

# TANK

APRIL 2018

VOLUME 47, ISSUE 4

# TALES

## April Meeting

David Banks

“African rift Lake Cichlids & Appropriate Tankmates”

Saturday, April 21st at 1:00

*Hand-in-Hand Fire Co., Bird-in-Hand, PA*

BFD 2018

KAREN HAAS

CLASSIC CICHLIDS

FIREMOUTH

JOEL ANTKOWIAK

CORYDORAS

CW124

DON KINYON

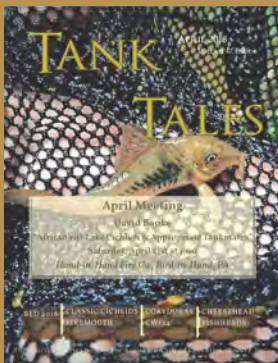
CHEESEHEAD

FISHHEADS

JOEL ANTKOWIAK



# TANK TALES™



ON THE COVER:

First caught CW124

Photo by David Snell (PVAS)

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# PRESIDENT'S MESSAGE



*Michael Buchma*

Hello again ACLC and Happy Spring. I hope that the year is treating you well so far and hope that your aquariums are doing the same.

Many things are happening in the club right now. The one thing that always comes to my mind is the Keystone Clash. The Clash has always been and will hopefully always be fantastic so please don't forget to mark the dates on your Calendar. They are September 14<sup>th</sup> thru the 16<sup>th</sup>.

We also have a chance for some of our members to get more involved in the month to month happenings of our great club. Editor, Exchange Editor, WAAP Chair, and ALEF Chair will all be coming open. The Editor positions are great for those who love reading about fish and will enjoy piecing Tank Tales together every month. If your fancy is tracking items thru a database, the WAAP chair will be perfect for you. The ALEF Chair is what I would consider to be our most important position as far as community outreach goes. You will have the joy of working with local schools and helping the ACLC coordinate our yearly donation to one of those special schools with an aquatic related program. If you express any interest in any of these positions, please do not hesitate to contact myself or Kurt Johnston. We will be happy to answer any questions you may have.

On April 21st at 1:00, we will meet at Bird-in-Hand Fire Company to welcome our speaker of the month, David Banks.



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# EDITOR'S NOTES

Four more great articles this month! Thank you very much for all your hard work. There are a lot of great things going on in the aquarium hobby and the best way to let everyone know what you are doing is to write about it. A few people have turned in fish and plants for the BAP, CARES and HAP program. Now we need to read about those fish and plants here in the pages of Tank Tales!

Give us a challenge by writing as many different articles as you can for the next issue. Your fellow ACLC members want to know what you have been up to!

## It's Your Club, Your Tank Tales!

Thank you

Tim & Kurt

Send all communications for Tank Tales to [editor@aclcpa.org](mailto:editor@aclcpa.org)

***Deadline for May Tank Tales is  
May 3rd!***

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# APRIL PROGRAM

## “African Rift Lake Cichlids & Appropriate Tankmates”

*Presented by David Banks*



David is the current president of the Tropical Fish Club of Burlington and co-founded the club in 1989 with his wife Janine. David is past president of the Northeast Council of Aquarium Societies and still holds several positions within that organization. He first joined the ACA in 1986 and has attended several conventions over the years. He has been an active breeder of tropical fish for over 25 years, at one time concentrating mainly on African. David is also involved in conservation and has always kept space in his tanks for several endangered species, ranging from Lake Victorian cichlids to livebearers and killifish. His

presentation will cover an overview of cichlids from Lake Malawi, Tanganyika and Victoria. Other fish that can be kept with these cichlids will be introduced, and the breeding of both the cichlids and their tankmates will be covered.

### Time & Place

Saturday, April 21st  
at  
1:00 PM

Hand-in-Hand Fire Co.  
313 Enterprise Drive  
Bird-in-Hand, PA 17505

# ACLC SPEAKER SCHEDULE

2018	
May 19th—Joe Doyle	
“Getting Ahead in BAP”	
June 16th—Shane Misuro & Dan Krueger (NPHS)	
Cheap Low Maintenance Reef Tanks: It’s Not A Myth!	
August 18th—TBA	
September—No meeting	
See you at the Keystone Clash	
October 13th** - TBA	
November 17th—TBA	

\* - Board Meeting will be held prior to meeting

\*\* - Meeting is not on 3rd Saturday



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Official Photographer of the 2017 Keystone Clash

# ABOUT THE ACLC™

Established in 1972, the Aquarium Club of Lancaster County is dedicated to further the study of all forms of aquatic life, to promote interest, exchange ideas, distribute information concerning the aquarium hobby and to encourage the breeding and display of aquatic life. The ACLC is an affiliated member of the Northeast Council of Aquarium Societies, Federation of American Aquarium Societies, International Guppy Education & Exhibition Society and the C.A.R.E.S. Preservation Program. The ACLC also actively supports and encourages our members to join the American Cichlid Association, American Livebearer Association, American Killifish Association and any other International, National, Regional or Local Club and Societies. In 2015 we hosted the American Livebearer Association Convention and in 2016 established the Aquatic Life Education Fund.

The ACLC is scheduled to meet on the third Saturday of each month (except July and August) at the Hand-in-Hand Fire co., 313 Enterprise Drive, Bird-in-Hand, PA 17505. Meetings begin at 1:00 PM unless otherwise noted. Meetings usually are comprised of a program featuring a guest speaker, raffle and door prizes and a mini fish auction, with a period allowed for mingling and refreshments. The philosophy of the club is such that our activities are interesting to both the novice and advanced hobbyist alike. An effort is made to keep business to a minimum at the general meetings, with the board of directors meeting being held quarterly at a pre-established date and time.

DATE: / /

## AQUARIUM CLUB OF LANCASTER COUNTY - MEMBERSHIP APPLICATION

Individual: \$18 – Secondary: \$12 – Family: \$35 – Junior: \$6 (under 18)

Secondary members must reside at the same address and do not receive an additional newsletter. Membership is effective the month you join. Renewals are due the following year of the last day of the month you joined. Make checks payable to: Aquarium Club of Lancaster County. Mail to: ACLC Membership Chair, 590 Centerville Rd. #318, Lancaster PA 17601

Do you want your phone number and email address published? Yes ( ) No ( )

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Signature of Parent or Guardian if under 18 years: \_\_\_\_\_

How did you hear of the Aquarium Club of Lancaster County? \_\_\_\_\_



# 2018 OFFICERS, DIRECTORS & CHAIRPERSONS

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Member-at-Large	Clair Klinedinst	<a href="mailto:mal2@aclcpa.org">mal2@aclcpa.org</a>

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# AQUATIC LIFE EDUCATION FUND

In January 2016, the Aquarium Club of Lancaster County Board of Directors announced a new program, the ACLC Aquatic Life Education Fund. This program has been instituted to assist schools in our area with funding for the continued development of curriculums related to the study of aquatic life. The importance of continued education of young people in this field could not be overstated and we felt that there is no better way to show our support than to develop a means for our club to assist financially.

The program works as follows:

- Five percent (5%) of the ACLC's auction proceeds annually between September 1<sup>st</sup> and August 31<sup>st</sup> will be earmarked for this fund
- The ACLC will also collect any donations offered by members and guests at all meetings and events held during the year and put 100% of those into the fund
- In 2017 the ACLC BOD decided that the moneys we collect from Amazon Smile will also be used to fund the ALEF.
- The ACLC will accept nominations from ACLC Members in good standing, for schools to be considered recipients beginning in September of each year and the decision will be made by a vote of the ACLC membership no later than at the March General meeting.
- Nominations should be accompanied by a letter from that school's representative with a description of the program the funds will be used for.
- Schools must be pre-college education facilities from neighboring counties in Pennsylvania, Maryland, Delaware and New Jersey.
- No fees or other costs will be deducted from the funds collected. 100% will go to the school selected by the ACLC. A check will be awarded to that school as soon as possible after August 31<sup>st</sup> each year.

We look forward to this being and long term annual program to help educate our areas' young people in all aspects of our hobby and to promote the conservation efforts necessary for the continues existence of aquatic life.

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# AQUATIC LIFE EDUCATION FUND MARCH 2018 REPORT

Thank you folks! We have passed the 2/3 mark in our goal for 2018! Even though we have 4 more meetings before we present the money to North Penn H.S., that doesn't mean we should lay back and relax We are going to have the pleasure of hosting the 2 instructors of the North Penn High School program as speakers at our June Meeting and it would be great to have a good portion of the funds raised by then. !

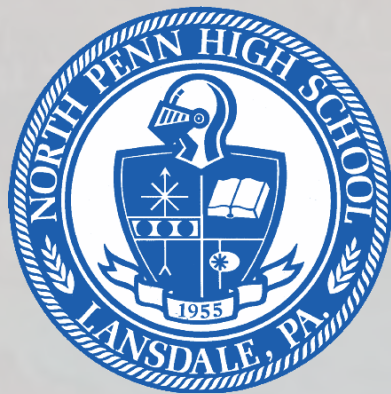
Let's keep up the good work and raise some money for this worthwhile group of young people!

If you have any questions, please contact me at [ALEF@aclcpa.org](mailto:ALEF@aclcpa.org).

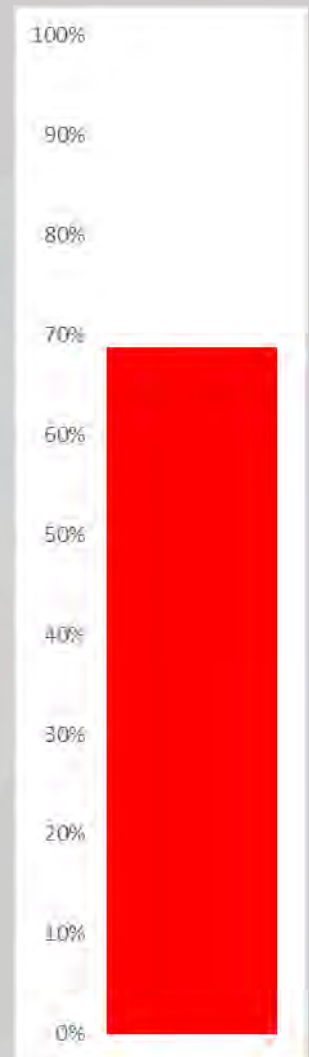
Thank you

Kurt Johnston

ALEF Chair



**2018 Goal = \$650.00**  
**Current = \$446.77**



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# Corydoras CW124

## Collecting, Keeping & Breeding an undescribed catfish species from Peru

by Don Kinyon

If ever you have the chance to venture to South America (or anywhere else) to collect your own fish, don't think about it: just do it.

In October of 2017 I was fortunate enough to be included on a collecting trip to the Madre de Dios area of Peru and I wouldn't trade the experience for anything. We were able to collect a variety of fishes, with our sights set on *Corydoras* species. One of the species that we found was a yet undescribed *Corydoras*: the CW124.

CW124 is an average size species for a *Corydoras* with the males reaching around two inches and the females just a little larger, perhaps two and one-quarter inches. This is a long-nosed species. The body color is a charcoal pattern over a white background, with the pattern being darker and more distinct on the males. The pattern coloration is darker near the center of the body and fades out toward the outer edges and the tail. The fins are clear for the most part, but on some individuals the first ray of the dorsal and pectorals fins is dark. Under light, the head will reflect a metallic green; again, more prevalent in the males. The females body is a little more stout than the male, but the dimorphism is not as great as it is with others of the genus.

We collected these fish on pastureland in the Madre de Dios area. It was fair walk to the site from the road, but well worth it. The collecting area consisted of a small pool and outflowing stream. Water came

(Continued on page 13)



CW124 habitat - Photo by David Snell

Background photo of CW124 habitat by David Snell



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into the pool from a very shallow, swampy area of the forest. The pool itself was perhaps 15 feet across, 30 or 40 feet in length and 2 feet deep. The stream flowing away from the pool was very small and shallow: in many spots you could walk across with one step and barely get your ankle wet in the middle. Most of the pool was exposed to the sun, so the temperature was much warmer than most keepers' idea of *Corydoras* temps: 81° F. The farther downstream the water flowed into the forest, the cooler it became. The pH was between 6.5 and 7.0, TDS at 16ppm.



CW124 Eggs—Photo by Author

We collected a variety of fish in the small pool and stream; *Corydoras*, *Ancistrus*, and Characins. Most of the adult CW124 were found in the pool, while many of the younger of the species in the outflow stream. For conservations' sake, we only took adults and limited ourselves to 12: three pair for me and three pair for another member of our group.



First caught CW124— Photo by David Snell

Our guided collecting tour provider, Go Wild Peru, has an aquarium room on site with plenty of soft water at the perfect temperature for water changes, so keeping the fish healthy for the week was made relatively easy. One of us (usually me) did water changes daily at a rate of 30 to 50 percent. All the CW124 were in very good shape when we left at

(Continued on page 14)



(Continued from page 13)

the end of the week, and several weeks later when they were shipped to the US, they were still very healthy.

Once the fish came home, their new digs consisted of a 55-gallon aquarium; not because I thought the six fish needed that



much room, but it was the only thing available at the time. I tried to duplicate the conditions of their natural home, filling the tank with almost 100% rain water and using two outside filters along with a small wavemaker for current. The bottom of the tank had a thin layer of brown sand. A few broad-leaved *Anubias* and some sunken wood gave cover for the wild fish. One yarn mop was hung near the wavemaker, looking like a bunch of water plants caught in the flow of the stream. pH was 6.0, TDS at 55 ppm, and temperature was 70°F; much cooler than their natural home.

The first thing that was noticed about this species is that they're very active fish, and on the aggressive side (for *Corydoras*). The males almost constantly chased each other and sometimes the females would join in as well. There was a lot of bumping and sparring, but nothing that looked like it was a danger to the fish's health. With all the activity going on, it's probably a good thing the larger tank was the only one I had available for these fish at the time.

A few days after they arrived, one of the males was found dead; wedged behind the uplift tube on one of the HOB filters. I'm not sure what happened, whether it was the aggression of the other males or perhaps a wound or disease from the shipping process. None of the other fish showed any signs of distress.

After the new catfish had been in their new home for a few weeks, they became even more active and spent a good deal of their time swimming into the current produced by the filters and wavemaker. One morning while feeding them, I noticed that two of the females were swimming right into the mop which was still flowing in the current from the wavemaker. Removing the mop and making a quick inspection revealed many very small, dark amber colored eggs: about 1mm in diameter. That mop was taken to a hatching tank of around 6 gallons, filled with water from the breeding tank. I replaced it with a clean mop and set watch on the hatching tank. Besides the mops, the hatching tank held a sponge filter, a thin



layer of sand, and some java moss.

It took two days for the first free swimming CW124 to emerge, and they were difficult to see in the brown sand. At that time, I checked the mop in the breeding tank. It was loaded up with eggs, just like the first, so it was added to the hatching tank as well. Two days later, the process was repeated, with more eggs in another mop added to the

(Continued on page 15)



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hatching tank. Now it was time to stop: no more empty tanks to put mops into and when



the hatching tank was flashlited after the room lights were out, so many fry were present that it appeared the sand itself was moving.

It was hard to estimate the number of young catfish, but I'd guess somewhere between 100 and 150 had hatched out in the small tank. This created a real problem with crowding. Call it a blessing in disguise or not, but I was kept out of work for several months recovering from rotator cuff surgery due to a misadventure with a log splitter. This was very good for my fish room maintenance, but not for all other aspects of life. With nothing but time on my hands, one-armed water changes once or twice a day became the routine. The changes were small at first; maybe 15 or 20 percent for the first few weeks, giving the young fish's air bladders to develop, then larger changes of around 50% were the norm. Even in such a small tank, all the fresh water kept the fish healthy and the tank clean. Eventually, I started using tap water for the changes; pH of 7.2 and TDS of 140 ppm. There was no heater in the hatching/rearing tank and the temperature remained in the low to mid-seventies.

Feeding the young isn't difficult. They always seem to be hungry and accept anything that they can fit into their small mouths.

Microworms, decapsulated brine shrimp eggs, *Golden Pearls* and other micro foods were fed in rotation twice a day. Even with all the good food and fresh water, these *Corydoras* grow slowly. At three weeks they were just over one quarter inch in length and at five weeks, barely three eighths. They are very active both day and night, much like the parents and a very interesting fish to watch.

At this writing the young catfish are six weeks old and looking very healthy. Though not common in the hobby and quite possibly not imported to this point, I believe this *Corydoras* will be a popular fish in the future among both Catfish enthusiasts and general hobbyists. With the ease of care and prolificity of this fish, I don't believe it will be uncommon in the hobby for very long.

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# Piscatorial Pearls

*“Reviewing Aquarium Society Newsletters from Around the World”*

This month we begin our journey in Ohio with an article in the January/February 2018 issue of the [Greater Akron Aquarium Society’s Tank Topics](#). This article is part one of [“A Classroom Tank Made Easy as 1,2,3!”](#) by Steve Brunn that begins to tell us how Steve assisted in the setup and maintenance of a fish tank in his daughter’s middle school.

We head to Ontario for 2 stories in the January 2018 edition of the [Kitchener Waterloo Aquarium Society’s Fins & Tales](#). The first story is a road trip story by Zenin Skomorowski who tells us all about his experience at the [“National Aquarium of Baltimore”](#). The other story is a BAP article titled [“Corydoras paleatus”](#) by Stuart Morley. Stuart give us a good description of his successes with this cory cat.

Our next stop is down south in the State of Florida for 3 articles in the January 2018 issue of the [Tampa Bay Aquarium Society’s The Filter](#). The first article is titled [“Chemical Treatment of Ectoparasites Afflicting Fish”](#) by Joe Gargas. This is a very detailed description of the causes and treatments of several problems that affect our fish. The next article is the first in a series titled [“On the Wild Side...Bettas”](#) by Bill Little that gives a good introduction to what seems like a great series of articles. The last article in this issue is simply titled [“ZAP!!!!”](#) by Patty Moncrief that describes

Patty’s experience with an electric stingray and explores the other freshwater and marine species that we need to be cautious with.

Our next stop is back in Pennsylvania for 3 stories in the February 2018 edition of the [Greater Pittsburgh Aquarium Society’s Finformation](#). The first story is an excellent story by Regina Sptti that gives us details of Regina’s success in spawning [“Alestopetersius cf nigropterus, AKA the Orange Flash Congo Tetra”](#). The second story is titled [“A Visit to Grove City Agway & Pets”](#) by Scott Graner that give us a reason to stop in the area whenever we are out that way. The final story this edition is titled [“GPASI Memories”](#) by Neal Schorr that gives us a taste of Neal’s background with GPASI as well as a reprint from an older edition

of Finformation.

We now head east to New Jersey for a couple of articles in the February 2018 issue of the [North Jersey Aquarium Society’s Reporter](#). The first article is by NJAS president Jason D’Ambrosio that describe the success that Jason had in [“Breeding Potamotrygon leopoldi—The Black Diamond Stingray”](#). The other article in this issue is titled [“The Fabulous Congo Tetra”](#) by Moe Lester that gives a good description of this beautiful characin.

Our final stop this month is on the West

*(Continued on page 17)*

## **IMPORTANT**

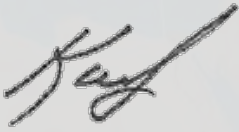
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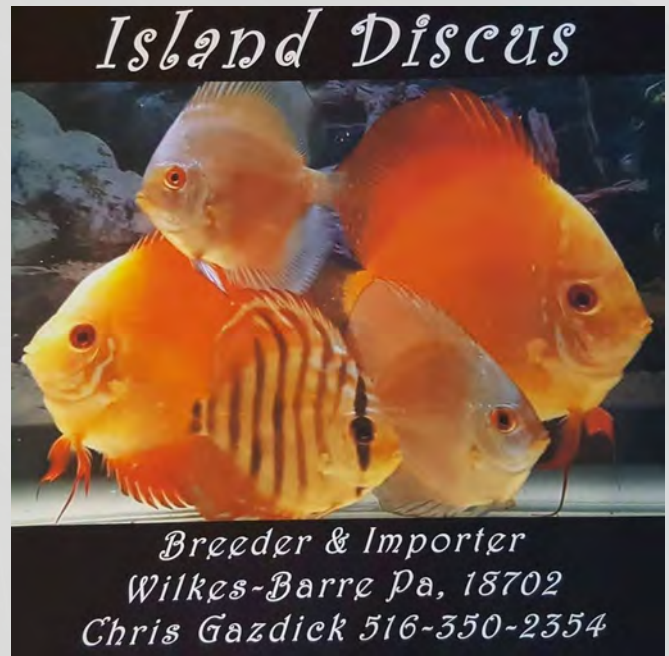
(Continued from page 16)

Coast for a story in the February 2018 edition of the [Sacramento Aquarium Society's Tropical News](#). This story titled "[Fragmented Memories of a Life with Fish](#)" by Joe Murchison is an excellent accounting of 60 years in the aquarium hobby by a devoted aquarist.

See you on the 21st!



Kurt Johnston – Exchange Editor  
[exchange@aclcpa.org](mailto:exchange@aclcpa.org)



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# THE TRAVELLING AQUARIST

## A Visit With

# Cheesehead Fishheads

By Joel Antkowiak

During the inaugural Keystone Clash, Ted Judy approached me to inform me of how much he enjoyed my presentation on killifish. I thanked him and thought nothing more of it until a few weeks later, when I received an invitation from one of Ted's cohorts in his home club in Madison, Wisconsin. The invitation was to speak at a Madison Area Aquatic Hobbyists (MAAH) meeting, as well as the Milwaukee Aquarium Society (MAS). An all expenses paid trip to cheese country...who wouldn't want that? I was given my choice of most of 2017's meetings, and I chose March, as that seemed to be the first month that weather shouldn't really be a consideration and most other open dates conflicted with my work schedule. Of course, we had a blizzard warning earlier that week and a foot of snow on the ground at my house. Off to a great start.

Their clubs' meetings are the 3<sup>rd</sup> Friday (MAS) and Saturday (MAAH) of the month. This arrangement usually means the clubs can share expenses when it comes to speakers and it works out well for them. This month the MAS meeting would fall on St. Patrick's Day – if I were a beer drinker I would think there would be few places I would rather be on St. Patrick's Day than Milwaukee, WI. But I am not a beer drinker, and that was fine as these clubs had made arrangements to entertain me otherwise.

I was greeted at the airport by former ACLC member Andy Hudson, who now works for Aqueon. After a quick lunch stop, Andy took me to the various Aqueon facilities for a tour. Aqueon is part of Central Garden and Pet, which is how all of the facilities are branded. Our first stop was the liquids and powders packaging facility, where such things as water conditioners are bottled, and sea salt is

packaged. They work a 4-day week, and the plant was for the most part idle during our visit, so I only got to see the machinery and got Andy's explanation of the process.

The next stop was the aquarium manufacturing facility and warehouse. This place is HUGE. I always thought my 150 gallon tank looked big in my fish room. Here, they are so tiny looking when stacked six high, two wide and 30 deep next to 210 gallon tanks similarly stacked. And



*Figure 1: The Home of Aqueon!*

this represents but a small percentage of the volume taken up by tanks. The bulk of the warehousing space was filled with 10 gallon tanks, 20 gallon tanks, and small aquarium kits.

Aquarium manufacturing also takes place in this facility. There are glass cutting machines that take huge sheets of glass and turn them into the right size panels for various sized aquaria. Panes of glass for larger aquaria are brought in at the right size already. The cut glass goes to the aquarium assembly area, where employees work in teams of two. I am told that a 10 gallon tank can be assembled in

*(Continued on page 19)*



(Continued from page 18)

less than 10 seconds by these teams.

The final stop on the tour was the research and development lab. The lab is equipped with many aquaria where they test the efficiency of new products. I saw a new aquarium that is being released soon, the Ascent Series, which you know by now if you are following the ACLC on Facebook. I also saw a new canister filter. And folks, Aqueon maintains several CARES species in this lab. Very cool.

Next on tap was a trip to a few local shops. My good friend Joe Doyle (who will be our guest speaker in May) in Pittsburgh said I had to go to a place called “Best Fish”, and so Andy obliged. This shop is about 4 blocks from the Bradley Center, which would not normally warrant mentioning except that this was the opening weekend of the NCAA Basketball Tournament, and there were first round games in Milwaukee, at the Bradley Center. This made the travel a bit dicey, but we made it and went in.

Best Fish is an older store, and I was told that it used to take up the entire building in which was located. If that is true, it was gigantic. As it was, the store is a decent size, with freshwater aquaria wrapping the outer walls, and saltwater aquaria filling the center aisle. The fish seemed healthy and were not badly priced. The freshwater selection was a bit lacking during this visit, but the marine section seemed well stocked.

Aquatics Unlimited was the next stop. This is a much bigger place and much more modern. They got me several times with the old “tag on the tank but no fish to be found” trick. Gets me every time. Blue gularis! Nope. Dwarf red gularis! Got me again. This place had a big selection and most of the livestock looked healthy here as well. It is a bit more pricey than other stores though.

After checking me into, as Andy says, “the luxurious Holiday Inn Express in New Berlin, WI as featured on the *Average Hotels in the U.S.* episode of *Lifestyles of the Middle Income and Relatively Unknown*,” we headed to the meeting. The meeting was held at a bowling alley slash restaurant in one of the private rooms. It was a cozy set up, and the program went well. The turnout for this meeting was not what they are used to, as St. Patrick’s Day

celebrations seemed to keep people away, probably drinking that Milwaukee beer I alluded to earlier. And it was probably green. No worries though, as the 25-30 or so folks that did come seemed to enjoy my presentation, and we had a nice discussion afterwards. The meeting auction consisted of donated items, either BAP or HAP or anything anyone wanted to donate to the club. I did not pick up anything new here, but was hopeful the next meeting would have an interesting offering. Afterwards, the restaurant set up tables for the club to have dinner right in the meeting room, and they dispatched a waitress to serve us. It was quite nice. Being a Friday in Lent, I opted for the all you can eat fish fry, which was not disappointing.

Another MAS member, Tim Pilat, shuttled me back to the hotel after dinner, and after a good night of rest – the Holiday Inn Express in New Berlin is indeed quite comfy – I was up early to meet Dan Randall, who would be my chauffeur for the day. Dan is a member of both clubs. Our first stop was the fish room of Jeff Michels, who had recently moved. Jeff has quite a few dwarf cichlids, as well as some rainbows, killies, *Corydoras*, tetras and other fishes. Jeff is planning a second fish room, and there were several new 125 and 30 gallon breeder tanks stacked on his porch, awaiting deployment in the second fish room.



**Figure 2: Jeff Michels in his first fishroom**

Nearby lives Jerry Michels, Jeff’s father, who has a nice fish room of his own. Whereas Jeff’s fish room is heavy on cichlids, Jerry’s is rich in livebearers, both Poeciliid and Goodeid. He

(Continued on page 20)



also keeps a few suckermouth catfish. Both gentlemen were interesting to talk to. But Madison was a long drive away, and so we headed out. We still had one more stop to make before reaching the MAAH meeting site – I had to get some cheese!



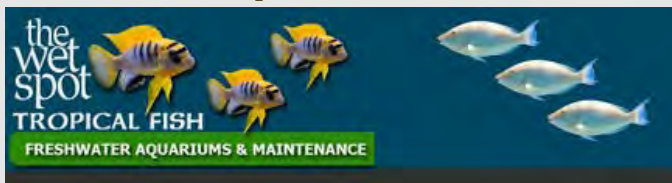
**Figure 3: Angelfish in Jeff**

After a brief stop at Jim’s Cheese Shop, where I picked up a small wheel of 3 year aged Wisconsin cheddar, as well as a block of 6 year aged and one of 10 year aged, we finally arrived at the MAAH meeting. These folks also meet at a bowling alley, and they had gotten bumped from their usual room. The result was another cozy arrangement, but with many more people this time – perhaps 50. After some club business was discussed, a contest was run for the most interesting dead/near dead fish story. My chauffeur was the winner. It was time for my presentation, and the folks in MAAH seemed to like it. There was a lot of cheering throughout which I enjoyed, until I realized that the University of Wisconsin was in the process of upsetting Villanova in the NCAA tournament and the people in the bar area were actually watching that L Lots of Q & A and some interesting discussion, and then it was time for their auction. MAAH runs their auction similar to ACLC, utilizing MyGroupAuctions, with folks bringing in their extra fish. I had noticed a few pre-registered items that I was interested in, and was able to pick up 2 new creatures for my tanks – *Xiphophorus pygmaeus*, which has been featured in *Amazonas* a year or so ago, and some “blue jelly shrimp.” They all made it home alive and hopefully I will have some to spread around soon.

After dinner with the MAAH crew – which included a couple of BCAS transplants whose names I can’t recall – Dan returned me to the hotel, where I watched a little basketball before turning in. My flight home was early Sunday morning, and once again Tim Pilat showed up to haul my butt to the airport. A smooth flight home and traffic free ride from the airport had me home by 1:00, and the new acquisitions were put away.

It is always great to get invited to speak at another club, but this was especially nice because there are a lot of good killifish keepers that are a lot closer to these clubs than I am. And my invitation was the result of a respected aquarist being present for my program. I got to meet a bunch of new people who are great fish people and just great people in general. Cheesehead fishheads are great folks!

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**Figure 4: Jim’s Mascot**





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Sunday Auction: Show and New & Rare Fish

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# BREEDER AWARD PROGRAM

## MONTHLY REPORT

### BAP NEWS AS OF MARCH 31ST, 2018

Great BAP excitement in the past two months! A salt water spawn, and two Target fish, one a Rasbora! And a central American cichlid, a west African killifish, and a snail, as well.

First, the salt water spawn. Bob Kulesa, an ACLC Expert breeder, has not been real active in BAP since I've been coordinator. Now we find out why. He's been busy spawning REAL HARD species. In February he reported the spawn of a salt water shrimp, one which has a larval stage, no less. I was unfamiliar with the species, and it took a little homework to validate that it was actually a legit salt water species. I think there may be a back story to the acquisition of the shrimp, but we'll have to wait for a Tank Tales article to find out. Then in March, he reported the spawn of a Target anabantoid, the lovely and rare *Betta macrostoma*., a mouth-brooding wild betta. (Hey, Bob, this is a CARES fish, if you get it registered, there's a CARES bonus in BAP points. Of course, you will probably be bothered by CARES national people who want to buy the fry, once it's in the registry). This fish is known to be seriously difficult (that's why it's a Target fish, and worth maximum points), so serious congratulations are in order for Bob. (Also, the shrimp is the first salt water species on my watch).

Then there is Danny Corman. Danny is a slow but steady BAP contributor. Every few months I'll get a spawning report from him, usually a species not uncommon in the trade, but unusual in BAP. Danny travels the road less taken. This month, he spawned the known-to-be-difficult Harlequin Rasbora, another Target fish. This species has spawning idiosyncrasies that Danny will hopefully describe in Tank Tales in the near future. This is awesome. In my 5 or so years as BAP coordinator, NOBODY has spawned a Rasbora, and I've been agitating for somebody to do it. In fact, I can't find a record of ANYONE in ACLC spawning a Rasbora. Plus, Danny didn't spawn one of the easy rasboras, he spawned the KING of the rasboras. So major league congrats to Danny.

So, the old-timers have come back with a vengeance. Let's not forget spawns this last couple months from veteran BAP folk Rich Bressler and Gary Boyer. The veterans are coming through for BAP. Let's hope our newbies are just hoarding their BAP points and donation fry, and we'll see a crop of them at the April meeting.

~Gary Haas, BAP Chair

### FEBRUARY—MARCH SPECIES BRED

Danny Corman

*Trigonostigma heteromorpha*

*Aphyosemion celiae*

Bob Kulesa

*Halocardina rubra*

*Betta macrostoma*

Gary Boyer

*Melanoides tuberculata*

Bressler Family

*Archocentrus sp Honduran Red Point*



## 2018 BREEDER OF THE YEAR

Danny Corman	59 points
Bob Kulesa	55 points
Paul Bricknell	36 points
Gary Haas	20 points
Bressler Family	20 points
Gary Boyer	7 points

## 2018 SPECIES BRED

Paul Bricknell	2 species
Gary Haas	2 species
Danny Corman	2 species
Bob Kulesa	2 species
Gary Boyer	1 species
Bressler Family	1 species

# BAP LIFETIME ACHIEVEMENT AWARDS

## CURRENTLY ACTIVE ACLC MEMBERS

### F. WAYNE CALENDER BREEDER

Bressler Family	1978 pts
Wayne Calender	1593 pts

### 3 STAR BREEDER

Danny Corman*	577 pts
---------------	---------

### GRAND MASTER BREEDER

Paul Bricknell	2039 pts
David Stephon	1120 pts
Pedro Sanchez	1050 pts

### 2 STAR BREEDER

Gary Haas*	554 pts
Clair Klindedinst*	235 pts
J/N Dickel	178 pts

### EXPERT BREEDER

Bob Kulesa*	867 pts
-------------	---------

### 1 STAR BREEDER

Glenn Davies*	140 pts
Dave Frehafer	90 pts
Scott Shenk	70 pts
Robin Antkowiak	57 pts
Kurt Johnston	56 pts

### ADVANCED BREEDER

Joel Antkowiak*	1278 pts
Haas/Rollings*	935 pts
Gary Boyer *	722 pts

### OTHER PARTICIPANTS

Wesley Bahrt	47 pts
Charles Vickery	39 pts
Lonny Langione	35 pts

*\*Breeder has enough points for next higher class award but needs to complete one or more classes to achieve the award.*

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# SPECIALIST BREEDER AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

## CLASS 1—LIVEBEARERS

Paul Bricknell (A)      Wayne Calender  
Bob Kulesa              Pedro Sanchez  
David Stephon         Joel Antkowiak (X)  
Bressler Family (X)    Gary Boyer (A)  
J/N Dickel              Haas/Rollings (A)  
Clair Klinedinst        Danny Corman

## CLASS 2—CATFISH

Wayne Calender        Bob Kulesa  
Bressler Family

## CLASS 3—BARBS & MINNOWS

David Stephon         Paul Bricknell  
Bressler Family

## CLASS 4—CHARACINS

Wayne Calender        David Stephon  
Danny Corman         Bressler Family

## CLASS 5—KILLIFISH

Bob Kulesa             Wayne Calender  
Pedro Sanchez         Paul Bricknell (M)  
Bressler Family        Gary Haas

## CLASS 6—ANABANTOIDS

Bressler Family

## CLASS 7—NEW WORLD CICHLIDS

Bob Kulesa             Pedro Sanchez  
David Stephon         Bressler Family  
Paul Bricknell         Haas/Rollings (A)  
Gary Boyer

## CLASS 8—OLD WORLD CICHLIDS

Bob Kulesa             Joel Antkowiak  
Bressler Family        Paul Bricknell  
Gary Boyer              Haas/Rollings

## CLASS 9—RAINBOWS & BLUE-EYES

Bressler Family

## CLASS 11—OTHER AQUATIC ANIMALS

Bob Kulesa             Joel Antkowiak  
Bressler Family        Haas/Rollings  
Paul Bricknell

## CLASS 12—U.S. NATIVE SPECIES

Wayne Calender        Paul Bricknell  
Bressler Family

## CLASS 14—ALL OTHER FW FISH

Bressler Family

## SPECIAL NOTES

(A) - Designates Advanced Breeder for that Class

(M) - Designates Master Breeder for that Class

(X) - Designates Expert Breeder for that Class

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# BREEDER AWARD PROGRAM INFORMATION

All ACLC Members in good standing are eligible to participate in the breeders Award Program.

The purpose of the ACLC Breeders Award Program is to promote the keeping and breeding of tropical and marine fish and invertebrates, to recognize and motivate achievement in the hobby, to encourage the development of the skills and knowledge necessary to spawn more difficult species ,to support the CARES program by encouraging the spawning of species endangered in the wild, to share knowledge about breeding techniques and to publish accounts of spawning techniques.

Please use the form on this page to submit spawning reports or for a full copy of the BAP rules and an electronic form submission, go to our website at <http://aclcpa.org>

The Aquarium Club of Lancaster County - Spawning Report					
Member Name:		Member No. #:		Date:	
Scientific Name:					
Common Name:					
If this is a CARES eligible species, have you registered it in the CARES Program Y/N?					
Tank Tales Article Written Y/N ?			Fish Donated in Auction Y/N?		
Comments:					
Class:		Group:		Points:	
Confirmed by:				Date Confirmed:	

The Aquarium Club of Lancaster County - Spawning Report					
Member Name:		Member No. #:		Date:	
Scientific Name:					
Common Name:					
If this is a CARES eligible species, have you registered it in the CARES Program Y/N?					
Tank Tales Article Written Y/N ?			Fish Donated in Auction Y/N?		
Comments:					
Class:		Group:		Points:	
Confirmed by:				Date Confirmed:	

# The Big Fish Deal 2018

by Karen Haas

The Big Fish Deal has been presented by the Capital Cichlid Association each year for the last 6 years in the Washington D.C. area. The event is a mini-convention which starts at 7:30pm on Friday night. The timing allows many people to not miss the first presentation



even if they had to work that day. The remaining talks are on Saturday. Sunday is a flea market instead of a big auction. The talks, vendor room, and market place are all in the same room which makes everything easy to find.

This is at least the third year that Joey Mullen

has been a speaker at the event. This year's other speakers were Jim Cumming, Julian Dignall, and Rachael O'Leary. I believe Rachael has given a presentation every year. This is her home club, so I expect she will be a presenter for the next few years. The speakers were approachable, even Alan was able to speak to Julian Dignall and ask him about the Medusa plecocs we purchased from Josh at Batfish



Aquatics. Jim Cummings was eager to finally be able to talk to Alan face to face, rather than through Facebook. They reminisced about how

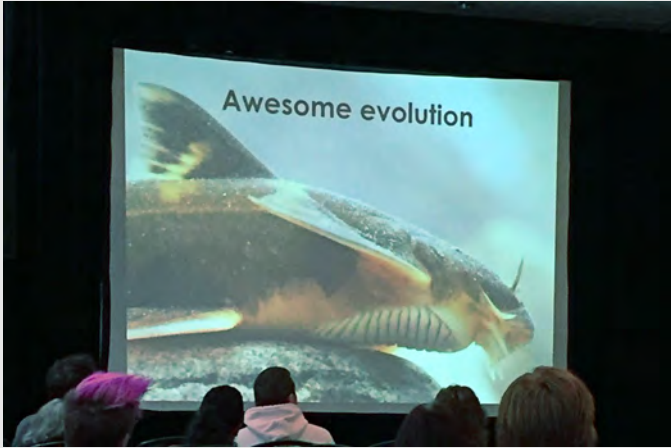
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they started their adventure in this hobby and how it has changed over the past 40 years.

Joey gave one presentation about how the aquarium hobby saved his life, his rise to fame

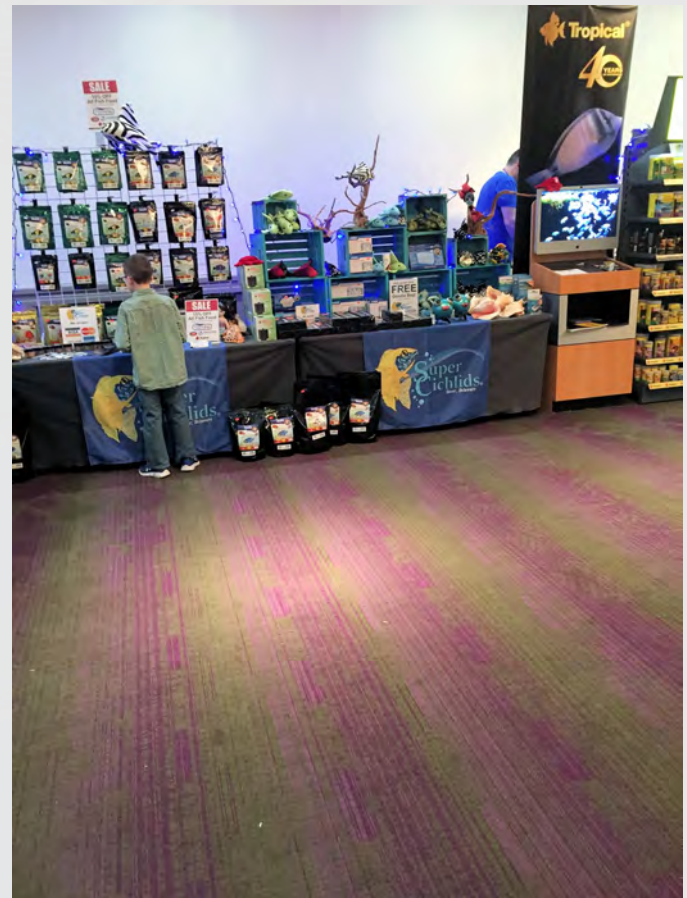


via YouTube, and building his Aquarium Gallery. He was also present the next morning for the “Meet the Speaker” panel. His Friday night presentation was probably the best attended presentation compared to the other speakers. Those that didn’t return to hear the other presentations really missed out on the



opportunities on learning to better care for their fish or to be introduced to types of fish they never knew existed.

Jim Cummings gave two presentations on fish from opposite sides of the world. The first one was about bigger South American Cichlids such as Chocolate Cichlids, Severums, and Eartheaters. He briefly touched upon Uruguay cichlids that he keeps outside in a pond during the summer. His second talk was about the Cichlids of Madagascar. Jim is keeping almost every available species of Cichlid from Madagascar. He has been very successful in breeding them also. Jim is very knowledgeable



about the fish he keeps and is very willing to share his knowledge to others so that they can be successful too.

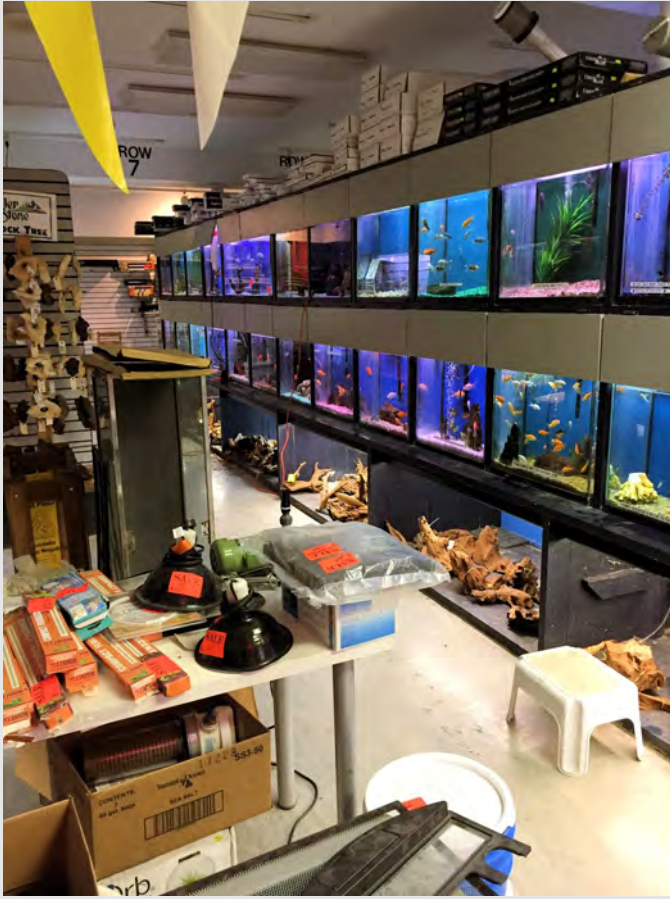
Julian Dignall specializes in catfish, particularly plecos and sucker mouth type catfish. We’ve heard his talks before at other conventions we’ve attended. His underwater videos of the Rio Xingu and the zebra pleco in its natural habitat are wonderful. His second talk introduced us to other types of sucker catfish in other parts of the world that have evolved

(Continued on page 28)



(Continued from page 27)

sucker type apparatus to help them cling to rocks in their swift water habitat.



On the opposite end of the spectrum, Rachel's presentation was on keeping nano sized fish in larger aquariums. This allows the fish to be maintained in larger groups and have more success with breeding them.

The vendors were in the same room where the talks were taking place. There are benefits and drawbacks to this. It encourages attendees to browse what's for sale between talks. But with everyone trying to shop within the 15 minutes between talks it can be too crowded and discourage some of us from being able to make purchases. Another drawback is the few people that try to shop during the presentation end up talking instead of whispering which is distracting from the presentation going on. One benefit for the vendors is being in the same room allows them the opportunity to hear the presentations. That doesn't happen at other conventions.

Saturday dinner was a buffet style Hors

d'oeuvres which was included with the registration cost. While we were eating, the awards for the Aquarium Beautiful competition were announced and the winning raffle tickets were drawn. There were not as many aquarium set-ups this year most likely due to the new location or the snow storm we received that day. The aquascaping that we witnessed was phenomenal and inspiring. We can also report that the food in the hotel's restaurant was very good. In the break between the awards presentation and the rare fish auction, we were able to walk a couple of blocks to Congressional Aquarium. We were impressed with how big the store was the wide range of fish species that were there. They also had a reptile section.

We reserved a sales table for the Sunday marketplace event. It was very well attended by people wanting to buy species not seen in local fish stores and gently used equipment at a discount. We sold almost everything that we took along for this part of the convention. Every family of aquarium fish seemed to be represented on the swap tables.





# More Photos from BFD 6





# HORTICULTURAL AWARD PROGRAM MONTHLY REPORT-MARCH 2018

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## SPECIES PROPAGATED—MARCH 2018

### WES BAHRT

Hydrocotyle tripartita\* 20 points

### JOE YANIK

Hygrophila corymbosa 'Kompact' 10 points

Ceratopteris thalictroides 5 points

\* indicates that plant was donated to club auction (2x points)  
+ indicates plant was donated & article submitted to Tank Tales  
# donation points only—plant was registered earlier

### PROPAGATOR OF THE YEAR

Wesley Bahrt 3 species

Joe Yanik 2 species

Bressler Family 1 species

### GARDENER OF THE YEAR

Wesley Bahrt 50 points

Joe Yanik 15 points

Bressler Family 10 points



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## LIFETIME ACHIEVEMENT AWARDS

### **2 Star Gardener**

Gary Haas  
Bressler Family  
Wesley Bahrt

### **Novice Gardener**

Clair Klinedinst  
Karen Haas  
Joel Antkowiak

### **1 Star Gardener**

Gary Boyer  
Alan Rollings  
Scott Sommer  
Charles Vickery



# WRITER'S & ARTIST'S AWARD PROGRAM

---

I was hoping to have the report from the NEC convention and the Article Competition. I am aware of one award but will withhold announcements until we have the full report. I know we had a fantastic group of entries and as one of the editors', I am very proud of our contributors.

I am still trying to catch up with awards and as you may have read in our President's message, I will be stepping down from most of my positions due to time constraints. Please consider stepping up to help your club. It is well worth the time you'll invest.

~ Kurt Johnston  
WAAP Chair

## 2018 MIGHTY FIN STANDINGS

*THROUGH APRIL 8, 2018*

Joel Antkowiak	135 points
Don Kinyon	100 points
Kurt Johnston	60 points
Rich Bressler	40 points
Jim Stokes	30 points
Dan Taylor	20 points
Karen Haas	20 points
Alan Rollings	10 points

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# CLASSIC CICHLIDS

## THE DRAGON OF CICHLIDDOM

### ...Firemouth

#### Photos & Story by Joel Antkowiak

The firemouth cichlid, *Thorichthys meeki*, has a long history in the aquarium hobby and this old stalwart is certainly aptly named. The fish displays a fiery red under belly that extends into the lower jaw and sometimes even further into the head. The base body color is gray to brown and some individuals also display vertical striping. Iridescent blue spangles dot the dorsal, anal and caudal areas and a red edge to the dorsal completes the fish. A striking animal.

But it gets even more striking when it is excited. The body will darken and the red underneath also intensifies and when in this condition it is easy to see why this species has been popular in the hobby and trade for so long.

The type locality for *T. meeki* is near Progreso, Yucatan, Mexico. The species can be found in lakes, rivers, sinkholes and springs - mostly in areas of slow moving water. The range of the firemouth is fairly extensive. It extends from the Yucatan Peninsula area of Mexico, south to Belize and into Guatemala and into parts of Honduras, Panama, Nicaragua and Costa Rica. There are several collection locations available in the hobby today, with the most commonly seen perhaps being the Rio Candelaria, Mexico location.

There are also several feral populations of the firemouth cichlid that are known to exist. Of course, There are populations in parts of Florida, where numerous tropical fish farms breed the species. It has also been collected in Mesa, Arizona. Perhaps more surprisingly, there are established populations on Oahu in Hawaii, as well as in Honolulu. There have also

been reports of the species being collected in Puerto Rico.



Figure 1: Head on shot of an adult male firemouth cichlid clearly demonstrating how it got its common name.

The original description of the species was as *Thorichthys helleri meeki* in 1918 by Walter Brind. It was moved to the genus *Cichlasoma* in 1935 as *C. hyorhynchum* and was given the name *C. meeki* in 1961. The currently accepted *T. meeki* was established in 1996 by Sven Kullander. The specific name 'meeki' was given to honor American ichthyologist Seth Eugene

*(Continued on page 33)*



(Continued from page 32)

Meek (1959 – 1914), who compiled the first book on Mexican freshwater fishes.

According to the Cichlid Room Companion, a great website for identifying cichlids from all over the world which is managed by the world renowned Juan Miguel Artigas-Azas, there are nine species within the genus *Thorichthys*. Only a few of the firemouth cousins are occasionally seen in the hobby. The most colorful cousin of the firemouth is probably *T. aureus*, which is rarely seen. More commonly encountered species of the group are *T. pasionis* and *T. maculipinnis*.

While there are reports of the firemouth cichlid reaching upwards of 6 inches in size, males more commonly max out at just under 5 inches, and females just over 3 inches. They are not fussy as to water conditions but do prefer an alkaline pH level and some hardness, as well as warmer water, say 74 – 85 F. They are very peaceable cichlids but may dig in the aquarium substrate. They have a tendency to flare their gills at other fish in their own defense as an intimidation tactic, but rarely does this lead to an attack on the intruder. Of course, when they decide to start a family, like with most cichlids, they become quite aggressive and territorial.

Breeding the firemouth is not difficult as the fish are very good parents and provide great care to their young once they have practiced the routine a time or two. Conditioning the breeders is not difficult these days, with a myriad of acceptable high protein foods available. If you really want good egg production, condition using live foods such as black worms, chopped earthworms, bloodworms, mosquito larvae, etc. Raising the temperature to 80 or 82 helps induce spawning, but my firemouths have spawned at 75. They will lay their eggs on a flat surface in the aquarium such as a rock or clay flower pot. The female lays tan eggs on the spawning site by gliding over it and laying each egg individually one after the other in a line. The male then glides over the eggs and fertilizes them. When all the eggs have been laid and fertilized, the result is a rock neatly covered in eggs. The eggs number in the hundreds. The male and female guard and tend the eggs until

they hatch. They clean the eggs and remove any dead eggs to avoid contaminating the other eggs.



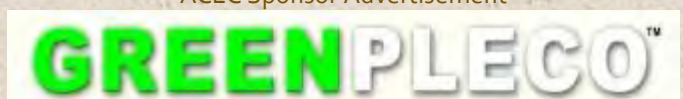
Figure 2: The same fish from figure 1. An excellent specimen that took first place in its class and won the 'People's Choice Award' at the 2011 convention of the American Cichlid Association. He flared at anybody and anything that got near his tank!

The eggs hatch in 3 – 4 days depending on the temperature and are free swimming in another 2 days. At this point they will take newly hatched brine shrimp nauplii as a first food, but if brine shrimp is not available, finely crushed flake food or ground pellets, as well as commercially available fry foods will suffice. The fry can be removed from the breeding tank and raised separate from the parents, but then you would be depriving yourself of one of the great joys of keeping cichlids – watching the parents care for their young.

The rate of growth of the fry will depend on several factors, including temperature, frequency of feedings (as well as quality of food) and frequency of water changes. They will reach an inch in total length in about 8 – 10 weeks. The young fish will become sexually mature and start to pair off in 8 to 12 months.

It is easy to see why the firemouth has been a mainstay in the aquarium hobby for so many years. It is a beautiful species with interesting behavioral patterns typical of new world cichlids, and it is easy to breed. It is generally peaceful and can be kept with a wide variety of tank mates of similar size and disposition.

ACLC Sponsor Advertisement



# C.A.R.E.S. REGISTRATION

## ACLC CARES April Monthly Report

We had no new CARES registrations, but I did receive a couple more responses to the 2017 census, bringing the Longevity scores up to date. If your name has disappeared from the CARES report, it's because I don't have your census information for this year. Just send me an email with a list of the CARES fish in your fishroom and we'll get you back into the CARES report. And for goodness sake register your CARES fish, whether new from the auction, or old from some previous event, with [CARES@ACLC.org](mailto:CARES@ACLC.org).



And let's talk about how to register your CARES fish with the national organization. Ask me, or check out the new CARES website at [caresforfish.org](http://caresforfish.org).

Clair Klinedinst—ACLC CARES Coordinator

### JOEL ANTKOWIAK

Tanichthys micagemmae	●		●		6
Ameba splendens	●	●			6
Tanichthys albonubes	●				5
Pachypanchax sparksorum	●				3
Xenotaenia resolonae	●				3
Melanotaenia boesemani	●		●		3
Melanotaenia eachamensis	●				3
Cryptoheros myrnae	●				2
Bedotia gayi	●				2
Xiphophorus malinche	●			●	2
Zoogoneticus tequila	●				2
Nothobranchius kilomberoensis	●				1
Neotoca bilineata	●				1
Xenotoca melanosome	●				1
Skiffia francesae	●				1

### JOEL ANTKOWIAK (CONT'D)

Neotoca (Skiffia) multipunctata	●				3
Coptodon snyderae	●				3
Ataeniobius toweri	●	●	●	●	3
Coptodon bythobates	●				3
Pachypanchax patriciae	●				3
Rivulus uroflammeus	●				3
Melanotaenia parva	●				1
Chilatherina sentaniensis	●				1
Paretroplus maculatus	●				1
Cryptoheros septemfasciatus	●				1
Characodon lateralis	●				1
Pelvicachromis silviae	●				1
Characodon audax	●				1

### STEVE ARNOTT

Tanichthys micagemmae	●		●		5
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# C.A.R.E.S. REGISTRATION

## GARY BOYER

Xystichromis sp 'Kyoga Flameback'	●				1
Cryptoheros nanoluteus	●				1
Pundamilia nyererei	●		●		1
Ataeniobius toweri	●				
Ilyodon whitei	●				

## RICH BRESSLER

Melanotaenia lacustris	●				5
Tanichthys micagemmae	●		●		5
Bedotia geayi	●		●		3
Zoogeneticus tequila	●	●	●		3
Ataeniobius toweri	●		●		3
Xiphophorus malinche	●		●		3
Glossolepsis incisus	●		●		3
Melanotaenia boesemani	●				2

## PAUL BRICKNELL

Ilyodon whitei (lennoni)	●				
Zoogeneticus tequila	●				
Ameca splendens	●				
Ataeniobius toweri	●				

## JOHN & NATALIE DICKEL

Tanichthys micagemmae	●				4
Zoogeneticus tequila	●				1
Xenotoca eiseni	●		●		1
Ameca splendens	●				
Ataeniobius toweri	●				

## CLAIR KLINEDINST

Tanichthys albonubes	●				2
Tanichthys micagemmae	●				2
Chapalichthys encaustus	●		●		1
Xiphophorus kallmani	●				1
Xiphophorus malinche	●				

## KAREN HAAS & ALAN ROLLINGS

Synodontis brichardi	●				2
Glossolepis incisus	●				2
Chapalichthys encaustus	●		●		2
Cryptoheros nanoluteus	●		●		1
Xystochromis sp 'Kyoga Flameback'	●		●		1
Characodon lateralis	●				1
Ataeniobius toweri	●				1
Ilyodon whitei	●		●		1
Pundamilia nyerei	●		●		1
Ameca splendens	●		●		1

## GARY HAAS

Fundulopanchax sjoestedti	●	●			3
Fundulopanchax amieti	●		●		2
Puntius titteya	●	●			2
Tanichthys albonubes	●				2
Melanotaenia boesemani	●				1
Nematolebia papiliferus (Inoa)	●				1
Nothobranchius kilomberoensis	●				1
Puntius denisonii	●				1

ACLC Sponsor Advertisement



# 2018 Burlington Aquarium Fish, Frag and Reptile Swap Meet



**Saturday, April 14, 2018**

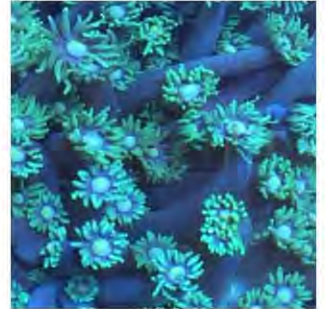
11:00AM – 3PM

Holiday Inn, Williston RD, South Burlington

Free Admission

Door Prizes and Raffle

Fun Family Event. All are Welcome.



**Come see what other hobbyist breeders have to offer!**

## What to Expect:

Local Breeders, Hobbyists and Retailers selling—

- Freshwater fish, shrimp and plants
- Saltwater coral frags
- Reptiles
- New and used equipment and aquariums.



## To Sell at the Swap:

Please register with number of tables desired and a brief description of your items **before March 26th**. Table availability is limited. If any space is still available on the day of swap, prices will increase by \$5.

**1 table for \$20**

**2 tables for \$35**

**½ table for \$10**

Note: You are completely responsible for your own items and the well-being of your livestock. TFCB holds no responsibility whatsoever for your items or for the health of your livestock .

## Setup will begin at 9AM

You may sell any item related to aquariums and reptiles, except species prohibited by the State of Vermont. Please check with TFCB for prior approval for non-aquarium or non-reptile related items.

## Questions and Registration:

David Banks - [dbanks@together.net](mailto:dbanks@together.net) 802-372-8716

Brian Candib – [bcandib@comcast.net](mailto:bcandib@comcast.net) – 802-864-0746

Sponsored by **The Tropical Fish Club of Burlington, [tfc.org](http://tfc.org)**





# SARNIA AQUARIUM SOCIETY'S SPRING AUCTION

## APRIL 21, 2018

Doors Open 9:30am, Auction Starts at 11am



### SARNIA CHRISTIAN SCHOOL

1273 Exmouth St., Sarnia

### IN THE GYM

(entrance off Exmouth St. parking lot)

## CASH ONLY

For more information, please contact:

**Jack VanderAa 519-542-8282 OR**

**Wayne Cole 519-674-3192**

**Or email us:**

**sarniaaquariumsociety@hotmail.ca**

**[www.sarniaaquariumsociety.com](http://www.sarniaaquariumsociety.com)**



**Like us on Facebook!**

[facebook.com/SarniaAquariumSociety](https://facebook.com/SarniaAquariumSociety)





**NORTH JERSEY AQUARIUM SOCIETY**

**GIANT SPRING  
TROPICAL FISH  
AUCTION**

**DAYS HOTEL & CONFERENCE CENTER**  
195 ROUTE 18 (TURNPIKE EXIT 9), EAST BRUNSWICK, NJ 732-828-6900

**SUNDAY APRIL 22, 2018**

REGISTRATION STARTS 9:30 AM ... VIEWING 11:00 AM  
AUCTION 12 NOON ... PRE-REGISTER your items online.  
Visit us at [www.njas.net](http://www.njas.net) for rules and registered items!



**LARGEST AQUARIUM HOBBY AUCTION IN NJ!**

*NJAS is an all-volunteer federal 501(c)3 non-profit organization est. 1953*



# SPRING 2018 FRAG SWAP

April 28, 2018  
11 AM to 5 PM

\$10/person or  
\$20/family  
Under 18 free

Williamsport Area  
High School



2990 W. 4th St.  
Williamsport, PA 17701



Awesome deals on coral!

Lunch included at Noon

Raffle at 3:00

Vendor information  
at [ReefCon.org](http://ReefCon.org)

# Central New York AQUARIUM SOCIETY

## 49TH ANNUAL FISH AUCTION



**SATURDAY APRIL 28TH, 2018**

Transfiguration Church  
740 Teal Ave, Syracuse, NY 13206

**REGISTRATION WILL BEGIN AT 10:00AM TO 11:00AM**

### **ADDITIONAL INFORMATION:**

Pre-registration is required for sellers

Buyers register at the auction

**\*CASH ONLY\***

Unless you are a CNYAS member

### **FOR FURTHER INSTRUCTIONS & DIRECTIONS:**

Call: [315]-454-4792

e-mail: [cnyas@yahoo.com](mailto:cnyas@yahoo.com)

Or visit our website at:

**[WWW.CNYAS.ORG](http://WWW.CNYAS.ORG)**



# BUCKS COUNTY AQUARIUM SOCIETY

## ANNUAL SPRING AUCTION

Saturday May 5, 2018



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

Registration 8:30-10:30

Auction Begins 11:00

**We offer our famous BUCK-A-BAG Split**

**Fish, Inverts, Plants – the club gets \$1.00, you get the rest!!**

**Dry Goods – 60% to seller / 40% to BCAS**

Featuring dry goods and livestock donations from many Manufacturers, Local Fish Stores, On Line Retailers, Public Institutions, Artists

**Raffles include a Coralife Size 16 BioCube Tank and Stand**

**Refreshments**



**Churchville Nature Center**

Education • Preservation • Environmental Stewardship

Churchville Nature Center

501 Churchville Lane

Churchville/Southampton, PA 18966



107 Years of Educating Aquarists



**FRIDAY MAY 11**



**GIANT  
SPRING  
AUCTION**

**DOORS OPEN @ 7:30  
AUCTION @ 8:30PM**

*All sorts of freshwater  
fish, plants, marine fish,  
aqua-cultured corals  
& dry goods, including  
a new 55 gal. tank &  
stand. Rare & hard to  
find live stock  
& MUCH MORE!*

*View lots  
7:30pm - 8:30pm*

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.



**12 th Annual**

# *Otter Valley Aquarium Society*

*Tropical Fish Auction & Bowl Show*

**Sunday May 20, 2018**

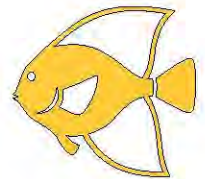
**Noon - 5:00 PM**



**The Godnick Center**

**1 Deer Street**

**Rutland, VT 05701**



**Free Admission Door Prizes  
Viewing Lots 9:30am - 11:30am**

***Raffle at Auction***

**50/50**

***Silent Auction Plant Tables***

**Peoples Choice Bowl Show**

**1st Prize \$100 - 2nd \$75 - 3rd \$50**

**Please see bowl show rules on our website**

**PLEASE VISIT OUR WEBSITE FOR AUCTION RULES**

Pre-register before May 18th and get a 60/40 split

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



# Houston Aquarium Society and Houston Cichlid Club Present the 2018 American Cichlid Association Convention! (ACA 2018)

## Featuring

- World Class Speakers
- Amazing Side Trips
- Firework Show
- Giant Auction

## Location

Hilton Nasa Clear Lake  
3001 E. Nasa Parkway  
Houston TX, 77058

## Dates

July 4th - July 8th, 2018

[www.2018acacares.com](http://www.2018acacares.com)