**www.northeastcouncil.org**

Next NEC Event: NEC 3rd Quarter BOG Meeting  
August 28, 2019 @ 7:30 PM  
Conference Call: (712) 451-1055 (916159#)

### 2019-20 CALENDAR

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aug</strong></td>
<td>CNYAS Fish Collection Expedition (link)</td>
<td>24-25</td>
</tr>
<tr>
<td></td>
<td>NEC 3rd Quarter BOG Meeting (link)</td>
<td>28</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
<td>TFSRI Fall Auction (link)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>ACLC/CCY Keystone Clash 2019 (link)</td>
<td>13-15</td>
</tr>
<tr>
<td></td>
<td>NEC 3rd Quarter General Meeting (link)</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>JSAS Fall Auction (link)</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>NAS Fall Auction (link)</td>
<td>29</td>
</tr>
<tr>
<td><strong>Oct</strong></td>
<td>NEFGA –IFGA Annual Guppy Show &amp; Auction (link)</td>
<td>4-6</td>
</tr>
<tr>
<td></td>
<td>NCAS Auction (link)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>BASNY Giant Fall Auction (link)</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Aquatic Experience (link)</td>
<td>11-13</td>
</tr>
<tr>
<td></td>
<td>DSAS 5th Annual Auction (link)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>NJAS Fall Auction (link)</td>
<td>27</td>
</tr>
<tr>
<td><strong>Nov</strong></td>
<td>TFCB Fall Auction (link)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>NEC 4th Quarter BOG Meeting (link)</td>
<td>19</td>
</tr>
<tr>
<td><strong>Dec</strong></td>
<td>NEC 4th Quarter General Meeting (link)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>BASNY Holiday Party (link)</td>
<td>12</td>
</tr>
<tr>
<td><strong>Jan ‘20</strong></td>
<td>DAAS Annual Auction (link)</td>
<td>12</td>
</tr>
<tr>
<td><strong>Mar</strong></td>
<td><strong>NANFA Convention, Columbia, SC (link)</strong></td>
<td>19-22</td>
</tr>
<tr>
<td><strong>Apr</strong></td>
<td>NEC 45th Annual Convention (link)</td>
<td>17-19</td>
</tr>
<tr>
<td><strong>May</strong></td>
<td>BASNY Giant Spring Auction (link)</td>
<td>8</td>
</tr>
<tr>
<td><strong>Jun</strong></td>
<td><strong>ALA Convention, Coral Springs, FL (link)</strong></td>
<td>11-14</td>
</tr>
<tr>
<td><strong>Jul</strong></td>
<td><strong>ACA Convention, Sacramento, CA (link)</strong></td>
<td>16-19</td>
</tr>
<tr>
<td><strong>Oct</strong></td>
<td>BASNY Giant Fall Auction (link)</td>
<td>9</td>
</tr>
</tbody>
</table>

*General NEC meetings are held at 7:00 PM and BOG meetings are held at 7:30 PM (unless otherwise noted)*

The NEC does not coordinate dates for club events, but does publish this monthly calendar for your convenience. Prior to selecting a date for your club’s next event, please check the NEC calendar for availability, and then notify me of the new date immediately at BRomeo1234@optonline.net or by phone @ 914-433-2556. The NEC advertises for NEC clubs and National/International Organizations in the NEC calendar.
Aquatic Legislative and Regulatory Updates
By Peach Reid, PIJAC Board of Directors Chair

PIJAC’s Aquatic Committee is co-chaired by two of the most actively engaged and high-profiled professionals in the trade – Sandy Moore, President of Segrest, Inc. and Chris Buerner, President of Quality Marine. Bob Likens, PIJAC Vice-President of Government Affairs, is the staff lead on the Aquatics Committee.

There is a dedicated Aquatic Fund, whose funds are dedicated strictly to aquatic issues. At this time, there are two projects supported by this fund. The first is financing the development of Environmental Impact Statements (EIS) for the island of Hawaii and Oahu. These will include cultural impact assessments, as required by a recent Hawaiian Supreme Court ruling on the issuance of permits to use fine mesh nets.

The second project being funded is continued research into detecting the use of cyanide in marine collection. The hope is that this will lead into the development of a test that can be used in the field on all fish prior to being exported.

On a different matter, as you know, Maine is the only (remaining) state in the country to have a whitelist for fish that can be imported into the state. This list is very old, very out-of-date, and very restrictive. Various parties over the years have tried to work with the state to convert to the black list model prohibiting certain dangerous or invasive aquatics, or amending the whitelist. The latter appears to be the best we can hope for at this time. PIJAC has committed to work with the state on expanding the white list, and Bob Likens recently met with regulators there. The Department of Inland Fisheries and Wildlife has introduced a Captive Fish Nomination Form to be completed for each new order, family, genus or species that the trade would like to add. This is no small task, as every nomination requires “in-text citations and references”, meaning supportive documentation regarding upper and lower thermal limits; that the item(s) do not harbor any harmful agents; that it is not invasive; not dangerous, has no unique requirements for housing or care, and more.

Bob Likens will be attending the upcoming CITES Convention in Geneva (postponed from Sri Lanka due to the dangerous situation there). There are two proposals that most directly affect the trade. One is regarding seahorses, to encourage continued enforcement of regulating or banning collection and sales of all seahorse species, which are all on Appendix II (not threatened but requiring trade controls to prevent becoming threatened or endangered). This proposal also delves into aquacultured specimens, and hopefully provides an opportunity to endorse the practice. Most of the problems seems to be the dried specimens, and illegal activity.
The marine proposal, introduced by Switzerland, calls for a widespread fact-finding examination of the entire trade in marine fish and invertebrates. Specifically, the recommendation calls for a workshop with representation from importers, exporters, relevant government and non-governmental agencies, as well as appropriate technical experts, to consider the biological, conservation and implementation issues related to all aspects of the marine trade.

For further information on all PIJAC activities, to join PIJAC, or to donate to the Aquatic Fund, please contact www.pijac.org/

**NEC Articles Competition Winner Entry Reprint**

**2017 Humor Class Article – 2nd Place Winner**

“Temporary Tanks” by Jim Peterson

Our next reprint won 2nd place in the Humor category in 2017 by Jim Peterson. It was published within Long Island Aquarium Society’s June 2017 publication *Paradise Press*.

**Temporary Tanks**

*Jim Peterson*

My wife says I can set up a tank at the drop of a hat. I have a few Eclipse tanks. Tank, light & filter all in one, just add a heater and water and you have a place for those auction fish you bought that were bigger (or smaller) than you thought. Find a sturdy flat spot and you’re in business.
One time when my wife went out, I set up a 20 long in the bedroom for some beautiful guppies I picked up. It was only temporary because who knew that when women hear water running in their sleep they have to use the bathroom four times a night. I thought it sounded relaxing. So, they were moved in less than a week.

Another time, someone gave me two adult Albino underwater frogs and the tank they were in. I set it up in the corner of our breakfast nook counter, temporarily of course. I got away with it until one morning at about 3:15 a.m. when we were awakened by this god-awful rasping, growling noise which sounded like a raccoon had gotten inside the house and was going after the dog. When I turned on the kitchen light, I found that the two frogs were mating and that the sounds they make during that process could be heard from two rooms away. That morning, the tank with the frogs was taken down and the frogs were put in the turtle pond with the water hyacinths I was winterizing over. However, the turtles tried to eat the frogs even though they seemed too close in size to do so. I found one frog dried up on the dining room rug. I found the other one, happily soaking in the dog's water bowl water bowl. I found a new home for him.

We had a colonial bookshelf with a cabinet below. One day I saw that my discus was being picked on by some angels. Out came the larger Eclipse tank and I set it up on the middle shelf so that I could admire them at eye level as they were so beautiful. This was only a temporary measure as they would surely outgrow that puny tank. For the first time, an Eclipse filter malfunctioned and a steady drip hit the wooden shelf and maybe dried and got wet again until one night when we heard a loud crash and we ran into the room only to see water pouring across our stain-proof commercial carpet and my discus flowing downstream. Flapping madly, I scooped them up and ran through the house to the warmest freshwater tank and carefully acclimated them by throwing them straight in. The discus all survived but the bookcase was a bust as a fish stand. Obviously, the tank was too heavy for the shelf. Miraculously, the only books harmed were some discus books on the shelf underneath. Another time, I was going to set up a saltwater corner tank in my dining room. Sand in, rocks in, coral in. Just add salt and we're in business. Just as I arrive home from the last task I had to do to make the tank ready to receive fish, I find out from my wife that the pair of frontosa I bought at the last NEC auction were having a problem. I walk over to the 75-gallon tank in the den only where they had been for a year with red zebras to find the female frontosa badly beaten. While the male usually protected her, apparently he wanted to breed and she did not. So while he was chasing her, the three zebras joined in for the massacre. I fished her out and ran through the house to carefully acclimate her into the new tank temporarily. For three days, my wife kept telling me that the poor fish had died. But each day she got a little stronger and on the fourth day, she swam around the tank a bit. Although she continued to gain some strength, despite our efforts and six months of being alone in this 75-gallon tank, the frontosa eventually died. The 75 gallon is now the saltwater tank it was meant to be.

Just recently, I set up a few tanks for Endlers livebearers. At this point, my wife really put her foot down one more time. This time, it's been decided for me that I'm going to have a fish room once again only this time with a system to do water changes and a gas heater that will be temporary; for as long as I'm able to take care of everything.
K.O.I. Guide
HELP WANTED
What would you like to see in the next Guide Supplement? Please send ideas to Spike at scover1@cox.net

K.O.I. Member, CKK & Student Specials
Group Buys
4 currently available for Members, CKKs, Students & Instructors

Special CKK-only deal
NOW Available

Email Karen at Pattist@snet.net for group buy inquiries

Advanced Filtration
NEW COURSE! – August 2019

Author & Instructor: Syd Mitchell
Topics to Include:
• Filtration theories and types
• Pumps & air lifts
• Fishless filter cycling
• Nitrate and phosphate control

Website Worth visiting

Example
Common Koi Parasites
Short course

www.KoiOrganisationInternational.org

Calling all CKKs
Your club needs a K.O.I. rep and for you to be listed as a CKK. Contact your club to arrange these ongoing announcements.
NEC Slide and Videos

All video and slide presentations are available to any NEC club to use as their monthly meeting program. Any other use should be discussed with the NEC slide and video chairman prior to the request. Please make requests as far in advance as possible to allow for scheduling and regular mail delivery.

The NEC will pay for standard postage to the requesting NEC club. Any NEC club requesting expedited delivery will need to pay for that postage. The NEC club requesting the program is responsible for postage back. Failure to return the program will result in a $50 replacement charge. Please return programs within 14 days after the scheduled meeting.

Requests should be made to: David Banks, 315 US RT 2, Grand Isle, VT 05458, Email: dbanks@together.net or 802-372-8716

Last published library listing: January 15, 2018 NEC Newsletter and on the NEC website: http://northeastcouncil.org/basic-page/nec-lending-library

If you would like to advertise your monthly meetings or special events, please forward the information to Barbara Romeo @ mailto:bromeo1234@optonline.net by the tenth of each month. Be sure to include all pertinent information (location, time, contact person or website for additional information) in your announcement.
Club Events

Next Meeting
Friday – 8/23/2019
7:30 PM

Chris O’Keefe
Presents
“Keeping Marine Aquariums”

Chris will be speaking about symbiotic relationships in marine aquaria. From the underlying biology to system design and maintenance. He’ll discuss all aspects of keeping some of the most fascinating tank mates in the hobby.

At Laura Sprain
Memorial Cornerstone Park
1 Fair Street,
Carmel, NY 10512

PLEASE PARK IN THE REAR OF THE BUILDING & WALK AROUND TO THE FRONT ENTRANCE

All Welcomed!
(1st meeting free for non-members)
Fish Collecting Expedition

Saturday and Sunday August 24-25
Teelin Farm in Blossvale

Find out what lives in New York State’s outdoor aquarium!

More information will follow.

Please bring all questions to Mary Teelin or Len Futterman
at Futtermania@gmail.com
Tropical Fish Society of Rhode Island

Triple Crown Fish Auction
Saturday, September 7, 2019

Free Admission!
All are welcome!

St. Joseph’s Parish Center
1303 Mendon Road (Rte. 122)
Cumberland, RI

Doors will be open at 9:00 AM.
The auction starts promptly at Noon

Visit www.tfsri.net for complete rules and auction forms.

DIRECTIONS TO THE AUCTION:
Route 295 to Route 122, (exit 10). Take a left off the ramp, proceed past the Burger King on your left and Route 116 on your right. Continue on route 122 for approximately one mile. St. Joseph’s church will be on your left. Turn left into the driveway immediately before the church, and follow the driveway around the rear of the church and proceed to the top of the hill. The Parish center will be on your right.

The Tropical Fish Society of Rhode Island meets on the third Wednesday of each month at 7:30 PM. Meetings are free and all are welcome to attend. Go to www.tfsri.net for meeting location

BRING YOUR BEST FISH!
For a $1 fee you can put a reserve on any lot! YOU set the minimum bid, if the lot doesn’t sell for your price or better, you get it back! TFSRI’s split is $3 per bag sold, all the rest goes to the vendor!

No limit on the number of lots submitted. All lots must be live fish, plants or aquarium-related items. See rules for complete details.

All TFSRI members get 3 free bumps. Join or renew at the auction for 3 free bumps!

All lots open at $3. Lots not selling for the minimum bid of $3 are returned to the seller. Lots selling for only $3 are considered donations to TFSRI.

Vendor Fee: $2
Bidder Card: $2 (Waived for Vendors)
Bump any lot $2 Rebagging fee: $2

Contact Kirk Amidon for Pre-registration & lot numbers: tfsri_treasurer@outlook.com

Thank you to our Sponsors:

Aqua-life Central API
Del’s Lemonade Ken’s Fish
Central Mass Aquatics PenPlax
RISPCA
TFSRI Auction Rules

1. **Live fish and aquatic invertebrates, aquatic plants and aquarium-related material only!**
2. Each participant may bring as many lots as they like. There is a limit of 3 lots per species.
3. No animals or plants restricted or deemed illegal by the Rhode Island or Federal Governments will be accepted. No deformed fish will be accepted including “Bloody Parrot Cichlids” and any “ballon” fish. No hybrids except for Flowerhorn Cichlids and domestic livebearer strains are accepted.
4. **All fish lots must be properly double-bagged** – A fee of $2.00 will be charged for lots not double-bagged, leaking or otherwise requiring rebagging. Seller must mark each bag for species, pairs, male/females etc. Unidentifiable lots will be returned to the seller.
5. **Dry goods must be in clean, new or like-new condition.** No used aquarium gravel. No light bulbs in any condition.
6. Lots not selling for the minimum bid of $3 are returned to the seller. Seller’s proceeds may be collected after all of a seller’s lots have sold. If the seller leaves before all lots are sold, the seller’s proceeds will be mailed to the address provided by the seller.
7. The seller must pick up any lots that fail to sell. **Any items left will become the property of TFSRI.**
8. All bidders must register at the auction table for a bidder number. Bidder numbers are available for $2.00 each. – Vendor registration includes a free bidder number.
9. Bidders must pay for all purchases before leaving the auction. Payment must be by cash or check with a valid driver’s license. Credit cards are **NOT** accepted.
10. The registrar and auctioneer have the right to refuse any lot due to size, defects, sickness, inadequate bagging or any other disqualifying reason.
11. All new or renewing TFSRI Members receive 3 “bump stickers” to place on a bag. Bumped bags are auctioned first.
12. After the “Member Bumps” items are sold, the 10 table system will be used. The order of the tables will be determined by random draw. Lots may be bumped to the start of the line any time after the member bumps are sold for a $2 fee.
13. All sellers must completely fill out a vendor form. Vendor forms are obtainable at our web site www.tfsri.net, at a meeting, by e-mail request, or at the auction.
14. All vendor forms and lots to be sold must be received at the registration table **before 12 Noon on the day of the auction.** Lots may be received after Noon at the club’s discretion
15. TFSRI and the auctioneer will do their best to assure that all items at the auction are what they claim to be, but it is the bidder’s responsibility to assure that the item is what you intend to bid on. Unless the item was misrepresented by the auctioneer, **all purchases are final.** You are responsible for assuring the lot is what you want **BEFORE** you bid.
16. Unless a reserve price is set by the seller, the opening bid amount is $3.00. The auctioneer may open at a higher price for items expected to sell at higher prices. If a lot sells for only $3.00, it is considered to be a donation to TFSRI.
17. **The auctioneer has the FINAL WORD on all bids.**
NEW!
Bowl Show & Photography Competition at the TFSRI Auction!

Bowl Show
1 Entry Per Person
People’s Choice Voting

First Place $75
Second Place $50
Third Place $25

Maximum 5 Gallon Aquarium
No Air or Electricity Will Be Provided

Visit www.tfsri.net for full rules!

$300 in Cash Prizes!
Open to All Attendees

Photography Contest
3 Entries Per Person
People’s Choice Voting

First Place $75
Second Place $50
Third Place $25

Visit www.tfsri.net for full rules!
**TFSRI Auction Bowl Show Rules.**

1. The competition is open to all auction attendees. No club membership is required to enter. The entry must be a living fish.
2. No air or electricity will be provided. If you fish requires air you may use a battery-operated air pump. The entrant must provide the aquarium and water in which to display their entry. A top must be affixed to the aquarium to prevent the fish from jumping out of the container.
3. Maximum aquarium size of 5 gallons.
4. One entry per person.
5. Entries must be set up by noon and cannot be removed before 4:00 PM on the day of the Auction.
6. Voting will be by people’s choice secret ballot. Each bidder card comes with one ballot. Ballots must be submitted by 4:00 PM on the day of the auction. Illegible ballots will be disqualified.
7. Each entry must have a label with the species name. A label with the entry number will be issued and the entrant’s name will be recorded on a data sheet maintained by a designated TFSRI volunteer. The entrant’s name should not be on the aquarium with the bowl show entry.
8. At or around 5:00 PM, the winners will be announced. First Place will receive $75, Second Place will receive $50 and Third Place will receive $25. In the event of a tie, a judge will be appointed by TFSRI to break the tie. The judge’s decision is final.
9. All efforts will be made to protect submissions. However, TFSRI is not responsible for any accidental damage or loss incurred during the competition.
10. Any entries not removed by the end of the auction will be property of TFSRI.
TFSRI Auction Photography Competition

1. The competition is open to all auction attendees. No club membership is required to enter.
2. Up to 3 entries are allowed per person.
3. The subject matter is limited to aquaria, water gardens, ponds and aquatic life. The entrant need not own the aquarium or subject but must have taken the photograph. Subjects can be captive or wild. Entries deemed to be obscene or offensive, or containing profanity will be disqualified and removed. There is no limit on post work used on the photograph.
4. Entries must be set up by noon and cannot be removed before 4:00 PM on the day of the Auction.
5. Entries shall be printed photographs and should be at least 5” x 5” in size and not larger than 20” x 20”. Entries may be displayed on a wall or on a table depending on space availability. Tape may be used on the back of the print to fasten the photos to a wall. Entries may be framed or mounted at the entrants’ discretion.
6. Voting will be by people’s choice secret ballot. Each bidder card comes with one ballot. Ballots must be submitted by 4:00 PM on the day of the auction. Illegible ballots will be disqualified.
7. Each entry should have a label with the species name, or subject description. A label with the entry number will be issued and the entrant’s name will be recorded on a data sheet maintained by a designated TFSRI volunteer. The entrant’s name and contact information should be on the back of the print.
8. At or around 5:00 PM, the winners will be announced. First Place will receive $75, Second Place will receive $50 and Third Place will receive $25. In the event of a tie, a judge will be appointed by TFSRI to break the tie. The judge’s decision is final.
9. All efforts will be made to protect submissions. However, TFSRI is not responsible for any accidental damage or loss incurred during the competition.
10. Any entries not removed by the end of the auction will be property of TFSRI.
108 Years of Educating Aquarists

FRIDAY, SEPT. 13
Doors open 7:30 pm

THE BROOKLYN AQUARIUM SOCIETY
presents

The Fact of Light
with Tullio Dell Aquila

A scientific approach to comparing light sources for aquarium use

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

At The New York Aquarium, Education Hall, Surf Ave. & West 8th St., Bklyn, NY 11229
HELD THE 2ND FRIDAY EACH MONTH, EXCEPT JULY AND AUGUST
Free Parking • Free Refreshments
For Information Visit BROOKLYNAQUARIUMSOCIETY.COM
Or Call BAS 24 Hr. Calendar of Events Hotline (718) 837-4455

Car Directions: Belt Parkway to Ocean Parkway South (Exit 7S). Take Ocean Parkway approx. 1/2 mile. The NY Aquarium will be on your left.
Subway Directions: Either the Q or F trains to West 8th St., NY Aquarium Station.
Keystone Clash

September 13-15, 2019
www.keystoneclash.com

Dr. Paul Loiselle
Rachael O'Leary
Rusty Wessel
Jen Williams
Chris Biggs
Dave Ramsey
Dr. Tom Welzer

All species fish show with 49 classes.
Vendor room
Room sales
All day auction
6 speakers, 10 presentations
Kids aquascaping competition
*Buffet breakfast included with hotel reservation

A weekend long fish show event co-hosted by the Cichlid Club of York & the Aquarium Club of Lancaster County
www.keystoneclash.com
Next meeting at the
Keystone Clash

September, 14th
12:30 pm

Do you live in PA or sort of close by?

Enjoy breeding and learning about fancy guppies?

Our new club may be the right one for you!

www.paguppyclub.com

paguppyclub@gmail.com

Join our Facebook Group

Like & Subscribe to our Facebook Page
2019 Keystone Clash

September 13-15, 2019
Clarion Hotel & Conference Center - Harrisburg West
148 Sheraton Drive (PA Turnpike Exit 242)
New Cumberland, PA 17070

All Species Fish Show: 49 Classes including plants, photography, & crafts
American Cichlid Association sanctioned show classes
American Killifish Association sanctioned show classes

Speakers: Rusty Wessel, Jennifer Williams, Dave Ramsey, Dr. Thomas Waltzek, Dr. Paul Loiselle
With Rachel O’leary and Chris Biggs

For more information or to register go to:
https://keystoneclash.com/

Follow us at
www.facebook.com/2019KeystoneClash

Join the discussion in the Official Keystone Clash Group at
https://www.facebook.com/groups/1388547304496191/

Vendor Room  Room Sales  All Day Auction  Hospitality Suite  Awards Ceremony Social
Raffles  Silent Auctions  7 speakers  11 talks  Talkback Panel  Aquascaping Demo  Give a kid
a tank  Buffet Breakfast Included with Hotel Room

Hotel complimentary shuttle to Harrisburg Int’l Airport, Harrisburg Amtrak and Bus Station
South Jersey Guppy Group
Sunday 9/15/2019
12PM

Mary Martusciello

“Fish Food and their Values”

Griggstown Fire House
1037 Canal Road
Griggstown, NJ 08540
Next Meeting
Friday – 9/27/2019
7:30 PM

Sal Silvestri
Presents

“My Experience with Betta’s…
Wild and Domestic Type!”

At Laura Sprain
Memorial Cornerstone Park
1 Fair Street,
Carmel, NY 10512

PLEASE PARK IN THE REAR OF THE
BUILDING & WALK AROUND TO THE FRONT
ENTRANCE

All Welcomed!
(1st meeting free for non-members)
Norwalk Aquarium Society

53nd ANNUAL
Tropical Fish & Aquarium Equipment Auction

Sunday, September 29th, 2019
Registration and Viewing is from 9:30-11:30 a.m.
Auction Starts at 12:00 p.m.
Earthplace, Nature Discovery Center
10 Woodside Lane, Westport, Connecticut

Auction is open to the Public – free of charge
One of the Northeast’s Largest Auctions
of Beautiful Tropical Fish &
New and Good Used Aquarium Equipment!

50/50 Split – If present payment made at END of Auction.
Or if NOT present at end of Auction, an
Itemized Statement and Check will be sent within 10 days.

For more information visit website: www.norwalkas.org or
contact Sal at salsilv44@yahoo.com
DIRECTIONS TO- Earthplace, located at 10 Woodside Lane in Westport, Connecticut.

From I 95 (Connecticut Turnpike) Exit 17

Left at bottom of ramp onto Rte. 33 North. Go 1.5 miles to intersection with Route 1 (Post Road). Left onto Rte. 1. Go 0.5 miles to second traffic light. Turn right onto King's Highway North. Take first left turn onto Woodside Avenue (becomes Woodside Lane). Go straight 0.9 mile to Earthplace.

From Merritt Parkway (Route 15) Exit 41

From Norwalk/Stamford – Turn left at end of ramp at traffic light by the Red Barn Restaurant. From Fairfield/Bridgeport – Turn right at the end of ramp at the traffic light. Go under the Parkway to the traffic light by Red Barn Restaurant. Go straight on Route 33 South to the next traffic light. Turn right onto King's Highway North. Go 0.6 miles past 2 stop signs and 3 speed bumps to a right turn onto Woodside Avenue (becomes Woodside Lane). Go straight 0.9 miles to Earthplace.

From Route 1

From Norwalk - Turn left at the second traffic light after the Westport town line onto King's Highway North. Take first left turn onto Woodside Avenue (becomes Woodside Lane). Go straight 0.9 miles to Earthplace. From Fairfield - Turn right at the second traffic light after the intersection with Route 33 onto King's Highway North. Take first left turn onto Woodside Avenue (becomes Woodside Lane). Go straight 0.9 miles to Earthplace.

From Wilton/Ridgefield/Danbury

Follow Route 7 South to Route 33 South. Follow Route 33 South for 1.5 miles to third traffic light after the Merritt Parkway intersection. Turn right onto King's Highway North. Go 0.6 miles past 2 stop signs and 3 speed bumps to a right turn onto Woodside Avenue (becomes Woodside Lane). Go straight 0.9 miles to Earthplace.
NORWALK AQUARIUM SOCIETY
AUCTION REGISTRATION FORM

Vendors & Bidders are required to fill out the top section of this form. Bidder cards will not be handed out if the top section is not completed.

Vendor Forms must be turned in before 11:00 am on auction day. There will be a $1 handling fee for re-bagging fish. All fish must be doubled bag. Styrofoam containers listed as lots are accepted as donations only. Vendors will not be paid during the Auction. Vendors on the premises at the end of the Auction will be paid at that time. Other vendors will be paid within two weeks after the Auction.

Bidders may register any time -- there is no cut off time for Bidder registration. Bidders do need to register for the auction – No bids will be accepted without a Bidder Card. There is no fee for the bidder card. Lots may be bumped up for a $2.00 fee.

NAME:

ADDRESS:

CITY: ______________________ STATE: _____ ZIP: __________

PHONE: ___ E-MAIL:

<table>
<thead>
<tr>
<th>Lot #</th>
<th>DESCRIPTION OF LOT</th>
<th>DONATION 50/50</th>
<th>Do Not Write in this Column</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Jersey Shore Aquarium Society presents its
FALL 2019 tropical fish and dry goods auction!

Featuring rare and exotic tropical fish, a wide selection of aquatic plants, with free goodies and door prizes all day long! Snacks and refreshments will be available.

Open to public – free admission.

To be held
Sunday, Sept. 29th, 2019 at the
South Wall Fire Rescue Company
2605 Atlantic Ave., Manasquan, NJ 08736

For more info:
e-mail Bill Loesch at allaboutpetsllc@yahoo.com.
call (732) 223-4530.
visit jerseyshores.org.
or LIKE on facebook.com/jerseyshores

Live goods registration: 9 to 11 a.m.
No guarantee that items registered after 11 a.m. will be auctioned.

Viewing of items: 11 a.m. – 12 noon.
There will be no viewing allowed after noon.

Auction starts at noon sharp!
Any person may bring quality live fish and aquatic plants to enter into auction.
• Pre-registration on our club’s website opens about 1 week prior on jerseyshores.org.
• Pre-registration will get a 50/50 split.
• 50/50 split for walk-ins at the auction.
Auction rules available upon request.
New England Fancy Guppy Association

presents an
IFGA Sanctioned

FANCY GUPPY SHOW

OCTOBER 4, 5 & 6, 2019

www.newenglandguppies.org

Where: Ramada Inn, 213 Taunton Ave., Seekonk, MA
Why: Come to the auction to buy great quality breeding stock!
More Info: E.T. Mellor, Amherst MA 413-549-0478
Greg Billings, Sterling MA 01564, 978-870-2593

SCHEDULE

SATURDAY, OCTOBER 5, 2019
Registration of all fish: 9 AM – 2:30 PM
Judging - 3 PM until done
(Public may silently observe judging)
Show room open until 9 PM for visitors

SUNDAY, OCTOBER 6, 2019
Open to the Public: 9 AM – 12 Noon
GIANT AUCTION (OPEN TO THE PUBLIC): 10 AM
(Come at 9:00AM to start viewing auction fish)
Visit our website for more info:
www.newenglandguppies.org

THIS IS WHAT NEW MEMBERS CAN LOOK FORWARD TO....

- Monthly meetings and auction at homes with very different fish room setups
- Monthly club Bowl Show & Interesting and informative monthly seminars
- Club purchasing power and savings of common needed supplies
- "Fish for Kids" project promoting the hobby in schools
- Collectively having hundreds of years of experience raising guppies
- Common sharing of breeding stock among members
- Subscription to “Guppy Gazette” our monthly newsletter
- Team work of putting on an IFGA sanctioned show each year
- Special breeding projects and a free extensive club loan library

Come join us and consider becoming a member of the New England Fancy Guppy Association.
108 Years of Educating Aquarists

FRIDAY, OCT. 11
Doors open 7:30 pm

THE BROOKLYN AQUARIUM SOCIETY
PRESENTS

Giant FALL Auction

All sorts of freshwater fish, plants, marine fish, aqua-cultured corals & dry goods. Rare & hard to find live stock AND MUCH MORE!
View lots 7:30pm – 8:30pm

For Information Visit BASNY.ORG
Or Call BAS 24 hr.
Calendar of events hotline (718) 837-4455

At The New York Aquarium, Education Hall,
Surf Ave. & West 8th St., Bklyn, NY 11229
HELD THE 2ND FRIDAY EACH MONTH, EXCEPT JULY AND AUGUST
Free Parking • Free Refreshments

Car Directions: Belt Parkway to Ocean Parkway South (Exit 7S). Take Ocean Parkway approx. 1/2 mile. The NY Aquarium will be on your left.
Subway Directions: Either the Q or F trains to West 8th St., NY Aquarium Station.
Diamond State Aquarium Society

5th Annual Auction

Saturday, October 12th, 2019
Brandywine High School
1400 Foulk Rd. Wilmington, DE 19803

FREE BIDDER CARDS - CASH ONLY

Pre-Register to sell on our website or the day of from 9:00-11:00am
70% to the seller, 30% to DSAS

Auction begins at 12 noon

See our website and/or Facebook for more information
http://dsasclub/

DSAS meets the second Monday night of every month (except June, July, August) at the William Penn High School main cafeteria on Route 141 (Basin Rd) in New Castle, Delaware. Doors open at 7pm, meeting starts at 7:30. Door prizes, raffles and auction at every meeting. Open to all ages – free admission.

The Diamond State Aquarium Society is a not-for-profit organization dedicated to the advancement of the tropical fish hobby.
IMMERSE YOURSELF
October 12-13, 2019
Meadowlands Exposition Center

2019 American Cichlid Association Fish Competition
South Jersey Guppy Group
Sunday 10/20/2019
12PM

Mike Soda

“IFGA”

Griggstown Fire House
1037 Canal Road
Griggstown, NJ 08540
Next Meeting
Friday – 10/25/2019
7:30 PM

Peter Izzo
Presents

“Keeping Sub-Tropical Fish”

At Laura Sprain
Memorial Cornerstone Park
1 Fair Street,
Carmel, NY 10512

PLEASE PARK IN THE REAR OF THE BUILDING & WALK AROUND TO THE FRONT ENTRANCE

All Welcomed!
(1st meeting free for non-members)
FRIDAY, NOV. 8 @ 7:30 PM
THE BROOKLYN AQUARIUM SOCIETY
PRESENTS
Reef Chemistry
Made Easy
with Lou Ekus

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

At The New York Aquarium, Education Hall,
Surf Ave. & West 8th St., Bklyn, NY 11229
HELD THE 2ND FRIDAY EACH MONTH, EXCEPT JULY AND AUGUST
Free Parking • Free Refreshments
$5 Donation for Non-members. Good towards membership that night only.
For Information Visit BROOKLYNAQUARIUMSOCIETY.COM
Or Call BAS 24 hr. Calendar of events hotline (718) 837-4455

Car Directions: Belt Parkway to Ocean Parkway South (Exit 75). Take Ocean Parkway approx. 1/2 mile. The NY Aquarium will be on your left.
Subway Directions: Either the Q or F trains to West 8th St., NY Aquarium Station.
2019 Club Meetings

Please note that all NEC clubs are listed on the NEC website’s homepage, and have a link to each of the local club’s websites if you need additional information for any of the club meeting.

Aug 2019

Aug 19
Boston Aquarium Society (BAS)
Ron Oakes
“Big Cichlids”
More info: http://www.bostonaquariumsociety.org

Aug 21
Tropical Fish Society of Rhode Island (TFSRI)
Members Panel
“Member Round Table Discussion”
More info: http://tfsri.net/

Aug 28
Danbury Area Aquarium Society (DAAS)
Chris O’Keefe
“Keeping Marine Aquariums”
More info: http://northeastcouncil.org/daas-home-page

Sep 2019

Sep 4
Greater City Aquarium Society (GCAS)
Tom Keegan
“Spawning Various Types of Tropical Fish”
More info: https://www.greatercity.net
Sep 12
Tropical Fish Club of Burlington (TFCB)
   Jeff Cardwell
   “Collecting in South America”
   More info: https://www.tfcb.org

Sep 13
Brooklyn Aquarium Society (BASNY)
   Tullio Dell Aquila
   “The Fact of Lite”
   More info: http://www.basny.org/

Sep 15
South Jersey Guppy Group (SJGG)
   Mary Martusciello
   “Fish Food and Their Values”

Sep 15
New England Guppy Association (NEGA)
   Member Panel
   “Show Preparation & Planning”
   More info: http://newenglandguppies.org/calendar

Sep 18
Tropical Fish Society of Rhode Island (TFSRI)
   Jim Cumming
   “Central American Cichlids”
   More info: http://tfsri.net/

Sep 19
Norwalk Aquarium Society (NAS)
   Jeff Michels
   “Apistogramma”
   More info: https://norwalkas.org/
Sep 21
North Jersey Aquarium Society (NJAS)
Tony Terciera
“Killifish Husbandry/Fish Photography”
More info: http://www.njas.net

Sep 27
Danbury Area Aquarium Society (DAAS)
Sal Silvestri
“My Experience with Betta’s...Wild & Domestic Type”
More info: http://northeastcouncil.org/daas-home-page

Oct 2019

Oct 10
Tropical Fish Club of Burlington (TFCB)
Ann Whitman
“Terrariums”
More info: https://www.tfcb.org

Oct 16
Tropical Fish Society of Rhode Island (TFSRI)
Greg Skomal
“Great White Sharks”
More info: http://tfsri.net/

Oct 19
North Jersey Aquarium Society (NJAS)
Anton Lamboj
“West African Cichlid Husbandry/African Travelogue”
More info: http://www.njas.net
Oct 20
South Jersey Guppy Group (SJGG)
Mike Soda
“IFGA”

Oct 25
Danbury Area Aquarium Society (DAAS)
Peter Izzo
“Keeping Sub-Tropical Fish”
More info: http://northeastcouncil.org/daas-home-page

Nov 2019

Nov 8
Brooklyn Aquarium Society (BASNY)
Lou Ekus
“Reef Chemistry Made Easy”
More info: http://www.basny.org/

Nov 14
Tropical Fish Club of Burlington (TFCB)
Zenin Skomorowski
“Loaches”
More info: https://www.tfcb.org
NEC MEMBER CLUBS:
Aquarium Club of Lancaster County  ACLC
Boston Aquarium Society   BAS
Brooklyn Aquarium Society   BASNY
Bucks County Aquarium Society  BCAS
Capital Cichlid Association   CCA
Central New York Aquarium Society  CNYAS
Cichlid Club of York   CCY
Connecticut Aquatic Plant Enthusiasts   CAPE
Connecticut Betta Club   CBC
Danbury Area Aquarium Society   DAAS
Diamond State Aquarium Society   DSAS
Greater City Aquarium Society   GCAS
Jersey Shore Aquarium Society   JSAS
Koi Organisation International K.O.I.
Long Island Aquarium Society   LIAS
Long Island Killifish Association LIKA
Metropolitan Area Killifish Assoc.  MAKA
Nassau County Aquarium Society   NCAS
New England Cichlid Association NECA
New England Fancy Guppy Assoc.  NEFGA
New Hampshire Aquarium Society   NHAS
Northeast Livebearers Association NELA
North Jersey Aquarium Society   NJAS
Norwalk Aquarium Society   NAS
Otter Valley Aquarium Society   OVAS
PA Guppy Club   PAGC
Pioneer Valley Aquarium Society   PVAS
Pioneer Valley Water Garden & Koi  PVWG&K
Shore Line Aquarium Society   SLAS
South Jersey Guppy Group   SJGG
Southern New England Killifish Assoc.  SNEKA
Tropical Fish Club of Burlington TFCB
Tropical Fish Society of Rhode Island TFSRI
Upstate NY Killifish Association UNYKA
Worcester Aquarium Society   WAS

Corresponding Secretary: Barbara Romeo (DAAS)
Bromeo1234@optonline.net

Members At Large 2019-2021
Ted Coletti (NJAS)
Bryan Nelson (BAS)
Karen Pattist (K.O.I.)
Wayne Sinckler (BASNY)
Ann Whitman (TFCB)

Standing Committees:
Corporate Agent .............. Dan McKercher
Competitive Events (NEC Sponsored) .............. Open
Constitution and By-Laws .. Rich Pierce
Judging & Standards ..... Anne Broadmeyer
Legislation ............... Sam Rutka
Planning (Council Mtg. Prog.) Open
Programs (Slides & Videos) .. Dave Banks
Public Relations (Society Relations) .............. Open
Organization (Assist / New Groups) .............. Open
Raffles (Fund Raising) ...... Open
Shows ......................... Open
Workshop ...................... Leslie Dick

Non-Standing Committees:
Advertising ................. Open
Articles Competition ........ David Hardenbrook
Auction ....................... Open
Betty Mueller .................... Janine Banks
Breeder Participation Program.Richard Pierce
JJW Memorial Conservation..Ann Whitman
Donations ..................... Barbara Romeo
Exhibitor Competition...... Open
Historian ....................... Dave Banks
Newsletter ..................... Open
Nominating ................. Richard Pierce
Photo Contest ................ Open
Speakers ..................... Open
Sunshine ..................... Donna McAndrews
Webmaster .................... Justin Tucker

NEC Board of Governors 2019-2021
President: Russ McAndrews (BAS)
marksdonnam@hotmail.com
Vice President: Nancy Villars (NECA)
scichi@oal.com
Treasurer: Richard Pierce (SNEKA)
cyprinodont@gmail.com
Recording Secretary: Cheri Tenaglia (PAGG)
cheri.tenaglia@gmail.com
NEC Member Clubs
(click on individual logos to go to the respective website or contact info)

**OFFICERS**
- **PRESIDENT**: Scott Craig  scraig1012@charter.net
- **VICE PRESIDENT**: Ben Belancik  benjaminsr@belancik.com
- **SECRETARY**: Mike Liu  mike@berkshiredesign.com
- **TREASURER**: Don Hennemann  modelrrbug@aol.com

**IMMEDIATE PAST PRESIDENT**: Linda Giza

**BOARD MEMBERS**
- Michael Lucey  hummingbird7515@comcast.net
- Jerine Blissett  icegriller@hotmail.com
- William Maier

**COMMITTEE CHAIRPERSONS**
- **AUCTION CHAIR**: Linda Giza
- **MEMBERSHIP**: Linda Giza & Don Hennemann
- **PROGRAMS**: Linda Giza
- **MUSEUM LIASON**: Linda Giza
- **LIBRARY**: Bill Maier
- **REFRESHMENTS**: Scott Craig & William Maier
- **SUNSHINE**: Linda Giza
- **NEWSLETTER**: Jerine Blissett
- **BYLAWS**: Linda Giza
- **EXCHANGE EDITOR**: Linda Giza
- **NEC DELEGATE**: Will Fontaine
- **NEC AL T. DELEGATE**: Martha Morris

The Underwater News is the official publication of the Pioneer Valley Aquarium Society, Inc. and is published either monthly or bimonthly except for July and August. The views and opinions printed herein are those of the individual authors, and are not necessarily those of PVAS. The Underwater News is provided free to our members as part of their membership. Unless otherwise indicated, original articles and drawings may be re-printed in other non-profit publications, as long as credit is given to the author and The Underwater News. Two copies of the publication in which the reprint appears should be sent to PVAS. Address all exchange bulletins and correspondence to the Pioneer Valley Aquarium Society, Inc. c/o Michael Liu, 14 Indian Hill, Florence, MA 01062.

**IN THIS ISSUE**
- **WHAT'S HAPPENING IN THE CLUB**
  - Minutes from our General & BOD Meeting, Treasurer's Report & Up Coming Events
- **5  How I Raise Anabantoid Fry**
  - By Kevin Thurston  From CAS Newsletter and Aquarist, Colorado Aquarium Society  Aquarticles.com
- **PVAS PROGRAMS & CONTEST**
  - Breeder Awards, Bowl Show Results, & Photo Show Contest
- **9 BUSINESS DIRECTORY & TRADING POST**

Visit PVAS.NET for updates and memberships.

**TABLE OF CONTENTS**

**JANUARY 2013**
- **Triple Crown Fish Auction**
  - Saturday, March 16, 2011
- **The Tropical Fish Society of Rhode Island presents**
  - TFSRI's split is $3 per bag sold, all the rest goes to the vendor.
  - No limit on the number of lots submitted. All lots must be live, plants or aquarium-related items. See rules for complete details.
  - Preregister by March 11th and get a red dot sticker to bump one bag to the start of the auction.
  - All lots open at $3. Lots not selling for the minimum bid of $3 are returned to the seller.
  - Lots selling for only $3 are considered donations to TFSRI.
  - Vendor Fee: $2
  - Bidder Card: $2 (Waived for Vendors)
  - Bump any lot $2  Rebagging fee: $2

- **The Tropical Fish Society of Rhode Island**
  - Meets on the third Wednesday of each month (except December) at 7:30 PM. Meetings are free and all are welcome to attend. Go to www.tfsri.net for meeting location.

- **BRING YOUR BEST FISH!**
  - For a $1 fee you can put a reserve on any lot!
  - YOU set the minimum bid, if the lot doesn't sell for your price or better, you get it back!

- **Doors will be open at 10:00 AM. The auction starts promptly at 12:00 PM. Free Admission! All are welcome!**

- **Visit www.tfsri.net for complete rules and auction forms.**

- **DIRECTIONS TO THE AUCTION:**
  - Route 295 to Route 122, (exit 10). Take a left off the ramp, proceed past the Burger King on your left and Route 116 on your right. Continue on route 122 for approximately one mile. St. Joseph’s church will be on your left.
  - Turn left into the driveway immediately before the church, and follow the driveway around the rear of the church and proceed to the top of the hill. The Parish center will be on your right.

- **FOR MORE INFORMATION CONTACT:**
  - Al Wagonblott   401-619-7805
  - mr_wiggles_sr@hotmail.com
  - or visit us on the web at: www.tfsri.net

- **Metropolitan Area Killifish Association**
  - MAKANew Hampshire Aquarium Society

- **NORTHEAST LIVEBEARER ASSN**

- **MAKA**

- **LONG ISLAND FISH FAN ASSOCIATION**

- **NEW HAMPSHIRE AQUARIUM SOCIETY**
  - Founded 1969

- **N.E.L.A.**

- **NJAS**

- **NECA**

- **SHORE LINE AQUARIUM SOCIETY**

- **SNEKA**

- **Tropical Fish Club of Burlington**

- **Upstate New York Killifish Association**

- **Worcester Aquarium Society**
  - est. 1870

- **South Jersey Guppy Group**
  - est. 1949