

104 Years of Educating Aquarists

BAS BULLETIN

Brooklyn Aquarium Society Monthly Online Newsletter

VOL. 18

APRIL 2015

No 4

THE BROOKLYN AQUARIUM SOCIETY
PRESENTS

Todd C. LaJeunesse



CORAL PHYSIOLOGY, ECOLOGY, SYMBIOSIS & EVOLUTION

**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.

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

104 Years of Educating Aquarists

THE PRESIDENT'S MESSAGE



The winds of March blew strong enough to deliver **Discus Hans** as our guest speaker. He came from Baltimore, Maryland to talk about his love for the discus. He was kind enough to bring and donate many bags of his world renowned Stendker

Discus, which were created in Germany. Discus Hans and his wife have one of the largest discus facilities in the United States. He has won many awards over the years at discus shows all over the world. It was great to have him as our guest speaker. I was able to bid and win a pair of his prize Marlboro discus. We had a fantastic turnout with a standing room only crowd. It was a wonderful evening for everyone.

Next month is our April event and we will have **Todd C. LaJeunesse** as our guest speaker. Todd's topic for the evening will be "*Coral Physiology, Ecology, Symbiosis and Evolution.*" For anyone who wants to know about corals, this is the meeting to attend. As always, the meetings will be at the **NY Aquarium Education Hall**. **Doors open at 7:30 PM**. And, as always, there is **Free Parking and Free Refreshments**.

Please visit our new website where you can read the *Bulletin* and enjoy a full color *Aquatica*. The interactive forums and sponsor sections are truly remarkable. Provided you have given us your email address, you will be getting notifications of club events via email.

I am asking again for your help and support. If you want to see different speakers or try different things, please let me know. The elected officials of the Brooklyn Aquarium Society are here to serve **YOU!** Please let us know what you want and

why. It would be helpful to everyone.

It is important that you visit and patronize our sponsors. It goes full circle: by helping them, they are also helping you as hobbyists and everyone is helping the Brooklyn Aquarium Society, so help us, help you!

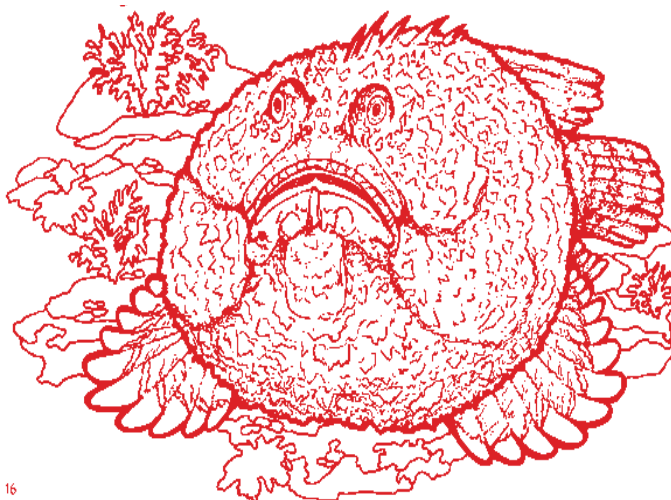
For more info, please call our **BAS Hotline** at **(718) 837-4455**, or visit our modern website at **WWW.BROOKLYNAQUARIUMSOCIETY.ORG**.

On a more personal note - Any member who desires to attend a Board meeting, which are held at Education Hall of the New York Aquarium on the 1st Friday of the month, September through June, please notify me at **(718) 238-1792** by the Tuesday previous to the meeting.

Hopefully, Spring will be here soon!

Joe

**Joe Graffagnino
President**



THIS MONTH'S SPEAKER

Todd C. Lajeunesse is an associate professor at Pennsylvania State University, Department of Biology. He has been invited to lecture in countries around the world and also here in the States. His latest research grant in 2013 was from the U.S National Science Foundation was on the physiology and ecology of widespread "stress-tolerant" coral endosymbionts: coral "saviors" or opportunistic invaders?

Todd is also on the Editorial Board, *Symbiosis* (2007-present) NSF review panel: *Symbiosis*, *Defense and Self-recognition* (2010, 2013) NSF review panel: *Biological Oceanography* (2007) Outside reviewer for articles submitted to *Applied Environmental Microbiology*, *Biological Bulletin*, *Coral Reefs*, *Functional Ecology*, *Global Change Biology*, *Journal of Phycology*, *Marine Biology*, *Marine Ecology Progress Series*, *Molecular Ecology*, *Nature Climate Change*, *Oceanography and Limnology*, *Proceedings of the National Academy of Science*, *Proceedings of the Royal Society London B*, *Protist*, *Symbiosis*.

He has also taught courses on Invertebrate Zoology Freshman Seminar and is a regular guest Lecturer in *Symbiosis*, *Coral reef systems*, *Science Diving*.

Todd has written over fifty articles ranging from coral symbiosis to a connection between colony biomass and death in Caribbean reef-building corals to spring "bleaching" among *Pocillopora* in the Sea of Cortez, Eastern Pacific. Coral reefs, and different algal symbionts explain the vertical distribution of dominant reef corals in the eastern Pacific, among the many studies he has written about.

The April talk will be on *Coral Physiology, Ecology, Symbiosis and Evolution*. Todd will be available after the talk to answer questions on corals and their evolution.

This is a great meeting for anyone who wants to know more about the corals they're keeping and for those looking forward to setting up a reef aquarium.



BROOKLYN AQUARIUM SOCIETY

CALENDAR OF EVENTS - 2015 - 2016

APR 10 Todd C. LaJeunesse - Coral Physiology, Ecology, Symbiosis and Evolution ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

MAY 8 **Giant Spring Auction** ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods including a brand new 55 gal. tank & stand.

JUN 12 Lou Ekus (Tropic Marin USA) ~ Basics of Reef Chemistry ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

JULY / AUGUST - NO MEETINGS

SEPT 11 Rick Borstein ~ 60 Tips in 60 Minutes ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

OCT 9 **Giant Fall Auction** ~ Freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a brand new 55 gallon tank & stand.

NOV 13 Bob Fenner ~ Reef Stocking ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

DEC 11 **Holiday Party** ~ Members, their families and friends, all you can eat sit-down dinner • Fish Bingo & Prizes • BAS awards presentations.

2016

JAN 8 Jeff Bollbeck ~ Getting Rich Breeding Fish ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

FEB 12 Joe Caparatta ~ Triton Method ~ Marine fish, aqua-cultured corals, freshwater fish, plants & dry goods auction.

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.

Note: The editor takes full responsibility for misspellings and punctuation errors.

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.

T-SHIRT DESIGN CONTEST EXTENDED TO APRIL 10

Several members have requested that the T-shirt design contest deadline be extended, so we have extended it to the April 10th meeting. Members have also asked if we could bring back some of the older BAS shirts that were designed years ago. We are looking into that option.

Members have also asked if we could bring back our popular, one size fits all, baseball style hats. The hats are dark blue and have our logo embroidered on the front. We are thinking of adding “Educating Aquarists Since 1911” to the design.

SOME GUIDELINES FOR DESIGNING FOR SCREEN PRINTING:

- When designing artwork for screen printing, keep your design to 6 colors or less. Screen printing is completely different from another type of printing called 4-color process, which can blend colors to produce shades. Silk screened designs do not blend colors. Our advice is to stick to between 1 and 6 colors -- the fewer, the better.
- Don't use thin lines in your design; they will not print properly.
- The name of the Society or our logo should be included in the design. The logo could be placed on the upper left hand side of the shirt, where the pocket would be. It should be in color. The official colors of the Society are dark blue and gold. (That would be 2 screens, 1 for each color.)
- We often print the design on a color shirt, so make sure your design looks good on a dark or color background.
- Keep in mind that in your design, the color of the shirt will show through where there is no artwork. To get around that, you might design the artwork on a white background (that would be an extra screen).
- The artwork must be separated into different layers of color, which are printed one at a time.
- If you design with a computer, the artwork must be 300 DPI resolution and, secondly, remember that a photograph cannot easily be separated into 4 or less colors.

The less colors you use the better; it will help keep the cost of printing the shirts down and keep the design simple.

BAS ONLINE FEATURE QUESTION & ANSWER FOR PRIZES.

The Brooklyn Aquarium Society's **Educating Aquarists Q & A** feature is located on our Forum. Anyone may participate by registering and choosing a screen name. You may post any question related to fish, invertebrates, equipment or aquatic diseases. By posting a relevant question, you will receive 5 points. Post your question as a normal online post in the Q & A section. Anyone may post an answer and get 1 point. The answer is posted as a reply. The question remains open for a week. The author of the best answer gets an additional 3 points. If the question is not answered or is incorrect by the end of that week, the experts on our Board of Directors will choose or provide a best answer. The first round of Q & A begins at our October event and runs until December 31, 2014. The persons with the most points for answers and for questions will each win \$20 in BA\$ Bucks, or a free 1 year (individual) BAS membership or a one year subscription to an aquatic magazine. (In the event a subscription cannot be obtained, a prize of equal or greater value will be supplied at the discretion of the BAS Board of Directors.) The winners of each category will be given the option of choosing their prize. The 2nd round of Q & A's begins at our January 2015 event and runs until March 31. There are no carry-over points; all participants start with zero. The 3rd round will begin at our April 2015 event and run until June 30. Summaries and final results will appear in the *BAS Bulletin*, and *Aquatica*. The posting scores will be announced at our events.

(**Note:** All sarcastic, insulting posts or foul language will be deleted. Answers supplied by the BAS experts will not receive any points.)

Q & A RULES -

1. Anyone may participate, Members and Non-Members.
2. Ask an aquatic question by posting a thread under the Q & A logo. You get 5 pts for just posting a question.
3. Questions may be about fish, coral, inverts or any aquatic topic. Please keep the Q & A less than 1 page.
4. Anyone answering a question gets 1 point.
5. Within a week, our expert panel will pick the best answer. The author of the best answer gets 3 extra points, plus the 1 point for answering the question.
6. The persons with the most Question points and the person with the most Answer points will be announced at the next BAS event. The winners, if present, will choose their prize. If not present, they will be notified via the Forum and can respond back for their prize selection.
7. In the event that no one answers your question, an expert from our panel will post an answer. (*Expert's answers do not receive points.*)
8. You can ask or answer the same question only once for points.
9. You can edit your question or answer the same day.
10. You can ask or answer no more than 10 questions a day.
11. You cannot ask and answer your own question.
12. Current standings will be posted monthly in the *Bulletin*.
13. The winners will be posted in both the *Bulletin* and *Aquatica* and announced at our events.



COMING EVENTS OF INTEREST

EXHIBITIONS, AUCTIONS & CONVENTIONS 2015

APRIL 10 - 12, 2015 AMERICAN GARDENER'S ASSOCIATION CONVENTION. The 2015 AGA Convention, hosted by the Greater Washington Aquatic Plant Association, is being held at the Sheraton

Reston Hotel in Reston, VA. Basic registration (\$65 for AGA or GWAPA members, \$85 for non-members) includes admission for one person to all talks (except the banquet), admission as a spectator to the nano workshop and Senske-Farmer duel, and seller fee for Sunday auction. Spouses wishing to attend these events will need to have a separate registration. Activities include:

SPEAKERS: George Farmer, Aquascaping Principles (Keynote Presentation)

Phil Edwards, Substrate Ecology

Rachel O'Leary, Interesting and Unusual Inhabitants for the Planted Aquarium

Tom Barr, The Many Ways to Grow Aquarium Weeds + Bonus Banquet Talk!

Sean Murphy, Basic Plant Botany and Taxonomy

Nick Klase, Lighting in the Planted Aquarium and LED Use

Nano Workshop: The Fluval Nano Aquascaping Workshop is back by popular demand! Rocks, wood and plants will be provided and you get to keep the tank! **Sunday: All day Auction**

MAY 1 - 3, 2015 AMERICAN LIVEBEARER ASSOCIATION CONVENTION Held at the Lancaster Host Resort. Hosted by the Aquarium Club of Lancaster County, PA. **More info. to follow.**

MAY 16 - 17 GATEWAY GUPPY ASSOCIATES IFGA GUPPY SHOW held at the Holiday Inn Express Riverport, 13735 Riverport Drive, St. Louis, MO 63043. Entries and Judging for the show will take place on Saturday with an Auction open to the public on Sunday morning. More info: contact **John Allen at parisguppies@yahoo.com**

MAY 22 - 24, 2015 AMERICAN KILLIFISH ASSOCIATION NATIONAL CONVENTION. Held at Sheraton Detroit Airport, 8000 Merriman Rd, Romulus, MI. The theme is Killifish Conservation in the Americas. Tentative **Speakers: Charlie Grimes, banquet speaker, Arcadio Valdes, Dave Koran, Frans Vermeulen, Chris Martin, Marc Bogaerts,**

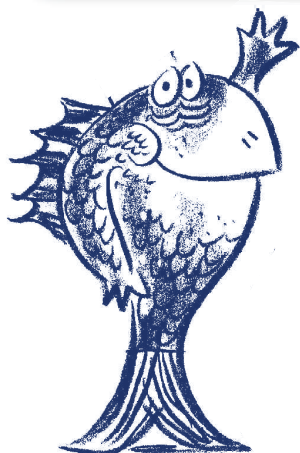
Ken Normandin. There will be fish room sales, fish raffle, rare fish, vendors, trips to downtown Detroit. Contact Info: **Arch Martin (248) 207-8066 or Eric Beyer (248) 298-9576.**

JUNE 4 - 7 NORTH AMERICAN NATIVE FISH ASSOCIATION CONVENTION held at Beavers Bend Park, Hockatown, OK. Cabins approx \$90 - \$150 and can hold multiple guests. Cheaper off site rooms are available in Broken Bow. This area holds the states most diverse fish assemblage and both upland and lowland species can be collected within a short drive of each other. 12:00 - 4:00 Arrival (lunch provided), collecting on own. The Oklahoma Department of Wildlife Conservation (ODWC) will provide local maps and Fishes of Oklahoma Field Guide. A few of the species of interest likely to be encountered include orangethroat, orangebelly, slough, cypress, dusky, channel, harlequin and creole darters, western starhead and golden top minnows, banded pygmy and bantam sunfish, flier, and redbfin pickerel. Friday speakers and presentations. Saturday & Sunday collecting field trips For more info: <http://www.nanfa.org/convention.2015.shtml>.

JULY 30 - AUGUST 2, 2015 AMERICAN CICHLID ASSOCIATION 2015 ANNUAL CONVENTION. Held at the Sheraton Hotel - Springfield, MA. Vendors Room, Show Competition, Hospitality Suite, Kids' Tank Decorating, Boston Day Trip, Old Sturbridge Village Banquet, Giant Sunday Cichlid Auction. **Speakers: Wayne Leibel, Laif Demason, Oliver Lucanus, Ad Konings, Dr. Paul Loiselle, Rusty Wessel, Al Sabetta, Jaap-Jan de Greef, Charley Grimes, Dr. Hubert Kuerzing.** Register at: ACAconvention2015.com

NOVEMBER 6 - 8 AQUATIC EXPERIENCE held at the Marriott Renaissance Hotel, Schaumburg Convention Center, Chicago, IL. Everything Aquatic under one roof: Educational speakers for the hobbyist and industry. Dozens of fresh and salt water exhibitors. 125 Exhibitors and over 4,800 attendees in 2014. **More information to follow.**

WE SINCERELY THANK THE FOLLOWING FOR THEIR GENEROUS DONATIONS TO THE MARCH AUCTION



INDIVIDUALS:

Bill Amely
Nick Caputo
Dary
Frank DeLuca
John Fox
Joe Graffagnino

David Hinds
Marty Karfinkel
Boris Linetski
David Manuel
Steve Matassa
Artie Platt

Dan Puleo
Adam Schneider
Dan Smith
Ken Walsh
Larry Whitfield

STORES

- Brooklyn Zoo & Aquarium, Brooklyn, NY
- Discus Hans
- Fauna, Manhattan, NY
- Manhattan Aquarium, Manhattan, NY
- Pacific Aquarium & Pet, Manhattan, NY
- Pet Qua, New York, NY
- World Class Aquarium, Brooklyn, NY

NEW MEMBERS & RENEWALS MARCH 2015

NEW MEMBERS:

Tamm Aziz
Moses Baptiste
Avetis Torhyan Bigz
Nicholas Decillis
Michael Dobson
Duncan George
Trevell Jackson
Zana Joseph
Winfred Justice
Joe Li

Lee Magaus
Michael Miller
James J Mugan
Sheldon Peters
Artie Platt
Sam Pultorak
Emanuel Reynolds
Isaac Rosenberg
Kenny R. N. Ryan
Courtney Smith
York Fri Tan

Lenny Vaiman
Ken Walsh
Mike Watson
Job Webb
Ismail Williams
Gontung Yuen

RENEWALS:

Louis Bergstresser

DONATORS TO THE SOCIETY

We would like to thank the following people who have made income tax donations (\$100 or more) to the BAS.

Kezia Harvey & Frank Wolsky

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.

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 N.Y. 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

APRIL IS 50/50 SPLIT AUCTION MONTH ON ALL LIVESTOCK:



Bring in freshwater and marine fish, plants, invertebrates and corals and get a
50/50 split
on the auction price they sell for!

NEW NEW YORK REGULATIONS COVERING SEVERAL FRESHWATER AND MARINE SPECIES EFFECTIVE AS OF MARCH 10, 2015

New New York regulations covering several freshwater & marine species are effective as of March 10, 2015

See <http://www.pijac.org/issue-updates/new-york-invasive-species-regulations-effective-march-10-2015> for list of prohibited and regulated species.

Added to regulated species:

Carassius auratus -

Goldfish- all varieties

Cyprinus carpio -

Koi - all varieties

Pterois miles & *Pterois volitans* -

Lionfishs only these 2 species

• See PIJAC UPDATE for links to complete regulations that also include a complete list of PROHIBITED SPECIES and REGULATED SPECIES.

• All "Regulated" fish and animals sold in NYS must be labeled "Invasive Species – Harmful to the Environment" in at least 14-pt bold type attached to the containers housing live animals and attached to the plants. The labels must be approved by the Department of Agriculture and Markets and shall offer alternative non-invasive species as well as instructions to care for the animals or plants in a way to prevent their spread by being introduced into a "free-living" state.

Any person who purchases a regulated invasive species shall be required to follow any instructions required by the regulations and maintain the required instructions until the

regulated invasive species is disposed of in a manner that renders it non-living or non-viable.

These regulations extend to all retailers, wholesalers, pond installers, hobbyists, carnivals, and producers selling in or shipping into New York State. These rules also apply to all Internet sellers shipping into New York.

This applies to all specimens shipped into or acquired in New York from any source.

Please alert your membership and others you believe need to be informed.

Marshall Meyers

PIJAC Senior Advisor

Mmeyers@meyersalterman.com

NEWS & NOTES

2014 NEC ARTICLE COMPETITION

We submitted in three categories and won two best breeder article awards. The winning articles were as follows.

BEST BREEDER ARTICLE: Second place: **Lisa Quilty** for *Gold Tetras - Then again maybe not!* March / April 2014, *Aquatica*. Lisa won a cash prize of \$10.

BEST BREEDER ARTICLE: Third place: **John Todaro** for *One-of a-kind*, September / October 2014, *Aquatica*. John won a cash prize of \$5.

NEW AQUARIUM PRODUCTS

TH-C Series Titanium Heater with Digital Controller Aquatop www.aquatop.com



Aquatop has introduced the TH-C Series Titanium Heater with digital controller. It is fully submersible, offers a compact design for versatile placement and is extremely durable due to the tough titanium construction. Each unit has a separate temperature probe to help ensure even temperature readings. The remote external thermostat has an easy-to-read temperature indicator light and is simple to adjust. The temperature-control design offers easy and accurate setting of required temperature in both freshwater and salt-water systems, while the sensitive thermostat probe ensures accurate temperature readings throughout the system. It comes in 400 watt and 500 watt sizes.

THE SAFE FISH CARRIER THE INSULATED CARRYING BAG

This is the new safe, convenient and modern way to transport fish from an auction or a store. It's not clumsy and bulky like a styro box, easy to carry and it folds up when not in use. They're perfect for carrying and protecting livestock home from Society auctions or store purchases

It has comfortable plastic handles and is constructed with eco-friendly P.E.T (Polyethylene terephthalate). The bag is made from post-consumer water bottles (85% from water bottles, 15% from other recycled materials). It's 22"H x 16"W x 11"D, big enough to carry lots of livestock bag, and folds up for flat easy storage. The bag is black with the BAS logo in gold and features a full Velcro closure to keep fish and corals safe in any type of weather. Cool in the summer and warm in the winter.

It's strong enough to carry several bags of fish.

ONLY \$10.

You can purchase one at our events

KEEP YOUR FISH SAFE IN TRANSIT!



RULES FOR POSTING ON BAS FACEBOOK

In an effort to control the posts that David Lund and I have noticed hitting the various groups advertising other items and merchandise, these rules basically address what members and followers can and cannot post on our pages such as spam, fraudulent products and direct mail to our member lists.

- We strive to keep this group as spam and drama free as possible. You can help by reporting spam and offensive content.

- Trolling & Spam will not be tolerated. Any post that an Administrator suspects is posted for the purpose of creating conflict may be deleted and the poster may be removed from the group. The same goes for offensive content.

PLEASE USE THE FOLLOWING GUIDELINES FOR GROUP INTERACTIONS:

- If someone else bothers you: Block them. (Site Administrators would be the Exception; sorry, cannot allow blocking of any Administrator.) If they say something you think violates FB rules: Report them and/or block them.

- If they post spam: Report the account & report the post to Administrator.

- If someone is being inappropriate: Report the post to the Administrator and/or to FB.

- Trolling: Directed emails soliciting site members may be blocked. If you received excessive requests to follow another site, please report to us via private message to the Administrator. Thanks!

- Also: Buyer beware. If you are buying/trading with members in the group, take time to research what you are buying to make sure it is what you really want; if using PayPal or similar, make sure the method of payment you are using is typical. The group will not be responsible for inter-member transactions. You can bring any items for exchange to one of our monthly club events in person.

- We strive to promote the exchange of information and trade of aquatic equipment, but fraudulent solicitations or spamming will not be tolerated and will result in immediate ejection from the group.

- Thank you for helping us foster a warm and fruitful environment for you and all the members.



BAS ONLINE FORUM A GREAT PLACE TO MEET OTHER AQUARISTS

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

Steven Matassa



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BAS PRESIDENT, JOE GRAFFAGNINO HAS HAD HIS FIRST NOVEL PUBLISHED.



Besides running the largest general aquarium society in the country Joe created a fantasy action adventure novel entitled *The Journey of Mary/Ma Li*.

Joe's work has been published by Dreams Publishing Company.

The novel follows the adventures of two women; Mary Petrovich, who exists in the 20th century and Ma Li Chin a 15th century Chinese warrior priestess. Their spirits have been linked since birth and their destiny foretold. Both women seek revenge and to correct the wrongs done to them and their families. They must find mystical weapons to bond their existence. They team up as mercenaries to continue their quest and to survive in the spirit realm as well as the world of flesh and bones.

You can obtain Joe's novel via his website – www.JAGraffagnino.com which links to Barnes & Noble and Amazon.com. Amazon also has a Kindle version for \$7.99.



TIP OF THE MONTH

Now is the time when pondkeepers begin to get ready for warmer weather. You should examine your pond for winter damage and clean the pond of any debris and inspect all hoses for leaks. Also test your pump and filter in shallow water to ensure they are working properly. If there is a problem, now is the time to replace them. Check to see if your lining needs to be replaced.

This is also the time to think about expansion and up-grading. Now is a good time to think about adding floating, submerged or potted plants. These plants add valuable nutrients and oxygen to the water, and they also provide shade and shelter for fish.

REGIONAL SOCIETY EVENTS FOR 2015

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

FRI. APR 3 - LONG ISLAND REEF ASSOCIATION • NO MEETING IN APRIL

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

TUE. APR 7 - PIONEER VALLEY AS • TBA

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

WED. APR 8 - GREATER CITY AS • TBA

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

THU. APR 9 - TROPICAL FISH CLUB OF BURLINGTON • TBA

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

MON. APR 13 - JERSEY SHORE AS • DISCUSSION ON AQUATIC PLANTS

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

TUE. APR 14 - NASSAU COUNTY AS • TBA

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

THU. APR 16 - NORWALK AS • TBA

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

THU. APR 16 - NORTH JERSEY AS • JERRY SMITH -INTRODUCTION TO AQUATIC GARDENING PLANTS SELECTION & GROWTH

Usually meeting held at 8:00pm every 3rd Thursday of the month at the Quality Inn, 10 Polito Ave. @ Rt. 17 South, Lyndhurst, NJ. NJAS one of the largest and most well respected aquarium clubs in North America. Since 1953, NJAS has provided a friendly outlet for the exchange of aquarium-related ideas and information and recognizes the accomplishments of local hobbyists. For more info: www.njas.net/

FRI. APR 17 - LONG ISLAND AS • TBA

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

WED. APR 22 - METROPOLITAN AREA KILLIFISH ASSOC. (MAKA)

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

FRI. APR 24 DANBURY AREA AS • TBA

Meets 4th Friday of the month at the Carmel Ambulance Corps, Vink Dr., Carmel, NY. For more info: **Rich Litsky** (845) 228-0372 or **Joe Masi** (845)-896-4793 or daas@notheastcouncil

TUE. APR 28 - GREATER HARTFORD AS • TBA

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

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.



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Most give BAS members discounts.

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AMAZONAS - The legendary freshwater aquarium magazine is now in English. This is a great publication; and if you keep freshwater fish, you should have a subscription. **Only \$29 for 6 issues** and well worth it. For more information go to WWW.AMAZONASMAGAZINE.COM

WORLD CLASS AQUARIUM has been serving the hobby since 1986. *New Yorker Magazine* recognized them as the *"best aquarium supply store in the five boroughs."* You'll be pleased to know that they:

- Offer a large selection of freshwater, marine fish, corals, plus a full line of aquarium, bird, and small animal products.
- **Give a 10% discount to BAS members with a current membership card.**
- Carry a selection of large and small tanks and cabinets.
- Have a marine biologist on staff.
- Design and install aquariums for educational institutions.
- Do maintenance for home or office aquariums.
- Will build glass tanks and sumps to your specifications.

If you're into birds, check out their selection of hand-foed baby parrots, African grays, cockatoos, macaws, Amazons, conures, parakeets, and canaries. Call or stop by to see what new babies have arrived!

Owned by two hobbyists, **Allan** and **Robert**, who offer a personal touch and pride themselves on "world class" quality. They're always available to answer questions. You can also subscribe to their Newsletter. Visit www.WorldClassAquarium.com and sign up.

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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!

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Mon - Fri 12AM - 9PM Sat 12AM - 8PM Sun 12AM - 5PM

"C" The Jungle Pet Store in the heart of Brooklyn carries a full line of pet supplies, tropical fish, birds, and small animals. **They also offer a 10% discount to BAS members with a current membership card.** Stop in and see what new livestock has arrived.

"C" THE JUNGLE PET STORE
247 New Lots Ave., Bklyn NY 11207
Ph: 1 (718) 649-2536
Hrs: Tue - Sat 10AM - 8PM • Sun 10AM - 6PM

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

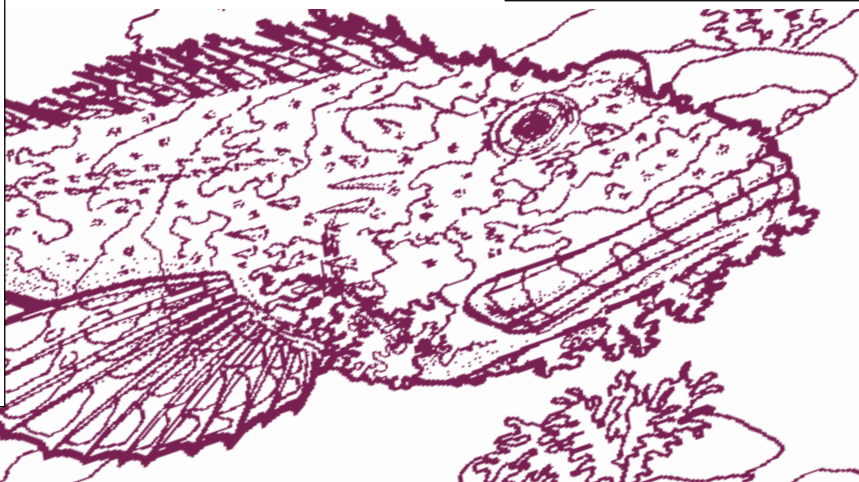
MANHATTAN AQUARIUM has one of the largest selections of marine fish & corals on the east coast. Conveniently located at 522 West 37th Street in Manhattan. You should check them out for your Marine Fish & Coral needs.

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

MANHATTAN AQUARIUM
522 West 37th Street, NYC, NY 10018
Ph: 212 594-2272 • Fax: 212 594-2271
www.ManhattanAquarium.Com
www.UniqueCorals.Com

FAUNA is Manhattan's largest exotic pet boutique and is a new sponsor of the BAS. **Dan, the owner, offers a 10% discount to members.** He keeps over 2,300 gal. stocked with freshwater, marine fish and corals. They also carry small animals, birds and reptiles. Make a point to visit and tell them you saw their ad in the *BAS Bulletin* and *Aquatica*. This store will blow you away!

FAUNA
265 West 87th street
between Bway & West End Ave,
Ph: 212-877-2473
Hrs: Mon - Wed - Thu - Fri 11AM - 7PM
Closed Tue Sat 11AM - 7PM • Sun 11AM - 6PM



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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.

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This is a must visit store!
AQUARIUM VILLAGE
 473 A2 Old Country Road,
 Westbury, NY 11590
 Ph: (516) 333-0682 •
www.nyAquariumVillage.com
 Hrs: Mon-Sat 11-9 • Sun 11-6

PETLAND DISCOUNTS, the complete pet store carries a full line of pet supplies for fish, dogs, cats, birds, reptiles and small animals. They also carry a variety of fish, birds, small animals and reptiles.

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WWW.PETLANDDISCOUNTS.COM
 See the white pages for a store near you.

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

PACIFIC AQUARIUM & PET INC.
 46 Delancey St., NY, NY 10002
 Ph: 1 (212) 995-5895
 Open 7 days a week and all holidays
 10AM to 7:30PM

REEFS2GO.COM has joined the BAS family of quality sponsors. They're located in sunny Florida. Visit their web site to view the full line of saltwater fish, inverts, corals, live foods for marine fish and corals plus a complete line of saltwater dry goods and equipment. Get all the details on **FREE SHIPPING** and their 14 day Guaranteed Living or Credit policy.

If saltwater is your passion and you're looking for deals, check their **Daily Deals and Over Stocked Items page**. For more great buys, check Buy 1 get 1 Free Offers. Check out the site.

Read the testimonials and if you still have questions, call them Monday to Thursday from 10am to 5pm EST at 727-623-0914.

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.
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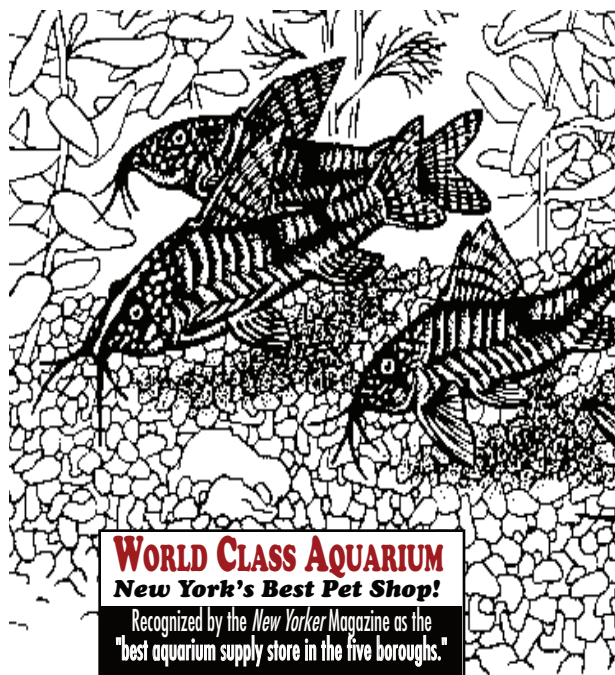
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Membership & Renewal Application Brooklyn Aquarium Society

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, door prizes, raffles, and fish auctions. All meetings are free to members. Visit us on line: 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 _____