

108 Years of Educating Aquarists

# BAS BULLETIN

Brooklyn Aquarium Society Monthly Online Newsletter

VOL. 22

June 2019

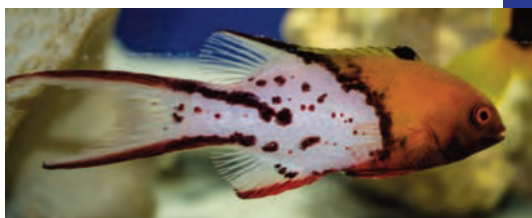
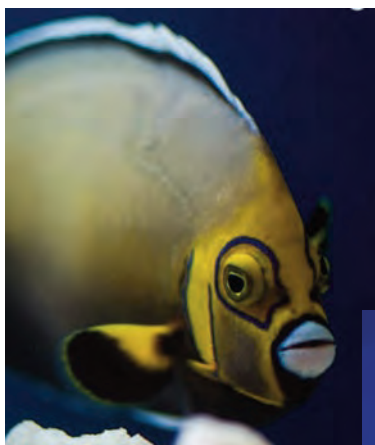
No 6

**FRIDAY, JUNE 14 @ 7:30 PM**

The Brooklyn Aquarium Society Presents

## HOUSE OF FINS

Rare Marine Fishes  
in the Aquarium Hobby



**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**

**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

# 108 Years of Educating Aquarists

## THE PRESIDENT'S MESSAGE



**M**ay was our Giant Spring Auction month. No guest speaker just auction items for our members and guests. We had close to 200 items that included freshwater fish, marine fish, plants, aquariums, filters, gravel, protein skimmers, lighting fixtures, UV sterilizers and the list goes on. Everyone had a great time and brought home many aquatic treasures to enjoy. We appreciate the items you donated to make our club one of the strongest in the United States. Thank you!

Our next event, on June 14 will be our last for this fiscal year, but we promise to end it with a big bang! Our guest speaker is **Cameron Provost** from **House of Fins in Greenwich, CT**. His topic for the evening will be *"Rare Marine Fishes in the Aquarium Hobby"*. So come on down on Friday, June 14, doors open at 7:30 PM. As always there is free parking and refreshments.

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

Please note that our June event is also election time for our officers and Board members. If you or another member, in good standing for the past 6 months, want to run for a position, please let me know so I can put your name up for election. We are always looking for new blood to keep our Society going strong with new and innovative ideas. Please let me know if you are interested and for what position you would like to try out for.

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.

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 **WWW.BROOKLYNAQUARIUMSOCIETY.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!

# Steven

**Steven Matassa,  
President**

We're off for the summer, July and August. We hope you have a great summer and come to the September Event and learn about ***The Facts of Light*** from **Tullo DelAquila**.



# This Months Speaker



**Cameron Provost** is an Aquarium Specialist at the **House of Fins**

whose main focus is on husbandry of marine fishes, invertebrates, and corals. His interest in marine life and husbandry started at an early age with family

visits to the ocean and has continued to blossom with a formal education and his current position at House of Fins. Cameron has his Bachelors of Science in Marine Biology and a Master's of Science in Environmental Science from Alaska Pacific University.

Cameron will tell us about some of the new and rare marine fish that are in the hobby. If

you keep marine fish then you should come to this event. As usual there will be an auction right after the speaker of marine fish, aqua-cultured corals and freshwater fish and plants and dry goods. We will also have aquarium heaters donated to the BAS by **Petland Discounts** before they closed shop.

**June is also elections for Officers and Board members. All who have been members for 6 monts are eligible to run for any office. We need to fill the office of treasurer. Please see page 4 for more information on the elections.**

We will take off July and August for some R & R and be back in September. Have a great summer. See you at the June meeting.

**Please Vote for Officers & Board Members at the June Event**



## 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.**

**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.



# Brooklyn Aquarium Society

## CALENDAR OF EVENTS 2019 - 2020



*We're  
off on vacation  
searching for great new  
speakers. We hope you have a  
great summer... see you all at  
the September Event.  
The BAS Board*



**JUN 14 Cameron Provost [House of Fins] - Rare Marine Fishes 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 Tullo DelAquila - The Facts 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 -** Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**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 • Fish Bingo & Prizes • BAS awards presentations.**  
**2020**

**JAN 10 Luis Morales - Fish Photography ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**FEB 14 Joe Yaiullo [topic TBA] ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**MAR 13 Jason D'Ambrosis ~ Stingray Husbandry ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**APR 12 Robert Stark - Successful Strategies for Reef Keeping ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**MAY 8 Giant Spring Auction ~** Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**JUN 12 Chad Clayton ~ Copepods are Changing the Face of Aquaculture ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**NO MEETINGS JULY & AUGUST**

**SEPT 11 Harry Faustmann - Live Foods ~** Followed by an auction of marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**OCT 9 Giant Fall Auction -** Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods.

**NOV 13. TBA**

**DEC 11 Holiday Party ~ Members, their families & friends • Fish Bingo & Prizes • BAS awards presenta-**

# 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.

### TUESDAY JUNE 4 - 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](mailto:Jacob.Guinasso@pvas.net) or [Martha Morris, martha\\_morris@hotmail.com](mailto:Martha.Morris@hotmail.com) or [pvas.net](http://pvas.net)

### THURSDAY JUNE 6 - GREATER CITY AS

#### • GIANNE SOUZA - AN ADVENTURE IN BREEDING SHOW & WILD BETTAS [NOTE: DATE CHANGE]

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](mailto:Claudia.Dickinson@ivyrose@optonline.net) at: [ivyrose@optonline.net](mailto:ivyrose@optonline.net) or (631)-668-5125, or [www.greatercity.org](http://www.greatercity.org)

### THURSDAY JUNE 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](http://bcasonline.com)

### FRIDAY JUNE 7 - LONG ISLAND REEF ASSOCIATION - BOB STARK - AQUARIUM CHEMISTRY

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

Info: <http://www.LongIslandReef.org>

### MONDAY JUNE 10 - JERSEY SHORE AS

#### • ZOO MED

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](http://www.jerseyshoreAS.org); or (732)-859-5595 or [mws71@yahoo.com](mailto:mws71@yahoo.com)

### TUESDAY JUNE 11 - NASSAU COUNTY AS

#### • TBA

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](mailto:Mike.Foran@ncasweb.org), or at [info@ncasweb.org](mailto:info@ncasweb.org) or <http://ncasweb.org/directions.php>.

### THURSDAY JUNE 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 @ 6:30 pm. Door prizes, bowl show (warmer months), monthly auction, fish discussions and a good time! New members are welcome!

Info: [David Banks](mailto:David.Banks@dbanks@together.net) at [dbanks@together.net](mailto:dbanks@together.net) or [www.tfcb.org](http://www.tfcb.org)

### SATURDAY JUNE 15 - NORTH JERSEY AS

#### • KAREN RANDALL - PLANTED NANO TANKS, ASIAN PLANT TRAVELOGUE

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/](http://www.njas.net/)

### THURSDAY JUNE 20 - NORWALK AS

#### • TBA

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](http://Norwalkas.org)

### FRIDAY JUNE 21 - LONG ISLAND AS

#### • TBA

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](http://www.liasonline.org)

### TUESDAY JUNE 25 - 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 JUNE 25 - 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](mailto:Donald.Curtin@twindon1@aol.com) or [twindon1@aol.com](mailto:twindon1@aol.com)

### WEDNESDAY JUNE 26- METROPOLITAN AREA KILLIFISH ASSOC.

#### • TBA

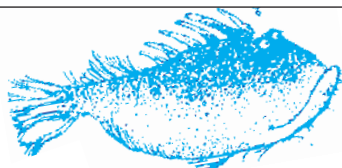
Meets 4th Wednesday of the month @ 8:00 pm at the Meadowlands Environmental Center, Lyndhurst, NJ. Speaker and auction of fish eggs, plants and dry goods. Refreshments served.

Info: [SLMACK@compuserve.com](mailto:SLMACK@compuserve.com)

### FRIDAY JUNE 28 - DANBURY AREA AS

• **MARK DENARO - NAMO AQUARIUMS 101** 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](mailto:Rich.Litsky@daas@northeastcouncil.org) or [Joe Masi \(845\)-896-4793](mailto:Joe.Masi@daas@northeastcouncil.org) or [daas@northeastcouncil.org](mailto:daas@northeastcouncil.org)



# COMING EVENTS

2019 • EXHIBITIONS, AUCTIONS & CONVENTIONS • 2019

## 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](http://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 13 & 14 - PIONEER VALLEY WATER GARDEN & KOI CLUB

**26th POND TOUR** held rain or shine. **For info:** contact Syd Brodeur at [sydb46@hotmail.com](mailto:sydb46@hotmail.com), or Cundy Patnode, at [rickxocondy@comcast.net](mailto:rickxocondy@comcast.net), or Brenda Cortina at [wngnst55@yahoo.com](mailto:wngnst55@yahoo.com).

**JULY 18-21 - 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: **Jim Cumming**, **Paul V. Loiselle Ph.D.**, **Oliver Lucanus**, **Les Kaufman Ph.D.**, **Wayne Leibel Ph.D.**, **Adrian Indermaur Ph.D.**, **Karry Johnson**, **Lawrance Kent**. Trade Show, Tropical Fish, Vendors  
**For info:** [www.necichlids.org](http://www.necichlids.org)

**AUGUST 7 - GREATER CITY SILENT AUCTION** held at the Queens Botanical garden, 134-20 Dahlia Ave., Flushing, NY 11355.  
**For info:** [greatercity.org](http://greatercity.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



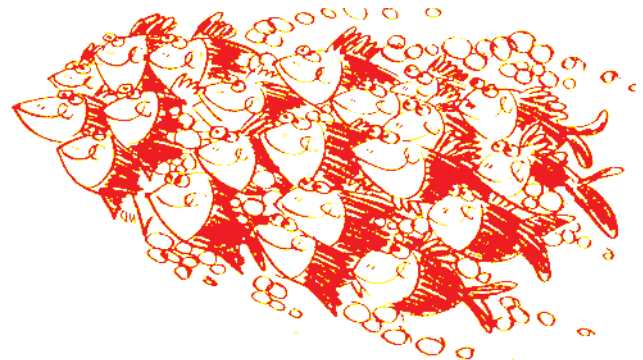
#MACNA2019 rates include the resort fee and start at \$175 per night, so don't believe the prices you see on the internet which will charge you more at checkout. All reservations for rooms through MACNA.org are held with your credit card, but the deposits are not charged until August 1, 2019.  
**For info:** [macnaconference.org](http://macnaconference.org)

**OCTOBER 4, 5, 6 - NEW ENGLAND FANCY GUPPY ASSOCIATION - FANCY GUPPY SHOW** held at Ramada Inn, 213 Taunton Ave., Seekonk, MA. The giant auction will be held on Sunday. Free admission.  
**For info:** [www.newenglandguppies.org](http://www.newenglandguppies.org) or E.T.Mellor, Amherst MA 413-549-0478

**OCTOBER 11 - AQUATIC EXPERIENCE 2019** held at Meadowlands Exposition Center, 355 Plaza Drive, Secaucus, NJ 07094. From saltwater to freshwater with pond and aquatic animals. Consumers and retailers are invited to join us for educational seminars. Hobbyists from entry level to the most sophisticated aquarium keepers. Livestock and equipment experts and the industry's best and most trend-setting manufacturers.  
**For info:** [aquaticexperience.org](http://aquaticexperience.org)

**OCTOBER 13 - ALLEGHENY RIVER VALLEY AQUARIUM SOCIETY ANNUAL AUCTION** held at the John Ash Community Center, 112 N. Barry Street, Olean, NY, starting at 11 AM. Anyone can buy and/or sell. All items being sold must be tropical fish keeping hobby related.  
**For info:** [www.arvas.org](http://www.arvas.org)

**OCTOBER 27 - NORTH JERSEY AQUARIUM SOCIETY FALL AUCTION** held at Days Hotel, Route 18, East Brunswick, NJ. Aquarium supplies and equipment, freshwater tropical fish and aquatic plants.  
**For Infor:** <http://www.njas.net/>





## DO'S & DON'T'S

### To keep your fish safe & alive during the summer

Whether you go on vacation or stay home, summer generally calls for slightly different care.

**DO:** Keep direct sun off tanks. The sun can heat you tank beyond what is safe for most fish. Also sunlight will speed up the growth of algae. Try to block the sunlight.

**DO:** Unplug heaters. You'll not need them. It's better to unplug them than turing them down, so when cool weather arrives you don't have to reset them to your tanks proper temperature.

**DON'T:** During the summer make a point to never feed more than your fish can eat in five minutes. Excess food spoils faster in warmer water.

**DO:** Before going on vacation stock your tank with extra plants, rooted or floating bushy plants like *Colombia* or floating cover plants like, *Salvinia* or *Riccia*. The rooted and bushy plants offer hiding places for fry that might be born and for timid fish to hide among. Plants are an extra source of food for some fish. Floating plants make fish feel secure and keeps them from jumping, and keeps the water clear and actually slows water evaporation.

**DON'T:** Do not crowd your tank with fish. Warmer water does not hold as much oxygen as cooler water.

**DO:** Use an air stone to cool and supply oxygen to the water.

**DO:** Have a friend or neighbor check your fish at least once a week when you are away.

**DO:** Leave written instructions for your fish-sitter. Tape index cards to tanks [DON'T OVER FEED], [I JUMP]. You get the idea. Leave your vacation phone number and/or the number of a BAS member in case of a problem your fish sitter can't handle.

**DON'T WORRY:** If you don't have a fish-sitter almost all adult fish can survive without being fed for a week or more. But keep in mind fry need to be fed every day.

I hope this list gets you thinking and once you do you'll be able to add a couple of your own ideas.

Have a fishtastic summer and rest up for more great BAS Events starting in September.

John Todaro

# THE FOLLOWING MADE GENEROUS DONATIONS TO THE MAY AUCTION. THANK YOU!



## INDIVIDUALS

Anthony Eccleston,  
Travis Emigholz  
John Fox  
Dale Garcia  
Joe Graffagnino

Elizabeth Ianelli  
Famous Jones  
Steve Matassa  
Scott Peters  
Manuel Popa

Dan Puleo  
James Russo  
Gabe Scelta  
Dennis Vadaro

## STORES

- Brooklyn Zoo & Aquarium, Brooklyn, NY
- Long Island Aquatics, Farmingdale, NY,
- Manhattan Aquariums, New York, NY,
  - Monster Aquarium, Queens, NY
- Pacific Aquarium & Pet, New York, NY
  - Tri-County Tropicals, Queens, NY

## MANUFACTURES

- |                    |                                 |                      |                    |
|--------------------|---------------------------------|----------------------|--------------------|
| • Tunze            | Magnet, chemicals               | • Omega              | Fish food          |
| • LifeGuard        | Air Pump                        | • Sera               | Food and test kits |
| • Pan World Pumps  | Pump                            | • Hydor              | Chemicals          |
| • Live Aquaria     | Salt mix                        | • Manhattan Aquarium | Various products   |
| • Aquatic Gardners | Membership & books              | • Aqua Ultraviolet   | Coupons            |
| • House of Fins    | 200 Gift Card                   | • Bulk Reef Supply   | RO filter          |
| • Central Pets     | Tank, stand, lights, gravel vac |                      |                    |



# MAY NEW AND RENEWING MEMBERS

## NEW MEMBERS

Brian McEvilly  
Famous Jones  
Gregory L' Hommedieu  
Judy Valetutti  
Sean Jordan  
Thomas Choi



## RENEWALS

Bill Amely  
Carlene Victor  
David Lund  
David Manuel  
Howard Hughes  
Jerry Schwartz  
Joseph Gurrado  
Robert M. Scarario  
Wayne Grant



## PROUD TO HAVE YOU AS BAS MEMBERS

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.

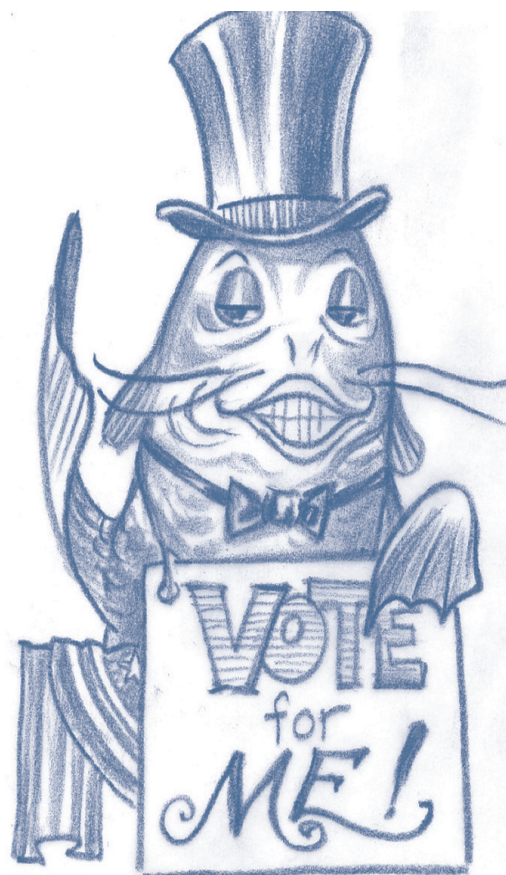
## BAS ELECTIONS

### ELECTIONS FOR OFFICERS & BOARD MEMBERS TAKES PLACE AT THE JUNE EVENT

All members in good standing who have been in the Society for 6 months are eligible to run for any office on the Board. We are always looking for members to help run this great, 108 year old Society. If you want to help the Society in its second century of Educating Aquarists, please consider running. At the June

Event, you can be nominated by a fellow member or nominate yourself. Just because you have been nominated does not mean you have to run, but we wish you would. We always welcome new people to the Board. New people bring new ideas and enthusiasm to the Society.

#### Present officers and Board members



- President:  
**Steven Matassa**
- 1st Vice President:  
**Gennady (Gene) Kogan**
- 2nd Vice President:  
**Marie Licciardello**
- Recording Secretary:  
**Kay Martin**
- Treasurer:  
**Open**
- Membership Chairperson:  
**David Manuel**
- Corresponding Secretary:  
**Dan Smith**
- Sgt. At Arms:  
**Lita Goldberg**
- Exchange Editor:  
**Bill Amely**

#### BOARD MEMBERS:\*

**Robert Kolsky**  
**Denver Lettmen**  
**Nick Martinez**  
**Leon Perry**  
**Paul Santiago**  
**Alissa Sinkler**  
**Wayne Sinckler**  
**Bob Strazzulla**  
**Larry Whitfield**  
**Ronald Wiesenfield**

\*5 Board members are to be elected by the membership. 5 more are to be selected by the President and approved by the full Board.

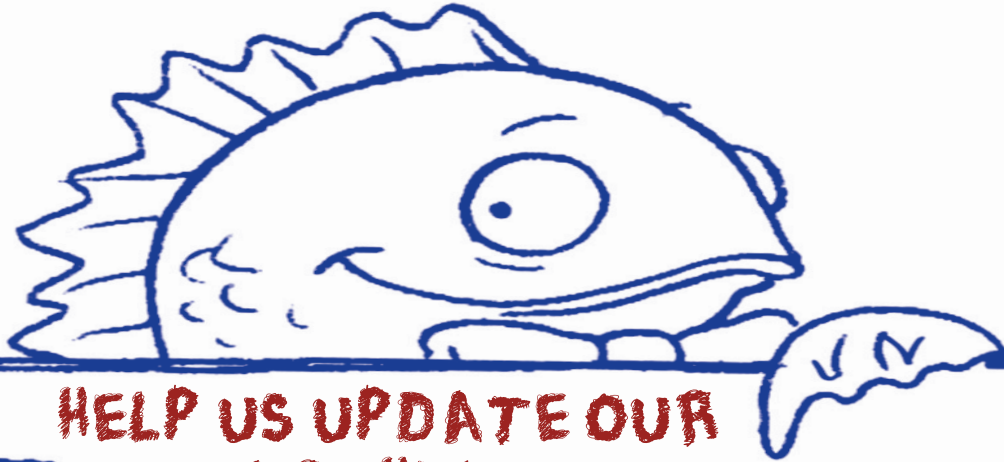
\*Web Master: **Bernard Deren**

\*Editor: **John Todaro**

\*Webmaster & Editor are appointed by the President & approved by the Board.

**We welcome any member to run for any office.**  
**For information and details on any of the positions, contact**  
**Steven Matassa at (347) 277-4793**

## 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.

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



### 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



# NEWS & NOTES

MarineAnd Reef.com - Newsletter #236 March 20th, 2019



## Shrimp Tanks: The Latest Trend

**Shrimp tanks are one of the newest trends in the aquarium hobby. Here is a quick overview of what you'll need to do to have successful shrimp tank.**

*(Take a look at our new How To Set Up A Small Planted Shrimp Tank Video)*

### Characteristics of Shrimp Tanks

Shrimp tanks are aquariums that focus on small freshwater shrimp. These shrimp are small enough that they can usually fit on your thumbnail, and shrimp tanks are usually small (under 10-gallons).

Shrimp aquariums are also often planted aquariums. Shrimp tend to do better in the natural environment that a planted aquarium provides. Many shrimp will eat algae that naturally grows on water plants, and they will also eat dead plant leaves or particulates that are often present in planted aquariums.



Shrimp tanks may or may not include fish. If they do, the fish should be very small because even medium sized fish will eat shrimp.

### Picking a Tank

For shrimp, smaller aquariums are often best as shrimp can get lost in large tanks. Among the most attractive options are Lifeguard Aquatics Crystal Aquariums. They're small, high quality, and affordable. The Lifeguard Full View Aquariums are similar but have unique slanted fronts so you can look down at the shrimp more easily.

The Aqueon LED Shrimp Aquarium Kits have lids that will protect your shrimp from cats or kids. We've put together some packages that include food, heaters, additives and fish nets to go with these Kits.

### Filtration

Shrimp do not produce much waste, so any basic filter will work for shrimp.

## NEWS & NOTES

When choosing a filter, keep in mind that shrimp are small and can get sucked into many filters.

The built in filters in the Lifegard Aquatics Crystal Aquariums and Aqueon LED Shrimp Aquarium Kits are ideal for shrimp. With the Lifegard be sure to use the sponge just inside the intake to protect the shrimp.

With tanks without built-in filtration the AquaTop Internal Sponge Filters and the OASE BioCompact Internal Filters work well.

### Temperature control

Freshwater shrimp do best at the same temperatures as tropical fish—between 76-80 degrees Fahrenheit. With warmer rooms the tank will stay within the acceptable range, but if your shrimp tank is in a colder room you will need need a heater. We like the Cobalt Mini-Therm and Neo-Therm Heaters for small aquariums and shrimp tanks because they are the highest quality option in such a small size.

### Water

Starting with good water is important for any aquarium. In shrimp aquariums tap water with a water conditioner such as Aqueon Shrimp Tank Plus or Seachem Prime is acceptable. But using RO water and adding a water conditioner such as Brightwell Aquatics Shrimp Caridina GH+ or Brightwell Aquatics Shrimp NeoTiger KH+ / GH+ is a better option. RO water will ensure any toxins like heavy metals are removed and the Caridina or NeoTiger will ensure the shrimp have the minerals they need for their exoskeleton. Adding Brightwell Aquatics Shrimp Code two to three times a week will keep your shrimp healthy and enhance coloration.

### Substrate

Because most shrimp tanks include live plants you need to make sure your substrate is an attrac-

tive environment for plants. Porous soil substrates are the best because they allow plant roots to access nutrients. Shrimp also tend to look better with a fine grain substrate in the background. The small grain size makes the shrimp appear larger. Our favorite choice of substrate is Seachem Flourite Black Sand.

### Decorations

Shrimp do best when they have places to hide. Live water plants and natural wood are great at providing natural hiding spaces. You can use natural decorations such as the Lifegard Aquatics Serpentine Rock & Wood. As an alternative to natural décor there are many artificial decorations like the ones from Aquatop.

### Plants

Shrimp do not hurt plants and shrimp really like moss. Shrimp often hide in moss and they feed off of detritus and algae that can get caught in the moss. There are many kinds of moss to choose from, but one of the easiest mosses to grow is Java Moss. Java Moss does not require a significant amount of light or fertilizer to grow, making it easy for beginners. Mosses should be attached to hard surfaces such as rock or wood. To do this we use Flourish Plant Glue.

Shrimp also like moss balls and small stem plants such as Dwarf Sagittaria. Moss balls are made of algae and shrimp will slowly eat them. The balls are cheap enough they can be easily replaced and make for an interesting display piece. Small stem plants provide a great place for baby shrimp to hide while they are growing.

### Feeding

Shrimp do not need a significant amount of food in an established aquarium. Much of the shrimp's food comes from algae and detritus growing in the tank. Feeding your shrimp 2-3 times per week



## NEWS & NOTES



will suffice. Aqueon has an Aqueon Herbivore Shrimp Food and an Aqueon Omnivore Shrimp Food. We like natural food options such as Sera Cattapa Leaves. If you have fish in the tank, the shrimp will likely be fine eating leftover fish food.

### **Maintenance**

Maintaining a shrimp tank is similar to every other aquarium. However, because shrimp are natural scavengers and don't produce much waste they are in some ways less intensive to care for than fish.

### **Here is a basic schedule for shrimp maintenance.**

2 to 3 Times A Week: Feed shrimp.

Add Shrimp Code: Every Week.

Top off the tank.

Clean the glass. At Least Once a Month: Perform a water change of approximately 30%. Add water conditioner such as Caridina GH+ or Shrimp NeoTiger.

Replace filter media, Test Water.

At Least Yearly, Disassemble and clean the filter pump. Clean the aquarium light and replace bulbs if applicable.

**Please contact us  
with any questions you have.**

**[sales@marineandreef.com](mailto:sales@marineandreef.com)**

**Toll-Free 877-878-9349  
International 1-480-491-5283**

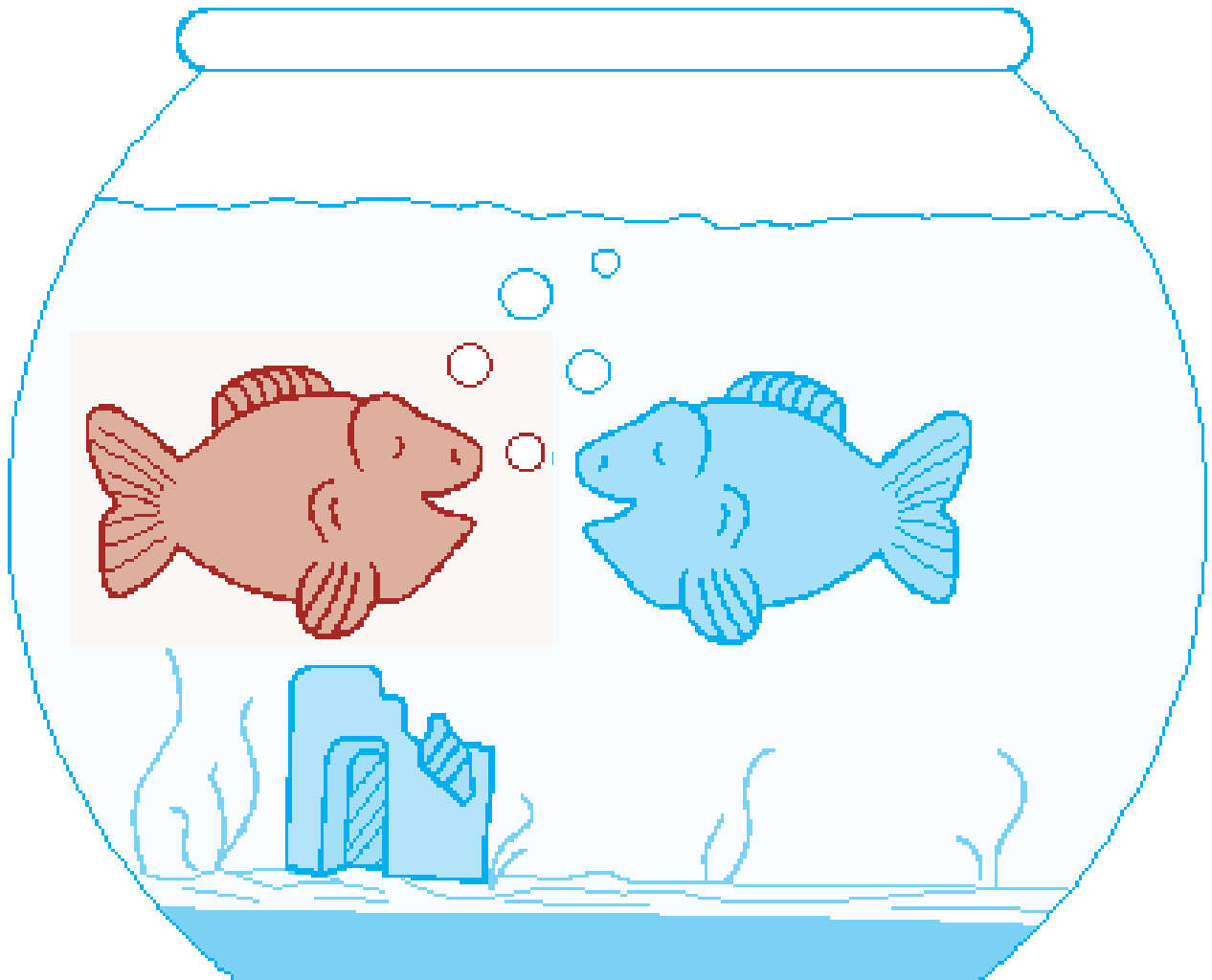
**Monday-Friday 8am-11:30am & 12:30pm-4pm MT**

**Note:  
We do not have daylight savings time  
in Arizona**

## TIP OF THE MONTH

**R**emember to always replenish water evaporation in your marine aquarium with freshwater since none of the sea salt is lost during evaporation. If you add more sea water it would alter the specific gravity of the water in your aquarium.

Also, a coldwater marine tank may over heat in the hot summer months. To compensate, increase the aeration and if necessary add ice cubes in a plastic bag or pass the filter's output tube through a bucket of cold water.



# SHIRTS, HATS & PATCHES

## 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  
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



## 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.

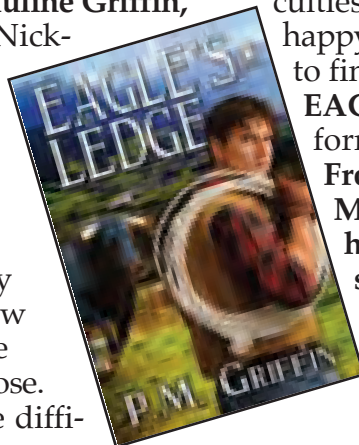
**EAGLE'S LEDGE** is available in electronic format from the following sources:

**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

**NEW**

**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.



## **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.



## GET TO KNOW OUR SPONSORS

**O**ur 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.**

*"Get to know our sponsors and do your shopping with them!"*



**MARINE DEPOT** wants to help you build a better aquarium. You can earn rewards for every purchase with over 3,875 items to choose from.

You can TAKE ADVANTAGE of their special Financing Offers and ongoing sales and specials.

**REFER YOUR FRIENDS - GIVE \$10 — GET \$10**

It's Easy! Here's How It Works:

1. Just go to [www.marinedepot.com](http://www.marinedepot.com) and click on the **REFER A FRIEND GET \$10 OFF** button for information.
2. Your friends get a coupon for \$10 off their 1st order
3. You get \$10 (1000 points) when your friends place their 1st order.

[www.marinedepot.com](http://www.marinedepot.com)

**1-714-385-0080**

**DISCUSGUY.COM**, Discus Fish Store where we have high quality Discus fish for sale at wholesale prices delivered direct to your door. I have been raising and breeding discus for over 20 years providing customers and pet stores with excellent service and **unbeatable prices on discus fish**. If you have any questions about discus or if you are interested in a specific strain of discus that you don't see in my store, please contact me and I will get back to you as soon as possible.

[WWW.DISCUSGUY.COM](http://WWW.DISCUSGUY.COM)



**AMAZONAS** - The legendary freshwater aquarium magazine is now in English. This is a great publication. If you keep freshwater fish, you should subscribe.

**Only \$29 for 6 issues**  
and well worth it.

**CORAL** - The reef & marine aquarium magazine a fabulous magazine for reef and marine fish enthusiasts.

**\$37 for 6 information packed issue.**

For more information go to  
[WWW.AMAZONASMAGAZINE.COM](http://WWW.AMAZONASMAGAZINE.COM)

**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.

**BAS members get a 10% discount with a current membership card.**

**MANHATTAN AQUARIUMS**

522 West 37th Street, NYC, NY 10018

Ph: 212 594-2272 • Fax: 212 594-2271

[www.ManhattanAquariums.Com](http://www.ManhattanAquariums.Com)

[www.UniqueCorals.Com](http://www.UniqueCorals.Com)

**MONSTER AQUARIUM INC.** Specializing in exotic freshwater fish, plants & special orders plus a full range of dry goods & fish foods and filter repairs, plus they do set ups & tank maintenance. (freshwater only). **They offer BAS members 10% discount on all in store items**, does not apply to special orders. They're open 7 days a week from 10am to 8pm for all your aquarium needs.

**MONSTER AQUARIUM INC.**

131-08 40th Road

Flushing, NY 11354

Ph: 347.732.0373

[MONSTERAQUARIUM@HOTMAIL.COM](mailto:MONSTERAQUARIUM@HOTMAIL.COM)

**CARIBSEA** - From marine and reef community aquariums, African cichlid aquariums to planted aquarium substrate you can count on Caribsea. Trusted by hobbyists and professional alike since 1972. They have 280 products to help make you a better hobbyist.

Go to their web site to download their latest catalog or product flyers, videos and directions or to contact them with questions at

[WWW.CARIBSEA.COM](http://WWW.CARIBSEA.COM)



## GET TO KNOW OUR SPONSORS

**O**ur 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.**

**"Our sponsors want you to succeed in the hobby and we want them to succeed in their business."**

**CENTRAL AQUATICS** has been generous in its donations from its **Aqueon** and **Coralife** brands to the BAS, and now they have joined the BAS family of sponsors.

**Aqueon** - *It's all about the fish* - Developed by true aquatic hobbyists and focused on products that will make your life easier when keeping an aquarium.

**Coralife** - *Beyond the basics!* All-inclusive aquariums and a complete range of lighting and equipment that meet the needs of advanced hobbyists.

You can learn more about their products at the following websites:

**[aqueonproducts.com](http://aqueonproducts.com) &  
[corallifeproducts.com](http://corallifeproducts.com)**

**1-888 - 255 - 4527**



### **ZOOMED AQUARIUM LED HO -**

Energy efficient LED Aquarium lighting with a low profile design!

- Unique modular design allows for replacing or swapping out LED panels.
- 50% brighter than T5 HO fluorescent lamps.
- More LEDs than comparable hoods on the market = more light!
- Shimmer effect: Bright white light produces shimmer, just like in nature.

Find out more about it and other ZooMed aquatic products at

**[WWW.ZOOMED.COM](http://WWW.ZOOMED.COM)**

**REEF NUTRITION Inc.** Advanced Fish Feeds not only include natural, color-enhancing ingredients, they provide the highest quality nutrition and the least waste, resulting in a cleaner tank. Their high quality feeds are made using proprietary processes developed by their parent company, Reed Mariculture, a world leader in the development of algae - and zooplankton - based feeds.

**Reef Nutrition - We Feed Your Reef.** See your fave LFS for Reef Nutrition products with the purest & most natural feeds on the market.

For more info. go to

**[WWW.REEFNUTRITION.COM](http://WWW.REEFNUTRITION.COM)**

### **JOSEPH S. REISMAN & ASSOC. ACCOUNTING & TAX EXPERTS.**

They specialize in aquarium societies, aquarium hobbyists, aquarium retail suppliers and stores and aquarium wholesale suppliers.

**They offer a 10% discount to  
Brooklyn Aquarium members  
with a valid membership card.**

**Ph: 718-332-1040 • Fax: 800-518-5251 or  
[www.TAXHELP1040.COM](http://www.TAXHELP1040.COM)**

**TROPICAL FISH HOBBYIST** magazine has helped aquarists succeed in fish keeping for 64 years. Every serious hobbyist should subscribe to TFH. Now a bi-monthly, they offer a special subscription deal: buy 6 issues and get 3 Free.

**Use promo Code VIP to get the deal.  
[tfhmagazine.com/subscriptions](http://tfhmagazine.com/subscriptions)  
1-888-859-9034**

**PACIFIC AQUARIUM** in Manhattan's Chinatown carries ornamental goldfish, koi, freshwater fish, & aquatic plants.

**BAS members get 10% discount with  
current membership card**

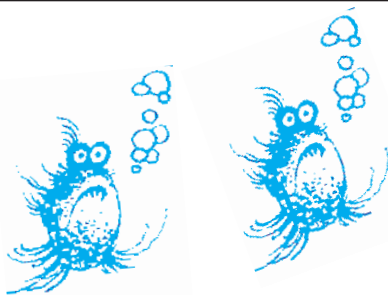
(Discounts not to be combined with other specials). They have a full line of aquarium supplies, and you can order custom size tanks.

### **PACIFIC AQUARIUM**

**46 Delancey St., NY, NY 10002**

**Ph: 1 (212) 995-5895**

**Open 7 days a week and all holidays 10AM to 7:30PM**



**OUR SPONSORS SUPPORT US!  
WE MUST SUPPORT THEM!  
TELL THEM YOU SAW THEIR AD  
IN THE *BAS BULLETIN***



**GoWildPERU**  
Guided Fish Collecting Expeditions & Wildlife Tours  
[www.gowildperu.com](http://www.gowildperu.com)

**Manhattan Aquariums**  
One of the Largest Selections of Marine Fish & Corals on the East Coast  
**522 West 37th Street  
NYC, NY 10018**  
**10% DISCOUNT FOR MEMBERS**  
Phone: 212 594-2272 Ext. 5  
Fax: 212 594-2271  
Cell: 347-782-2407  
[www.ManhattanAquariums.Com](http://www.ManhattanAquariums.Com)  
[www.UniqueCorals.Com](http://www.UniqueCorals.Com)

[WWW.DISCUSGUY.COM](http://WWW.DISCUSGUY.COM)  
**Wholesale Discus Fish Shipped to Your Door.**  
*Discus Guy*

**Build a Better Aquarium with Marine Depot**  
Earn Rewards for every purchase with over 3875 items to choose from  
**Take advantage** of our special Financing Offers and ongoing sales and specials.  
Visit [www.marinedepot.com](http://www.marinedepot.com) for more information.  
**1-714-385-0080**  
[www.marinedepot.com](http://www.marinedepot.com)

**OUR SPONSORS SUPPORT US!  
WE MUST SUPPORT THEM!  
TELL THEM YOU SAW THEIR AD  
IN THE BAS BULLETIN**



**AWARDED BEST AQUATIC PET RETAILER IN NORTH AMERICA FOR THE YEAR 2013  
BY PET PRODUCTS NEWS**

## **Absolutely Fish**

**BAS MEMBERS GET  
A 15% DISCOUNT**

**Freshwater Fish:**  
Over 120 tanks filled with common & hard to find tropical, catfish & cichlids.  
**Specialized aquatic plant systems.**  
**High-tech reef & filtration equipment.**  
Larger selection of live rock & live sand.  
**More invertebrates:**  
Over 2,000 gals of coral-reef exhibits.  
Over 4,000 gals of rare & unusual marine fish.  
**Expert Staff** in marine science & aquarium husbandry ready to answer questions  
Custom aquariums & cabinetry available.

**(973) 365-0200**

**1080 Route 46 West Clifton, NJ 07013**

**Open 7 Days a Week**

**M-F 12AM - 9PM • Sat 12AM - 8PM • Sun 12AM - 5PM**  
We Honor: Visa, Master Card, Discover, American Express, MAC

**AQUEON**

*It's all about the fish®*

Developed by true aquatic hobbyists and focused on products that will make your life easier when keeping an aquarium.

[aqueonproducts.com](http://aqueonproducts.com)



**CORALIFE®**  
*Beyond the Basics!*

All-inclusive aquariums and a complete range of lighting and equipment that meet the needs of advanced hobbyists.  
[coralifeproducts.com](http://coralifeproducts.com)

**1-888-255-4527**

**CaribSea inc**

Trusted by hobbyist and professionals alike, since 1972

**We have 280 products  
to help make you a  
better aquarist!**

**Questions about our  
products?**

Feel free to contact us via our web site.

[www.caribsea.com](http://www.caribsea.com)

**CaribSea, Inc.**

P.O. Box 13359, Fort Pierce, FL 34979

**772-461-1113**

**AMAZONAS**

The legendary  
freshwater aquarium  
magazine is now in English  
**\$29 FOR ONE YEAR**

**CORAL**

THE REEF & MARINE  
AQUARIUM MAGAZINE  
**\$37 FOR ONE YEAR**

**SUBSCRIBE NOW!**

[WWW.AMAZONASMAGAZINE.COM](http://WWW.AMAZONASMAGAZINE.COM)

**PACIFIC AQUARIUM**

46 DELANCEY ST., N Y, NY 10002

Ph: **(212) 995.5895**

**Open 7 days a week & all holidays**  
10am -7:00pm

Specializing in exotic marine fish,  
freshwater fish, goldfish & koi &  
freshwater aquatic plants.  
Complete line of aquarium supplies. Custom size tanks & maintenance available.

**10% Discount to  
BAS members with  
current membership card**

**WWW.PACIFICNYC.COM**

Close to the F, B, D, & 6 Subway lines  
Visa, MC, Discover Card, AmEx



**OUR SPONSORS SUPPORT US!  
WE MUST SUPPORT THEM!  
TELL THEM YOU SAW THEIR AD  
IN THE BAS BULLETIN**



**Monster Aquarium**

Specializing in exotic freshwater fish, plants & special orders plus a full range of dry goods & fish foods. Filter repairs, set ups & tank maintenance. (freshwater only)

**10%** Discount for BAS members on all non-promo items. Does not apply to special orders

Open 7 days • 10 am-8 pm for all your aquarium needs.

**Monster Aquarium**  
131-08 40th Road  
Flushing, NY 11354  
**347.732.0373**  
monsteraquarium@hotmail.com

**JOSEPH S. REISMAN & ASSOC.**  
Accounting & Tax Experts  
2751 Coney Island Avenue  
(Corner of Avenue Y) Brooklyn, NY 11235



**WE SPECIALIZE IN:**

- Aquarium Societies
- Aquarium Hobbyists
- Aquarium Retail Suppliers
- Aquarium Wholesale Suppliers

Tel: 718-332-1040  
Fax: 800-518-5251  
[www.TAXHELP1040.com](http://www.TAXHELP1040.com)

10% discount to  
Brooklyn Aquarium Society members  
with, valid membership card

**AQUA EFFECTS**  
The Ultimate LED Light & Sound Experience



**WWW.ZOOMED.COM**

**Reef Nutrition™**  
We Feed Your Reef™

Reef Nutrition's advanced fish feeds not only include natural, color-enhancing ingredients, they provide the highest quality nutrition and the least waste, resulting in a cleaner tank.

Our high quality feeds are made using proprietary processes developed by our parent company, Reed Mariculture, a world leader in the development of algae- and zooplankton-based feeds.

**Reef Nutrition – We Feed Your Reef**  
See your fave LFS for Reef Nutrition products with the purest & most natural feeds on the market. For more information, go to [www.reefnutrition.com](http://www.reefnutrition.com)

**TROPICALFISH**  
THE BEST THING TO HAPPEN TO AQUARIUMS SINCE WATER

Fishkeeping is more fun when you succeed, and nobody has helped more aquarists succeed



Buy 6 issues, get 3 free Promo Code: VIP  
**SUBSCRIBE TODAY**  
[tfhmagazine.com/subscriptions](http://tfhmagazine.com/subscriptions) 1-888-859-9034



# BENEFITS OF MEMBERSHIP IN 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 Education Hall of the New York Aquarium, 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, good towards membership that evening). 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 clas-

sified want ad in each issue, to sell, give away or request fish or dry goods.

The **BAS is on-line at [BASNY.org](http://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**

# BECOME AN EDUCATED AQUARIST



## Membership & Renewal Application Brooklyn Aquarium Society

Mail This Form And Your Check Payable to Brooklyn Aquarium Society to  
**BROOKLYN AQUARIUM SOCIETY, ATT: MEMBERSHIP CHAIRPERSON**  
**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, and fish auctions. Free parking and refreshments. 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**

(UNDER 18 YEARS)

1yr. \$20	2yr. \$36	3yr. \$51	4yr. \$68	1yr. \$25	2yr. \$45	3yr. \$63	4yr. \$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 \_\_\_\_\_