

TANK

NOVEMBER 2018

VOLUME 47, ISSUE 10

TALES

November Meeting

Christine Keys

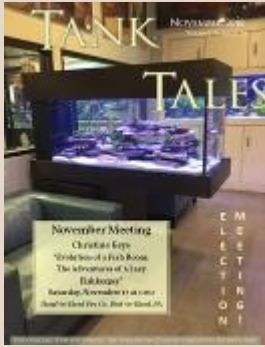
“Evolution of a Fish Room:
The Adventures of a Lazy
Fishkeeper”

Saturday, November 17 at 1:00

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

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TANK TALES™



ON THE COVER:

Fish Gallery IMG_1600

Photo by Karen Haas

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Send all communications for Tank Tales to

editor@aclcpa.org

***Deadline for December Tank Tales is
December 5th!***



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PRESIDENT'S MESSAGE



Michael Buchma

ACLC:

In case you haven't noticed, the ACLC created a Facebook Group last month for its members and non-members with interest in aquariums in the Lancaster County region. Please be sure to join if you are interested. It is called the Aquarium Club of Lancaster County Facebook Group. This is a great way for you to keep in touch with your fish friends that you may only see once a month at our meetings. The group is very interactive and allows you to share anything you may want to about your aquariums.

As I stated last month, we will be holding our annual elections this month. There will be a vote for President, Vice-President, Treasurer, and Secretary. Anyone who has been a member in good standing for one year may run for office.

In December, we will be having our annual Open Mic meeting. This is your chance to talk to your fellow club members at the meeting on anything aquarium related. If you have ever considered being a speaker that travels from club to club giving presentations, this is a great way for you to get your feet wet in front of a room full of familiar faces. You may choose to do a demonstration or slideshow. I do ask that you get with me beforehand so that we have an idea on how many members will be presenting.

On November 17th at 1:00, we will meet at Bird-in-Hand Fire Company to welcome our speaker of the month, Christine Keys. She will be talking about her fish room.





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THE NOVEMBER 2018 MEETING



Meetings held at Hand-in-Hand Fire Station
300 Enterprise Drive, Bird-In-Hand, PA

Saturday November 17, 2018 @ 1:00 PM
Program, Raffle, Auction & Refreshments



Christine Keys

Evolution of a Fish Room: The Adventures of a Lazy Fishkeeper

Christine Keys is a microbiologist that has been involved in fishkeeping most of her life. Even as a child, her parents kept a fish tank in her bedroom. She's always kept a few fish tanks on her own since high school and would regularly haul them back and forth between home and the dorm during college. After moving to Maryland, she started keeping fish again and quickly expanded from one to 35 tanks. During this time, she joined several of the clubs in the DC metro area and has served in several board positions with the Capital Cichlid Association. She and her husband recently moved to a new house where she got a dedicated fish room that has over 70 tanks. Although she has a soft spot for keeping cichlids, all freshwater fish are welcome in her fish room.

THE PUBLIC IS WELCOME

For more information about the Aquarium Club of Lancaster County, or directions to a meeting,
please visit our website at <http://www.aclcpa.org>

or

contact Joel Antkowiak - mrkillie@comcast.net

ACLC SPEAKER SCHEDULE

2018
December 15
Holiday Open Mic Night

* - Board Meeting will be held prior to meeting

** - Meeting is not on 3rd Saturday



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? _____

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Vice President	Kurt Johnston	vicepresident@aclcpa.org
Treasurer	Tim Brady	treasurer@aclcpa.org
Secretary	Wesley Bahrt	secretary@aclcpa.org
Past President	Jack LaFayette	pastpresident@aclcpa.org

MEMBERS-AT-LARGE

Member-at-Large	Mike Mull	mal1@aclcpa.org
Member-at-Large	Clair Klinedinst	mal2@aclcpa.org

CHAIRPERSONS

ALEF Program	<i>Vacant</i>	alef@aclcpa.org
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BAP	Gary Haas	bap@aclcpa.org
CARES	Clair Klinedinst	cares@aclcpa.org
Equipment (A/V)	Michael Buchma	equipment@aclcpa.org
Exchange Editor	<i>Vacant</i>	exchange@aclcpa.org
HAP	Michael Buchma	hap@aclcpa.org
Membership	<i>Vacant</i>	
NEC Representative	<i>Vacant</i>	
Raffle	Mike Mull	raffle@aclcpa.org
Social	Tim Brady	social@aclcpa.org
Speaker Coordinator	Joel Antkowiak	coordinator@aclcpa.org
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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 1st and August 31st 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 31st 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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APISTOGRAMMA TUCURUI

The Apisto in the Pin-Striped Suit

By Don Kinyon, photos by Don Kinyon



The number of *Apistogramma* species that goes on my “need” list seems to increase exponentially for some reason, but this one, *A. tucurui*, has been on that list since the very first time I saw a color photo of the fish in an Aqualog book. Very seldom have been the times I’ve found them available and there has always been a reason not to buy; whether it be lack of trust of the seller, outrageous cost, or my own unwillingness to sell off another species in order to make room.

Finally, the stars aligned in my favor and I found the fish on a well-known and trusted wholesaler’s list for a somewhat reasonable price, and I had the room! I jumped at the chance and purchased eight juvenile fish.

Apistogramma tucurui is found in Brazil in the Rio Tocantins basin and was described by Staeck in

2003. Native water conditions aren’t easy to find for these fish, but we can assume they’re used to very soft and acidic surroundings.

These are an average sized *Apistogramma*, with the males reaching three and one-half inches at most and the females closer to two inches. They’re not an extremely brightly colored fish, but still catch your eye quickly because of the dotted or zig-zag pin stripes that run the length of the body on both the male and female of the species. These seem to be different from individual fish to fish, and can change with the fish’s mood or surroundings. The base color of the male’s body is pale yellow and fins are mostly clear with tints of blue or yellow, the first one or two spines of the dorsal usually dark brown. Some males have a reddish-pink blotch on the caudal peduncle. The females for the most part are a drab brown but the stripes can still be seen, even though they are subdued. Once the female is spawning or protecting the nest, she transforms into a bright yellow tyrant with black markings and the stripes are much more pronounced.

The first home for the “new” Apistos was a standard 40 gallon long style tank, filled with 100% rain water, lots of bog wood, clay pots on their sides or inverted for caves, and a few yarn mops; both submerged and floating from corks at the surface. I had heard that this species would fight, sometimes to the death if they were confined in too small a tank, and an article recommended that only one pair be kept in a very large tank to prevent losses. Thankfully, I didn’t find this to be the case. This species, in my experience, can be cantankerous, but there were no fights to the death or even to the point of serious injury.

The water in the fish’s new home was kept at 78°F, had a pH of 5.0 and TDS of 45ppm. Feeding was twice a day; the morning being dry food, usually commercial flake, and the evening feeding was either live, frozen, or freeze-dried food. In the spring and summer they received live mosquito larvae and live daphnia, which they chased down and disposed of quickly.



On this diet the young fish matured very quickly and it turned out I had a good mix: five males and three females. They were a little more aggressive with each other than some cichlids, but with all the cover in the tank there was never any long fights.

The first sign of spawning was when one of the females was seen poking her head out of the top of one of the clay pots, and she was the bright yellow “I’ve got eggs” coloration. After a day or so, my curiosity got the better of me and I lifted the pot to have a look. Yes! There were about 40 light burgundy colored eggs.

I left them alone and kept an eye on the pot to see how things developed. The female guarded the nest constantly, only darting out once in a while during feedings. Two days after I noticed the spawn, there was another of the females in a hollowed-out piece of bog wood on the other side of the tank, also bright yellow and chasing away any interlopers. I couldn’t see into the cave she chose, but assumed there must be eggs there as well.

As it turned out, there were eggs in both nests, and both nests had hatches. They stayed in the tank with the adults and were fed newly-hatched brine shrimp twice a day by forcing it down to the brood with a large medicine dropper.



At this time it may have been better to intervene and remove the fry or some of the adults as the young fish started to disappear. Even with heavy feedings of live food, the combined broods went from around 80 fish to 60, then to 40, and finally to around 10 fish that were one-half inch long and presumably out of danger.

Another facet of the reputation of this species is that they are not the best parents, as far as *Apistogramma* go. That may be the case, but it may also be that I had the group too confined for the parents to be affective. The mother fish seemed relentless in their protection, but the loss of young was large.

Even at a half inch in size they were chased off by the adults during feedings, so it was

necessary to put a divider in the tank (one of the perils of a small fish room is having to use tank dividers!). After that, the younger fish could eat without harassment. They were fed newly-hatched brine shrimp from the start and continued to eat them with gusto even at this size. By now they were also getting daphnia and dry foods to fill out their diets.

Around a month after the young fish were moved into the “grow-out” section of the tank, one of them staked a claim to a clay pot in the corner and turned bright yellow. I didn’t even know the fish were sexually mature yet, but I guess they knew! As it turned out, the eggs in that spawn didn’t hatch, but a few weeks later, they got it right and there were fry in the “grow-out” half of the tank, along with a new group of fry in the main section.

At this writing, the fry of both sections of the *Apistogramma tucurui* tank are growing out quickly. It would be a good idea with this species to allow the young fish to grow in a very sparsely populated tank, in my opinion. Predation of the young seems to be more prevalent in this species than some others.

Even with some little quirks, this fish is well worth the trouble and this hobbyist is grateful that they are finally part of his fishroom.

Classic Cichlids

Diamonds from Africa Jewel Fish!

By Joel Antkowiak

All photos are uncredited from the internet

The genus *Hemichromis* is a cichlid genus that has become known in the trade as the jewel cichlids. They are native to Africa's western regions and inhabit a variety of waters, from creeks and streams to rivers and lakes, mostly in areas with overhanging vegetation. Some species are even found in brackish water.



Most *Hemichromis* species are brightly colored, with iridescent spangles over their bodies which gives rise to the common name of jewel cichlid. Sexual dimorphism is limited and so determining the sex of individuals is difficult except at spawning time, but can be done by the experienced aquarist. Thus, it is best to start with 6 or more young fish.

There are four closely related species that are commonly seen in the hobby: *Hemichromis bimaculatus*, *H. lifalili*, *H. cristatus* and *H. guttatus*. Often times *H. bimaculatus* and *H. guttatus* are mistaken for each other. Indeed, there is a certain amount of taxonomic uncertainty within the genus. There are currently 13 species of *Hemichromis* that are recognized. In addition to the four aforementioned species, I have only seen three

others in the hobby, although I am sure there are others. Those are *H. stellifer*, *H. elongatus* and *H. frempongi*.

The original description of the genus *Hemichromis* was done by Wilhelm K. H. Peters in 1857, using *H. fasciatus* as the type specimen. Four more species were added in the early to mid 1860s and others sparingly throughout the next 100 or so years up until 1979, when four more species were described for the genus. The genus has been somewhat stable since then.

H. bimaculatus has become a very popular species in the trade and joins many other popular in the hobby cichlids in establishing feral populations in parts of Florida, where numerous tropical fish farms breed the species. In Dade County, it has become established in the Hialeah Canal and in connecting canals west and south of Miami International Airport. It has also been found in the Comfort Canal, a channelized South Fork of the Miami River. It is also believed to be established in a canal east of Goulds, FL, as well as in the Snapper Creek north of the Tamiami Canal. And although not established there yet, it has been collected in areas of Brevard County near several fish farms. Surprisingly, examination of the stomachs of 26 specimens collected around Brevard County revealed that their diet consisted mostly of vegetable matter, with some insects as well as their own young.

Most *Hemichromis* species will reach more than 7 inches in length in the wild. However, as with most fishes, the maximum size in the aquarium is somewhat smaller. *H. bimaculatus* can max out at about 6 inches, and usually smaller. If given enough space, the fish is somewhat peaceful, but that all changes when the fish decide to start a family. As with all substrate spawning cichlids, these beauties become quite territorial at spawning time. They are extremely easy to breed and are very good parents, which is probably why they are so common. The ferocity with which they guard their young, in my opinion, is unmatched in the cichlid world. I once had a 4 inch pair spawn in a 55 gallon tank and they had a 12 inch jaguar cichlid and a 10 inch red devil cowering in the furthest reaches of the tank. Very impressive.

And these fish need no special conditions to induce spawning. If healthy and well fed, they will spawn at 74 F. The eggs take a long time to hatch at the lower temperatures, about 5 days, but it can be done. Of course, they will fare better at 80-82 F. If you really want good egg production, condition using live foods such as black worms, chopped earthworms, bloodworms, mosquito larvae, etc. When the pair are in condition to

spawn, they will intensify in color. It is a spectacular sight! Once the fish start to show signs of mating behavior, such as jaw locking, I strongly urge you to remove any other fish from the tank that you may value. They are not safe!

The jewels 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.

The eggs hatch in 2 – 3 days at 80F 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. And these parents are great at it!

As always, 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 6 to 8 weeks. The young fish will become sexually mature and start to pair off in 6 to 10 months. They will spawn at a very young age.

The jewel cichlids have been a mainstay in the aquarium hobby for many years. The four main species are beautiful fishes with interesting behavioral patterns typical of territorial substrate spawning cichlids, and they are easy to breed. While they are generally peaceful and can be kept with a wide variety of tank mates of similar size and disposition if not spawning, once parental mode begins they are quite ferocious at defending their territory and young. A very interesting group of fishes indeed.

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The poster features a vibrant, colorful fish (likely a Jewel Cichlid) swimming in a blue, bubbly underwater environment. The text is arranged in a central column, with the main title 'Bigger & Better!' in a large, stylized font. Below the title, it says '& SOON TO BE CALLED NATURAL PET' with a small logo for 'PETS & PLUS'. Two circular callouts on the right and bottom left provide details about the store's new departments.

ACA 2018

By Karen Haas, photos by Karen Haas

Alan and I attended the American Cichlid Association convention a few months ago. It was held near Houston, Texas during the July 4th holiday. We were not able to go to the ACA convention the past two years. I felt badly for Alan because he hardly missed any of the conventions during the last 25 years even though he lived in England.

We had a great time! If you have never attended a fish convention you are really missing out. We arrived in Houston in the afternoon of July 4th and checked into the hotel near the NASA Space center. We had a beautiful view of the bay. The hotel was starting to show its age, but the room was clean and comfortable. Checking into the convention was a bit slow. We got our t-shirts, meal tickets and swag bag chocked full of useful aquarium items worth the price of admission. It seemed that the club didn't have enough volunteers for the first day of the convention. I don't recommend holding the convention during a holiday weekend, because many of the volunteer members will want to spend time with their families instead of helping out with the duties required of hosting a convention.

The day before we flew out from the Lehigh Valley airport, we shipped two boxes of fish to ourselves at the hotel to sell at the convention. It was surprising that the larger box, which was a reused fish farm box, arrived a day ahead of schedule. It was obvious that it had live fish in it. The smaller priority mail box arrived on Friday as scheduled. I had applied small "live fish" labels to the sides of that one. My theory is that the larger box was obviously something different and the post office expedited it. The smaller box looked just like all the other priority boxes and the green lettering on the labels didn't stand out enough. We had a couple losses, mostly from the *Geophagus* sp. "Alto Sinu" which were smaller than we normally ship them at. I was anxious to bring them to the convention to make sure they get distributed into the hobby.

Unfortunately, our rental tanks weren't available to put our fish into until the next day. Some of the tanks for Imperial Tropicals hadn't been delivered in time due to the holiday so they needed to use the rental tanks temporarily. By Thursday evening, we were able to unbox the fish, set up the isolation nets and acclimate them.

We were invited, in advance, to dine with some of the infamous people of the ACA at the Aquarium Restaurant the night we arrived. The restaurant was on a boardwalk that had an amusement park and shopping center. We expected it to be a small group of people but attendance blossomed to about 40 by the time we got there. The restaurant has many large aquariums throughout the building. If you can imagine a former public aquarium turned into a restaurant, that is the best way I can describe it. Apparently, half the town had the same idea to visit the boardwalk. We had hoped to leave before the fireworks started and watch them from our hotel room but a few of the others we shuttled to the dinner delayed us. When we tried to leave the parking garage so did everyone else since the fireworks were over. We ended up being stuck in the same spot in the parking garage for 2 hours before we could leave. Getting back to the hotel room at 11pm put our early start for the next day in jeopardy.



Thursday morning, most of the convention attendants went on the organized trip to the Moody Gardens. We instead drove 3 hours West to visit Charles Clapsaddle and Goliad Farms in Victoria, Texas. His fish farm produces the most amazingly colored fish. His set up is unique amongst fish farmers. Even with the devastation from the hurricane last year, he is still producing fish. His specialties are Malawi Cichlids, Mollies, and Cherry Shrimp.

Thursday night the first talk was from Dr. Michael Kidd about how the fish room is set up for research at

the college he works for. Greg Steeves followed with his presentation on CARES species which was the theme for the convention. It included the debut of a video about why we should keep CARES fish and the reason why some habitats are being lost.

Friday morning we had plans to meet up with Eavan Alexander, also known as IFG from his famous Youtube videos, instead of going on the trip to the NASA space center. Eavan was delayed with things at his job that needed his management expertise. We spent the morning mingling with the other attendees that didn't go on the NASA trip in addition to unboxing the second box of our fish that arrived. Eavan was finally able to get a break from work and he gave us a personal tour of some of his favorite fish stores in Houston. The first store, The Fish Bowl, was brand new. It was on the smaller side and very clean. The second store we stopped at is called the Fish Gallery. It is known for their huge aquariums filled with monster fish and turtles. There are even used giant aquariums for sale sitting outside. The third place we visited is called Extreme Fish and Pets. They sell other pets and supplies besides fish, but fish is their main focus. They carry a lot of rarely seen fish monster fish which is seen in IFG's videos. The biggest aquarium near the front door had about 25 Red Atabapo pikes besides other monster fish. I've never seen so many pikes in one store, let alone in the same tank!



fish. I've never seen so many pikes in one



Friday afternoon we missed the CARES study group so I can't tell you what that was about. We did make it in time to catch Dave Schumacher's talk on "Speciation Through Hybridization". I only remember that we got M@M's to eat as part of the demonstration. I was really looking forward to Marvin and Kathy England's talk advertised as "It's a Hobby, Not a Business!". I was expecting it to be about their fish room and what they were breeding. It ended up being a walk through memory lane with trips to different conventions and how their fish house burned down. Friday night ended with the anticipated Babes or BITCH's auction. BITCH stands for "Babes In The Cichlid Hobby". The money raised goes into funds for conservation. It's a rowdy adult only event that includes lots of free alcohol to loosen up the crowd while rare fish and mystery boxes are auctioned off. Unfortunately, this year one of the attendees was too intoxicated and threw a whisky on Caroline at the start of the event. I'm glad she

was able to not let it dampen her enthusiasm for the rest of the auction.

Saturday morning Dr. Paul Loiselle gave his talk on "Aquarists and Conservation". He was able to make us aware of the different types of issues that are threatening fish species around the world. The event programs were finally finished, better late than never to get one. Alan and I skipped Ad Konings' talk on Rift Lake Cichlids and instead made a trip to a store Eavan had recommended and features in his videos. It's a huge aquarium store on the north side of Houston called Fish R Us. The owners were super nice. They have a 9 year old pet Giraffe Cat, Jeffery, that you can buy shrimp to feed to him. It reminded me of the electric catfish I used to have. They have over 500 aquariums, mostly freshwater. It is comparable in size to the fish section of That Fish Place. This place made us want to move to Texas. It was also the only store we broke down and bought fish from, two male spotted *Gambusia holbrooki*. My population had dwindled down to 3 females due to being housed with adult cichlids. I sure didn't expect to find them at a store.

We could have spent all afternoon at Fish R Us, but we wanted to get back to the convention to hear Jose Gonzalez speak. Jose is originally from Mexico and is a friend of Alans. Alan has collected in Mexico with Jose on many occasions. Jose focused on the habitat loss and exotic species introduced in Mexico such as common pleco catfish. There was one bright spot, a goodeid that was extinct in the wild has been reintroduced into another lake nearby. It has been a couple years and is doing well. If it wasn't for hobbyists keeping this species in their aquariums, there would have been no chance to put it back into the wild.

Saturday evening we attended the banquet. The food was buffet style Southern BBQ, coleslaw, and corn on the cobb. Unfortunately the hotel ran out of corn for about ¼ of the dinners. The dessert was a choice of apple or pecan pie. Apple pie was the clear favorite. The evening program was the awards banquet for the fish entered in the show. Alan and I were both awarded ACA CARES Member of the Year. Afterwards was a game show styled program where tables could earn funny money to be spent at an auction on rare fish and donated dry goods.



Sunday morning we bagged up the few remaining fish that we didn't sell during the weekend and placed them in the auction. Some of the vendors had to clear out of the side that the auction would be on. The amount of vendors was smaller than at other conventions, but some well known ones were there. I remember Mike's Cichlids, Imperial Tropicals, Zoomed, Cobalt, and Swiss Tropicals were there amongst a few other small local sellers. Sunday was also the finish for the remaining silent auction items that were donated to the BABEs fund raising efforts. They ranged from antique aquarium items, t-shirts, books, to camera equipment and jungle cutting machetes.

Like all conventions it was busy, fun, and frantic but should never be missed.

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HORTICULTURAL AWARD PROGRAM

MONTHLY REPORT-OCTOBER 2018

Species Propagated—October 2018

Wes Bahrt — 20 points

Hygrophila corymbosa 'compacta'* 20 points

Scott Sommer — 10 points

Pistia stratiotes(Water Letuce)* 10 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

Wes Bahrt	8 Species
Bressler Family	4 Species
Joseph Yanik	3 Species
Paul Meola	2 Species
Gary Haas	1 Species
Chris Edwards	1 Species
Scott Sommer	1 species
Stanley Semchenko	1 Species

GARDENER OF THE YEAR

Wes Bahrt	150 points
Bressler Family	70 points
Paul Meola	30 points
Joseph Yanik	20 points
Gary Haas	10 points
Chris Edwards	10 points
Scott Sommer	10 points
Stanley Semchenko	5 points

Lifetime Achievement Awards

2 Star Gardener

Gary Haas
 Bressler Family
 Wesley Bahrt

1 Star Gardener

Alan Rollings
 Charles Vickery
 Gary Boyer
 Scott Sommer

Novice Gardener

Clair Klinedinst
 Joel Antkowiak
 Karen Haas

C.A.R.E.S. REGISTRATION

ACLC CARES November Monthly Report

Updated on November 5, 2018

A big THANK YOU to all those actively participating in the CARES preservation program! And a SUPER congratulations to Karen Haas and Alan Rollings for being named CARES Member(s) of the Year by the American Cichlid Association.

NEW additions to the CARES program have to be done through CARES at https://caresforfish.org/?page_id=879.. So any of the new CARES species (since 1/1/2017) need to be done that way. We can record deletions but everything else comes from CARES.

Clair Klinedinst—ACLC CARES Coordinator

CARES@ACLC.org



Joel Antkowiak					
Tanichthys micagemmae	●	●	●		6
Ameca splendens	●	●	●		6
Tanichthys albonubes	●	●	●		5
Pachypanchax sparksorum	●	●	●		3
Xenotoca melanosoma	●	●	●		1
Xenotaenia resolonae	●	●	●		3
Neotoca bilineata	●	●	●		1
Nothobranchius kilomberoensis	●	●	●		1
Skiffia francesae	●	●	●		1
Amatitlania septemfasciatus	●	●	●		1
Melanotaenia boesemani	●	●	●		3
Melanotaenia eachamensis	●	●	●		3
Amatitlania myrnae	●	●	●		2
Bedotia geayi	●	●	●		2
Xiphophorus malinche	●	●	●		2
Zoogeneticus tequila	●	●	●		2
Steve Arnott					
Tanichthys micagemmae	●	●	●		5
Gary Boyer					
Pundamilia pundamilia "Senga"	●	●	●		

Rich Bressler					
Melanotaenia lacustris	●	●	●		5
Bedotia geayi	●	●	●		3
Zoogeneticus tequila	●	●	●		3
Glossolepsis incisus	●	●	●		3
Melanotaenia boesemani	●	●	●		2
Paul Bricknell					
Ataeniobius toweri	●	●	●		
John & Natalie Dickel					
Xenotoca eiseni	●	●	●		1
Ameca splendens	●	●	●		
Gary Haas					
Fundulopanchax sjoestedti	●	●	●		3
Puntius titteya	●	●	●		2
Melanotaenia boesemani	●	●	●		1
Nematolebia papiliferus (Inoa)	●	●	●		1
Nothobranchius kilomberoensis	●	●	●		3

C.A.R.E.S. REGISTRATION

Karen Haas/Alan Rollings					
Synodontis brichardi	●	■	■	■	2
Glossolepis incisus	●	■	■	■	2
Amatitlania nanolutea	●	■	●	■	1
Ptyochromis sp. 'red rock sheller'	●	■	■	■	
Amatitlania myrnae	●	■	■	■	
Ataeniobius toweri	●	■	■	■	1
Paralabidochromis sp. 'fire'	●	■	■	■	
Rocio Spinosissima	●	■	■	■	
Amatitlania septemfasciata	●	■	■	■	
Amphilophus lyonsi	●	■	■	■	
Pelvicachromis silviae	●	■	■	■	
Daniel Poet					
Nothobranchius kilomberoensis	●	■	■	■	
Paul Tangredi					
Melanotaenia lacustris	●	■	■	■	3
Clair Klinedinst					
Xiphophorus malinche	●	■	■	■	
Tanichthys albonubes	●	■	■	■	2
Tanichthys micagemmae	●	■	■	■	2
Xiphophorus kallmani	●	■	■	■	1
Chapalichthys encaustus	●	■	●	■	1

Mike's Cichlids



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BREEDER AWARD PROGRAM

MONTHLY REPORT

BAP NEWS AS OF 10 NOVEMBER, 2018

No BAP activity reported, but since most reports come in through the website, and the website is under renovation, that's not too surprising. We only have a few weeks remaining for a dark horse to come surging from behind to overtake our Breeder of the Year leader(s) Karen and Alan. Let me suggest that you register your late-year spawns by copying the spawning report form on page 23 of this TT, or download it from the ACLC FaceBook group page (under the Files tab), fill it out, and send it as an email attachment to BAP@aclcpa.org. Or just send me the spawning report information in an email, at BAP@aclcpa.org. Or hand a hard copy to me at the December meeting.

Last opportunity to submit spawning reports (and donate fry) is at the December meeting. Don't be late.

~Gary Haas, BAP Chair

Tetra



2018 Species Bred

Team Haas/Rollings	13 species
Bressler family	6 species
Danny Corman	4 species
Paul Bricknell	2 species
Bob Kulesa	2 species
Wesley Bahrt	2 species
Joel Antkowiak	2 species
Gary Haas	1 species
Gary Boyer	1 species

2018 Breeder of the Year Pts.

Team Haas/Rollings	217 points
Danny Corman	92 points
Bressler family	86 points
Bob Kulesa	55 points
Joel Antkowiak	45 points
Paul Bricknell	36 points
Wesley Bahrt	20 points
Gary Haas	20 points
Gary Boyer	7 points

BAP LIFETIME ACHIEVEMENT AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

F. WAYNE CALENDER BREEDER

Bressler Family	2044 pts
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GRAND MASTER BREEDER

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

EXPERT BREEDER

Bob Kulesa*	867 pts
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ADVANCED BREEDER

Joel Antkowiak*	1323 pts
Haas/Rollings*	1152 pts
Gary Boyer*	722 pts
Danny Corman*	610 pts

2 STAR BREEDER

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

1 STAR BREEDER

Glenn Davies*	140 pts
Dave Frehafer	90 pts
Scott Shenk	70 pts
Wesley Bahrt	67 pts
Tony Kline	60 pts
Robin Antkowiak	57 pts
Kurt Johnston	56 pts

OTHER PARTICIPANTS

Sam Jones	66 pts
Charles Vickery	39 pts
The Moyers	37 pts
Lonny Langione	35 pts
Julie Lovell	26 pts
Ashley Antkowiak	21 pts
Mackenzie Dalton	14 pts

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

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 (M)
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 Danny Corman

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

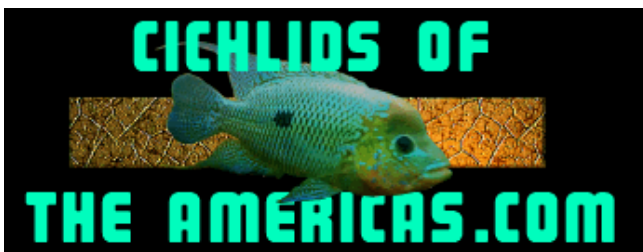
(A) - Designates Advanced Breeder for that Class

(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 the ACLC FaceBook group page under the Files tab.

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:	