center, 10 Woodside Lane, Westport, CT. Open to public. Info: Norwalkas.org

FRIDAY MARCH 22 - DANBURY AREA AS CHERI TENAGLIA - WILD TYPES & FANCY GUPPIES

Meets the 4th Friday of the month @ 7:30 pm 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.

TUESDAY MARCH 26 - GREATER HARTFORD AS TBA

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

TUESDAY MARCH 26 - BIG APPLE GUPPY CLUB • **TBA** Meets: the last Tuesday each month (except Jan, Feb, July, and August)

@ 7:30 to 10:00 pm. Alley Pond Environmental Ctr., 228-06 Northern Blvd., Queens, NY. Info: Donald Curtin (718) 631-0538 or twindon1 @aol.com

WEDNESDAY MARCH 27- METROPOLITAN AREA KILLIFISH ASSOC. • TBA

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

Coming Events 2019 EXHIBITIONS, AUCTIONS & CONVENTIONS 2019

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

APRIL 27 - CENTRAL NEW YORK AQUARIUM SOCIETY 41ST ANNUAL FISH AUCTION held at the Transfiguration Church, 740 Teall Ave., Syracuse, NY 13206. Registration from 10 am to 11 am. Cash only unless you are a CNYAS member

For info: e-mail cnyas@yahoo.com or visit their website WWW.CNYAS.ORG

MAY 11 - BUCKS COUNTY AQUARIUM SOCIETY

ANNUAL SPRING AUCTION held at Churchville Nature Center, 501 Churchville Lane, Churchville/Southhampton, PA 18966. Buck-A Bage split. Fish, Inverts, Plants - The club get \$100 you get the rest. Auction features dry goods and livestock donations from manufactures and clocal fish stores. Registration 8:30 - 10:30 am Auction starts at 11.00 am Refreshments available. For info:bcasonline.com

MAY 19 - SOUTH JERSEY GUPPY GROUP ALL SPECIES AUCTION held at the Griggstown Fire House, 1037 Canal Rd, Griggstown, NY 08540

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: Itff.net/ JUNE 7 - 9 - THE TROPICAL FISH CLUB OF BURLINGTON CELEBRATES 30 YEARS. Held at the Holiday Inn, South Burlington, VT. Seminars & speakers: Hans Georg Evers, Steve Lundblad, and others. Also includes a tour of Vermont Microbreweries, dinner cruise on Lake Champlain, Friday night social pizza party...plus Sunday Auction,raffles, vendors, and more. For info: Visit www.thcb.org

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/

JULY 18-22 - NEW ENGLAND CICHLID ASSOCIATION.

ACA CONVENTION held at the Red Lion Hotel, 100 Berlin Road, Cromwell CT. Event Categories: Aquarium supplies and equipment, Auctions, Cichlids, Conventions, Exhibition, Fish and aquatic plants, Fish Shows, Freshwater, Raffles, Speakers, Trade Show, Tropical Fish, Vendors For info: www.necichilds.org/cich-toberfest-2017#!

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: macnaconfernce.org

By Alex Costello - Patch Staff | Jan 30, 2019 12:31 pm ET Reprinted from Patch

Petland Discounts Closing All Stores, Including 8 On Long Island All of the company's locations are closing following the death of its owner.

Petland Discounts, the Tri-State area pet supply company, is closing all of its stores in New York, including eight on Long Island.

The closing comes after the death of the company's sole owner, Neil Padron, to bladder cancer earlier this month, according to Pet Product News. Padron was 74.

The company had 69 locations across New York, and all of them are expected to close by April 18, according to filings with the state Labor Department. The closures will leave 367 people across the state without jobs.

The first Petland Discounts store opened in Glen Oaks in 1965, according to Pet Product News, and grew to more than 100 stores across New York, New Jersey and Connecticut.

Petland has Long Island locations in Hewlett, Medford, Oceanside, Glen Cove, Port Washington and Elmont, along with warehouses in Brentwood.

Petland Discounts has been a stanch supporter of the Brooklyn Aquarium Society and the aquarium hobby in general. We are all saddened to see this venerable company shutting its doors. Petland Discounts wil be sorely missed by all hobbyists.

Thank you for your past support.

The Offices and Board of the Brooklyn Aquarium Society

LiveAquaria is taking over Dr. Foster and Smith.

Drs. Foster and Smith is passing the torch to LiveAquaria® for all your aquatic needs.

We know you expect a top-notch customer service experience coupled with industry-leading expertise. That's why we are excited to upgrade you to LiveAquaria[®] – your single online destination for all things aquatic!

LiveAquaria[®] offers all the aquarium and pond supplies you need with a better shopping experience, PLUS the best selection of freshwater and marine fish, corals, invertebrates, and live plants backed by our 14-day or 30-day Arrive Alive, Stay Alive[®] guarantee.

Making the switch has never been easier:

Simply log in with your existing Drs. Foster & Smith account information and you're ready to go. All your account information is already set up on LiveAquaria®, including your Auto Delivery subscription!

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.

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.**



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 blacktin reef

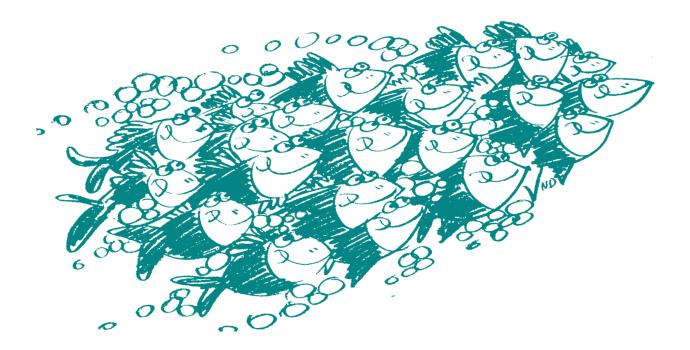
this colorful coral reef, surrounded by blacktip reef sharks, butterflyfish, and zebra sharks swimming above you.

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



MarineAnd Reef.com - Newsletter #226 February 8th, 2019



Choosing the Best Aquarium Substrate

quariums need substrate to create a natural looking environment and to allow plants, corals, and some fish a place to bury into, live and grow. Here is a guide for picking the best substrate for the four popular aquarium types

Freshwater Fish Only Aquariums

Freshwater fish only tanks mainly use substrate

for aesthetics, but some fish such as loaches and eels like substrate to burrow into. If you have burrowing fish many of them will prefer a smooth fine substrate that won't scratch their skin. If you don't have burrowing fish, a larger grained substrate is easier to clean because fine substrate can easily be sucked out with a gravel vac while cleaning. If you have burrowing fish, provide enough substrate so the fish can



completely cover themselves. If you don't have burrowing fish, only use enough substrate to cover the glass. Any more is a waste.

Freshwater Planted Aquariums

Substrate is very important in planted aquariums. Water plants use substrate like land plants use soil. Plants generally prefer a finer substrate that their roots can easily grow into. Plants also

> like a nutrient rich substrate with fertilizer for their roots and a deep substrate so their roots have room to grow. Our favorite planted aquarium substrates are the different varieties of Seachem Flourite. As a cost saving measure, some aquarists will use a fine sand rather than a soil substrate. If this is the case you can use Flourish Tabs to add fertilizer for the plant's roots.

Saltwater Fish Only Aquariums

Substrate in saltwater fish only aquariums is very similar to substrate in freshwater fish only aquariums. Some fish like wrasses and gobies burry in substrate, but the substrate is mostly for aesthetics. If you are keeping burrowing fish, it is best to have a sand bed made of fine sand deep enough for the fish to cover themselves. A major difference is that with saltwater you should use an aragonite or calcium based substrate that helps to buffer the pH of the aquarium. We recommend CaribSea Seafloor Special Grade Reef Sand. NOTE: In freshwater these calcium and aragonite substrates can raise the pH of the water too much and potentially be harmful.

If you do not plan on having burrowing fish, then crushed coral substrate is easier to clean because it is more coarse and harder to accidentally suck out while using a gravel vac. Use CaribSea Florida Crushed Coral.

Saltwater Reef Aquariums

In reef aquariums there are many animals that can use the substrate. Fish, sea cucumbers, clams, anemones, and certain corals all need substrate to live. All of these animals will prefer a fine substrate like the CaribSea Seafloor Special Grade Reef Sand.

Unfortunately picking a substrate isn't this simple because many corals such as Acropora and Montipora species do best with extremely high water flow. Fine sand is easily blown around into sand storms and because of this a coarse substrate or even no substrate can be preferable. The disadvantage of this is most people will find it extremely ugly. If you decide that the increased water flow is more important than the aesthetic benefits of substrate then a bare bottom tank without substrate may be preferable.

Marineandreef.com, 1536 W. Todd, Suite A102, Tempe, AZ 85283

Toll Free: 877.878.9349. 8-11:30 AM & 12:30-4 PM Mountain Time on Monday through Friday

Email: sales@marineandreef.com*



New and Renewing members in March 2019

NEW Members

John Gerace John Sullivan Lucas Freshman Richard Ross **Renewals** Skye Zovak

Matthew Mason

THE FOLLOWING MADE GENEROUS DONATIONS TO THE MARCH AUCTION. THANK YOU!

INDIVIDUALS

Don Lang Steve Matassa Dan Puleo Gabe Scelta **Dennis Vadaro**

STORES & COMPANIES

Aquarium Village, Westbury, NY
Brooklyn Aquarium Society
Brooklyn Zoo & Aquarium, Brooklyn, NY
HardScape, Brooklyn, NY
Monster Aquarium, Queens, NY

- Monster Aquarium, Queens, NY
- Pacific Aquarium & Pet, New York, NY
- Parrots of the World, Rockville Center, NY

Python Products

WE THANK THE FOLLOWING

Vivian Bailey Barnum Angela Lazaro

John Gerace Steve Matassa

for their Tax deductible donations to BAS.

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.

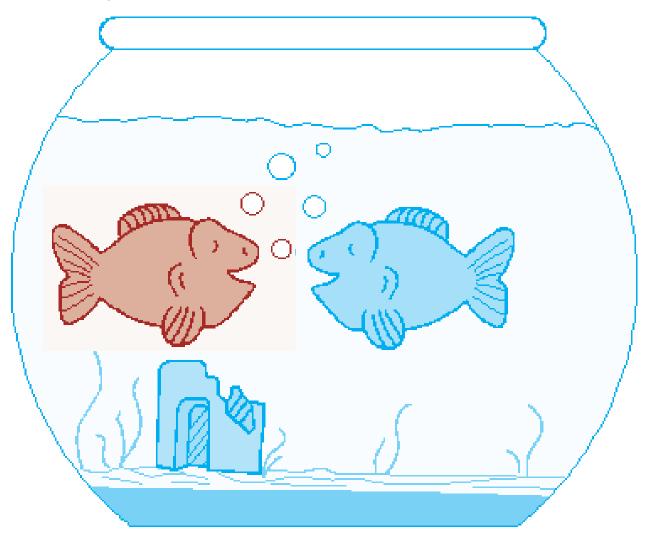
Tip Of The Month

13

eep in mind that your fish welcome live foods. Grindal worms and white worms can easily be cultured at home by any fishkeeper. Starter cultures can usually be gotten at society meeting or on line. These worms are fed on cereal foods and should be checked periodically to keep them from going sour.



Try to have at least two cultures going of the worms to insure you'll always have a fresh to feed your 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





FRONT



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

OFFICIAL BAS embroidered patches that can easily be ironed onto any shirt, hat, jacket or article of clothing you wish. Only \$4 each



Books By Our Talented Members

15



P. M. GRIFFIN

P.M. Griffin, better known to us as **Pauline Griffin**, lives in Brooklyn, N Y, with her cat Nickolette 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 difficulties 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:

From the publisher,

MuseItUp Publishing, at

https://museituppublishing.com/bookstore/index.php/coming-soon/february-2018/eagle-s-ledge-detail# top Also available at: Amazon, Barnes &

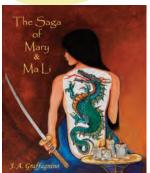
Noble, ibooks, Scribd, 24Symbols.



Books By Our Talented Members

16-

JOE GRAFFAGNINO



The Saga of Mary & Ma Li is the final piece of a fantasy and adventure trilogy. A ruthless Chinese billionaire industrialist and his gorgeous homicidal maniac enforcer convince the leaders of China to support their plan to manipulate the world's stock markets and thus control the world. With China's political and military might behind them, it seems that nothing can stop their plan of world conquest. As fate would have it, their accountant is a CIA undercover mole operative. Mary and the Carrington Protection and Recovery Agency are hired by the CIA and the Chinese billionaire without each sides knowledge, to find and return the elusive agent and the secret documents he possesses that prove China's involvement.

The story unites modern China and feudal Japan in turmoil. Old enemies and new ones become allies to destroy Mary and Ma Li. Unknown to the spirit sisters, a bet between a demon and an archangel centuries before was the catalyst that created both Mary and Ma Li and the mystical swords that became their weapons. These same elements are needed by demons to open a chasm between the world of humans and the demon realm to start an unholy revolution.

Mary and Ma Li are thrown into a fight for survival in both the mortal and spirit worlds. Friends' loyalties are tested and enemies are forced to trust each other. Ancient prophecies are fulfilled, but not the ones written by man, but the original vows witnessed by long-dead spirits and enforced by demons and angels. The saga now comes full circle for Mary and Ma Li. The past and the present combine to decide their own fate. But, who will decide the survival of supportive friends, loving family, Mary's children?



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. Both women learned and grew from their spiritual bond.

The story of Ma Li & Mary is one of love, loyalty, betrayal and survival at all costs.

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.



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 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.

GET TO KNOW OUR SPONSORS.

Our local aquarium shops are important friends of the fishkeeping hobby. They're here to serve your immediate needs - medications, live foods, or a replacement part for a filter, and best of all, you can inspect the fish you want to buy in person, plus most shops will special order fish for you. MOST GIVE BAS MEMBERS DISCOUNTS.

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zine a fabulous magazine for reef and marine fish enthusiasts. \$37 for 6 information packed issue.

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ABSOLUTELY FISH'S staff is knowledgeable and can help you solve your aquatic problems. They offer a 15% discount on select fish, marine life & supplies when you present your current BAS membership card. A really great aquatic shop and well worth the trip. Make a day of it!

ABSOLUTELY FISH 1080 Route 46 West, Clifton, NJ 07013 Ph: 1 (973) 365-0200 Open 7 days a week: Mon - Fri 12am - 9PM Sat 12am - 8PM Sun 12am - 5PM MANHATTAN AQUARIUMS has one of the largest selections of marine fish & corals on the east coast. You should check them out for your Marine Fish & Coral needs.

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This is a must visit store! **AQUARIUM VILLAGE** 461 Old Country Road, Westbury, NY 11590 Ph: (516) 333-0682 www.nyAquariumVillage.com Hrs: Mon-Sat 11-9 • Sun 11-6

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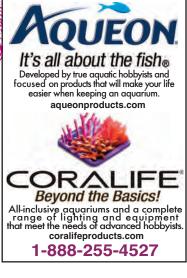
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The Benefits Of Being A Member Of The BROOKLYN AQUARIUM SOCIETY

Your Membership Card is your Passport to Becoming an *"Educated Aquarist."* Don't lose it. Put it in your wallet or purse. You'll need it to attend Monthly Events and get discounts at participating pet stores.

YOUR MEMBERSHIP BENEFITS INCLUDE:

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, Education Hall, 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. Breeder Awards Program (BAP) – Certificates and trophies awarded. General meetings are open to the public (a \$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.

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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