

TANK

JUNE 2017

VOLUME 46, ISSUE 6

TALES

Common Sense Reefkeeping

Presentation by Scott Maurer

June 17th at 1:00

Hand-in-Hand Fire Co.

Bird-in-Hand, PA

PSEUDOCRENILABRUS

NICHOLSI

KLAUS STEINHAUS

HY511 TETRA

"THE CANDY CANE"

DON KINYON

THE ^{NOT SO} GREAT
ADVENTURE -2

KAREN HAAS

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ON THE COVER:

Pseudocrenilabrus nicholsi
By Klaus Steinhaus

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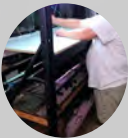
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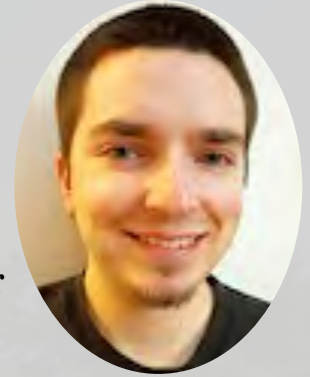


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PRESIDENT'S MESSAGE

Hello again my friends. If you missed last month's meeting, you missed a good one! On top of our always nice auction, Kurt Johnston spoke of his wonderful Mexico adventure. I would be surprised if anyone didn't want to visit a foreign country to search for fish (or new foods) after Kurt's talk.

How many of us in the ACLC maintain a saltwater aquarium? I think it's safe to assume that the number of members in our club that have a saltwater aquarium can be counted on one hand. For our June meeting, we will be welcoming Scott Maurer to talk to us about reef keeping.



Michael Buchma

As the years goes by, saltwater aquarium keeping technology and husbandry techniques are becoming much better. It seems like there are new species of coral and fish that are being aquacultured every year. Just like we raise our endangered freshwater species in captivity, we can start to take the dive in saving corals and reef fish by sustaining populations in our aquariums. The reefs cannot live on without our help. The saltwater aquarium industry has been making a lot of progress in saving the reefs. I am honestly very surprised at how much they are doing. It is truly amazing.

As I said before, Scott more will be speaking to us at our June meeting about reef keeping. The meeting will be held on June 17th at 1:00. Come ready to take notes!

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EDITOR'S NOTES

ACLC Members,

It has been a great year so far. We have been fortunate enough to have at least 3 articles each month as well as some great photos. With our next issue not coming out until September, you all have 3 months to write articles and take pictures to publish in Tank Tales. Other club members are interested! Every month we hear at least one of our members asking about a fish, plant or other lot in the auction as to how they would care for it. And the individual that brought that item to the auction is always eager to help. These are the best stories for your newsletter! Write an article about a fish you have bred, get people excited about it and then bring it to auction. It only takes 2 people interested to have an auction battle!

Share Your Experiences!

It's Your Club, Your Tank Tales!

Thank you

Tim & Kurt

Send all communications for Tank Tales to editor@aclcpa.org

Deadline for September Tank Tales is August 28th!



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Piscatorial Pearls

“Reviewing Aquarium Society Newsletters from Around the World”

This month we are going to begin our journey by traveling to our northern neighbors for 2 articles in the April 2017 issue of the [Kitchener Waterloo Aquarium Society’s Fins & Tales](#). The first article is quite a good one that really peaked my interest titled [“The Vampire Cory”](#) by Stuart Morley that gives a little too much detail about this catfish that will probably always be undescribed. The next article is titled [“Managing Your Nano”](#) by Karen Murray and is a brief but good guide to getting started with a nano.

A short distance back across the border we make a stop in New Hampshire for 2 stories in the April 2017 edition of the [New Hampshire Aquarium Society’s Granite Fisher](#). The first story is an interesting How-To story about [“Feeding Your Fish Garlic”](#) by Don Van Pelt that gives us some of his best practices. The next story is titled [“PPS—Pro System for Plants”](#) by Martha Bonney. Martha gives a very detailed description of this method of fertilization and why she prefers its use.

Our next stop is just a little east of us for 4 articles in the April 2017 issue of the [North Jersey Aquarium Society’s Reporter](#). First article is this month’s edition of Dr. Paul’s Fish of the Month, [“Hypancistrus L-201”](#) that gives a great detailed description of this great looking little Loricarid. The next article is a brief description of [“Cryptocoryne undulata”](#), a nice reddish Crypt, by Alan DeVelesco. The next article is titled [“Firemouth Cichlids...Rare Breed”](#) by an author I know well, Hugh Jass. This article is a good article about a Cichlid that has been around the hobby for many years. The final article in this issue is titled [“Frogs...What do you really know about them?”](#) by Ted E.

Baer is a short article that attempts to peak our interest.

Heading out west we have a story in the April 2017 edition of the [Sacramento Aquarium Society’s Tropical News](#). Jack Kraft wrote this short story giving everybody his [“Tips on Bagging Fish”](#).

Our next stop is down south for an article in the May 2017 issue of the [Atlanta Area Aquarium Association’s Fish Talk](#). This article is titled [“Least Killifish—Heterandria Formosa”](#) by Briana & David Mercer that describes their successes with this little livebearer.

Next we head up to NYC for 7 stories in the May—June edition of the [Brooklyn Aquarium Society’s Aquatica](#). The first story is Part 4 of The Responsible Aquarist titled [“The Lionfish”](#) by Anthony Kroeger that gives us a good idea of how this aggressive species has spread along the Atlantic Coast. Anthony also wrote the next story which is a very descriptive story about Liberty Mollies titled [“Raise the Flag”](#). Part 5 of Anthony’s series “Terrific Tetras” is a detailed story about the [“Black Neon Tetras”](#), *Hypessobrycon axelrodi*. The next story is by Ryan Curtis and tells us all about breeding and maintaining *Palaemonetes paludosus*, more commonly known as [“Ghost Shrimp”](#). Another story in The Practical Plant series by Izzy Zwerin is all about [“Propogating Cryptocoryne Griffithii”](#). The next story is titled [“Smorgasboard in your backyard”](#) by Anthony Kroeger that describes some interesting foods for your fish and some great harvesting methods! The final story in this edition is titled [“The Striped Barb”](#) by Anthony Kroeger and gives us a detailed description of the Malaysian

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IMPORTANT

If you see an article that you would like a copy of, just click on the article title. It will generate an email for you to send to the ACLC Exchange Editor, requesting a copy. If you would like to visit the website of the Club that publishes the newsletter, just click on the club name. If you have any questions contact the ACLC Exchange Editor at exchange@aclcpa.org

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native, *Barbus lineatus*.

We now head out to the midwest for an article in the May 2017 issue of the [Eastern Iowa Aquarium Association's Fin Flap](#). This article, titled "[Breeding of a Rare Gem](#)" by Lee Van Hyfte is a very detailed description of Lee's experience with *Aphyosemion ogoense*, a beautiful African Killie.

We make our next stop in Ohio for a story in the May–June 2017 edition of the [Greater Akron Aquarium Society's Tank Topics](#). This story by Larry Secaur is all about Larry's success in "[Breeding Pearl Gouramis](#)".

We stay in the State of Ohio for 2 articles in the May–June 2017 issue of the [Greater Cincinnati Aquarium Society's Fincincinnati](#). The first article is titled "[Cynotilapia afra from Lion's Cove](#)" by Jerry Riegel. Jerry gives us a great account of his successful techniques with this Mbuna. Jerry also wrote a brief but detailed spawning report about his success with "[Aulonocara Baensch 'Benga'](#)".

Our next stop is back here in the Keystone State for 2 stories in the May 2017 edition of the [Greater Pittsburgh Aquarium Society's Finformation](#). The first story is titled "[Dinner for Me and My Fish](#)" by Michael Heasley that tells us all about how Michael combines his passions for Fishing, Cooking, Eating and Fishkeeping. The next story is titled "[Bloodworms](#)" by Sallie Boggs that tells us about a creature that can be collected during low tide on the Atlantic coast, not the bloodworm we are familiar with.

We head out west for our next stop for an article in the May 2017 issue of the [Greater Seattle Aquarium Society's Northwest Aquaria](#). This article is titled "Coral Catshark" by Keefe Brockman. Keefe tells us about how he raised "Freckles", an *Atelomyxerus marmoratus* from an egg.

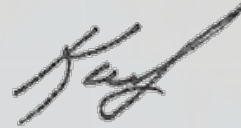
Coming back to the midwest, we stop in Missouri for a story in the May/June 2017 edition of the [Missouri Aquarium Society's Darter](#). This story is written by Mike Hellweg and tells us all about Mike's experience with "[Malpulutta kretseri—The Blue Pin Tail Gourami](#)" a beautiful Anabantid

and CARES species.

We head a little north for an article in the May 2017 issue of the [Michiana Aquarium Society's Tropical Times](#). This article, titled "[FISH-CONS: The Fish Convention Experience](#)" by Jeremy Phillips tells us all about why Jeremy thinks you need to attend at least one "Fish-Con".

Our final stop this month is in the upper midwest for a story in the May 2017 edition of the [Motor City Aquarium Society's Tropiquarium](#). This story is titled "[Tubbing](#)" by Mike Zajac and tells us how and why Mike sets out several tubs in the summer.

See you on the 17th!



Kurt Johnston – Exchange Editor
exchange@aclcpa.org

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PSEUDOCRENILABRUS NICHOLSI (PELLEGRIN, 1928)

TEXT & PHOTOS BY KLAUS STEINHAUS

FIRST PUBLISHED IN BUNTBARSCHE BULLETIN #281, APRIL 2014

It appears to me that these days only the rare and hard to find fish get all the attention in magazines or on the internet. To see David Boruchowitz's article about *Cleithracara maronii* in BB 270 was a very nice surprise to me and I really enjoyed reading it. There is a wonderful cichlid that is readily available to the hobbyist but only a few have it in their tanks. This article is about another cichlid that seems to fall in the same category.

West and Central African cichlids have never been high on my list of fish to maintain (please don't ask me why) until I noticed *Pseudocrenilabrus nicholsi*. The brilliant colors of these fish stopped me in my tracks and I wanted to know more about them. So out came the books and the computer to do some research on these beauties.

The genus *Pseudocrenilabrus* has two more species besides *P. nicholsi* and five subspecies.

Pseudocrenilabrus philander (Weber, 1897) is the type species and has three subspecies; *P. philander philander* (Weber, 1897), *P. philander disperses* (Trevawas, 1936) and *P. philander luebberti* (Hilgendorf 1902). *Pseudocrenilabrus multicolor* (Schoeller, 1903) has two subspecies; *P. multicolor multicolor* (Schoeller, 1903) and *P. multicolor victoriae* (Seegers, 1990). The distribution of *Pseudocrenilabrus nicholsi* (first described as *Paratilapia nicholsi*) is limited to some

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lakes in the south-eastern Congo. Maximum size of these ovophilic maternal mouthbrooders is about 10cm (~4 inches) for males. Females stay smaller and their coloration is a pale brownish compared to the colorful males. Their diet in the wild is mostly crustaceans, small insects and small fish.

Maintaining these fish in the aquarium is very easy which makes them the perfect cichlid for the beginners in our hobby. Water conditions like hardness and PH values are of minor importance and they will eat just about anything. Males are very territorial and will aggressively chase any competitor away. A tank of 35g and up should be used with some hardy plants and some good hiding spots as decoration. I use *Java Fern* and *Anubias barteri* as plants in my cichlid tanks very successfully (because I can't keep any other plants alive) and they worked here too very nicely. I love live plants in my tanks because it makes the whole setup look much better; I just wish I had the ability to keep more different species of plants alive but I have to admit that I have given up after a lot of money went into the garbage. The rocks I used were mostly slate. It's easy to build hiding places up the back wall of the tank with these rocks and then incorporate the plants.

When I received my fish (1 male and 3 females), I gave them a 35g with the decoration described above. The male was about 2.5" in size and the females about 1.5". The male was still not colored out and the females showed a greenish brown appearance. They quickly disappeared between the rocks and plants and I had to wait until the next day to see them again. Once I dropped some blood worms in the tank the fear of showing themselves was forgotten and the food was consumed in seconds. I have to admit that I did not pay much attention to them for the next couple of weeks except feeding them and do the water changes (Unfortunately there is life besides keeping cichlids). When I finally found the time again to pay attention to my fish, I was very surprised to see one day that two of the females were carrying eggs already. Since I had no idea when they actually spawned, I removed the little females and gave them a 10g tank each as a nursery about a week later they released their fry. The surprising part was that they must

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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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How did you hear of the Aquarium Club of Lancaster County? _____

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ACLC SPEAKER SCHEDULE

2017

June 17th— Scott Maurer

Common Sense Reefkeeping

September 22-24—Keystone Clash II™

October 21st—TBA

November 18th—TBA

December 16th—TBA



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Come on out & enjoy an afternoon at the fish club with some nice fish folk.

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(Continued from page 9)

have spawned very quickly after I introduced them to the new surroundings since the incubation time for the eggs is about two weeks. However, the most surprising part was still to come.

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My usual procedure with mouthbrooders is to leave the females with the fry for at least a week (depending on the species) before I return the female back into their “home” tank. The reason for this is that I firmly believe that imprinting is very important for the fry. Once the fry is able to take larger food than the baby brine shrimp I usually feed to them, I move them to a larger grow out tank to gain some size. Keeping with this process, I moved the females back to their regular tank during a water change and the fry



into another 35g tank.

I don't remember exactly the time it took but I was shocked to see a female of the fry carrying eggs at a size of less than 1 inch. At that time even the largest male in the tank was barely 1 inch. I have never during my time of keeping cichlids



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seen anything like it. I did not remove the little female but kept an eye on her to see if her fry was fully developed and if



she would release at all.

Well, after the normal incubation time of two weeks she released 8 perfectly normal fry which I siphoned out and gave them a 10g tank of their own. That was the beginning of a little *P. nicholsi* factory. They were so prolific that after a while I had way too many fry without finding a new home for them. So I had no other choice than to stop removing the females and let nature take care of it.

When you are new to the cichlid hobby, you see all these beautifully colored fish and would like to maintain them only to find out that they are not that easy to keep alive. Give *Pseudocrenilabrus nicholsi* a try and I can guaranty that you

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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
- 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 a 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 continued existence of aquatic life.

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AQUATIC LIFE EDUCATION FUND MAY REPORT

Come on ACLC Members. We are so close to meeting our goal for 2017 and we do have a very deserving recipient. Let's be a little more generous this month so we can hit that \$600 mark. The funds that we raise this year will be donated to the [Williamsport Area High School](http://www.williamsportarea.org) Aquarium Science program headed by teacher Larry Flint. The amazing work being done at WAHS can be viewed at <http://reefconservationsociety.org/550.html>. If you have any questions, please contact me at ALEF@aclcpa.org.

Thank you

Kurt Johnston

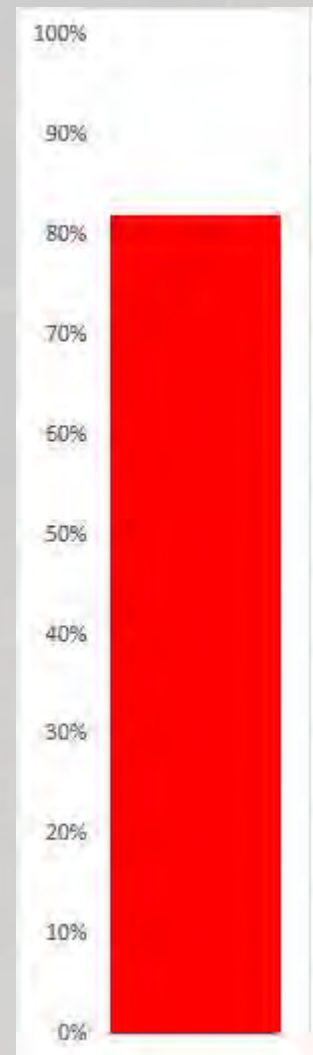
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2017 Goal = \$600.00
Current = \$491.80



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ALAN & KAREN'S



NOT SO

EXCELLENT ADVENTURE

BY KAREN HAAS

Part 2: Planning your Move & Fishroom

The dreaded move or fish room rebuild happens to most of us fish keepers at some point in our lives. The number one advice I can give to you is to get rid of as many fish and unwanted equipment as you can before the move. Only keep the fish that you feel are irreplaceable. The same goes for equipment and tanks. If it's a short distance move, you'll probably be able to keep more. It all depends on your circumstances. A short move can be just as much a logistical nightmare as a long distance move.

We had a short move, only a few blocks apart, which started over six months ago. I'm pretty burned out and sick of moving now. We've had numerous interruptions and plan changes too. Almost a year ago we started listing every species of fish we owned on an Excel spreadsheet. Since Alan and I are both fish keepers, and share the fish room, that meant we had differences of opinion on what we wanted to keep. We created four columns on the spread sheet. The first column had the species name, the second one was a keep, the third was for sell, and the fourth was for comments. The comment column might contain which up-coming fish auction would be the best one to take them to, better on aquabid, or to

note if we were keeping the fry and selling the adults. When we listed all the species we were keeping we were stunned that it was close to seventy. If you multiply it by all the fry that these species represent, we probably had over 1,000 fish in the fish room, outside summer tubs, and on the enclosed front porch for the summer. Initially half the species were in the keep column. As time went on, more of the "keep" species migrated to the sell column. Several boxes of fish were taken to each all-day fish auction, the Youngstown Area Tropical Fish Association where Alan was invited to talk, and a large box of livebearers was shipped to the American Livebearer Association convention rare fish auction.

A word of caution: Some people have temporarily placed their fish with another fish keeper during their move. This can be a big benefit if you can't set up the new tanks right away or you have a sensitive species. However, I know of several instances where the fish have died, have been kept permanently, or sold off. It has resulted in hard feelings between friends and rifts within the clubs. Accidents and



Alan dismantling the old fishroom



Old Fishroom

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illnesses happen with fish. Keep in mind, there is always that chance you won't get the fish back. I highly recommend that you make some kind of agreement in writing, signed by both parties, so that there is less chance for misunderstandings.

My second piece of advice is to go online or in person and look at other people's fish rooms. Get ideas about what will work for your style and what won't.

During slow moments at work I drew a floor layout of the potential new fish room on graph paper. I also took time to work out vertical spacing of tanks since we had a lower ceiling height in the new fish room. I will warn you that your floor plans will most likely change, and change again, and again as things progress. I recommend that you plan for the aisles between tanks to be two and a half feet wide. I've seen narrower spacing in single user or skinnier peoples' fish room. If two of you are sharing the space, I highly recommend wider spacing between your fish racks. You will need to be able to pass by each other while working or feeding the fish, otherwise you will have to wait until your partner is finished in that row before you can access it. We allowed 2.5-3.5 feet between our rows. Currently, we have a bigger open area when you first walk into our fish room. This allows us more elbow room when we are bagging fish or to open up a couple of folding chairs for fish watching. It's going to be difficult to refrain

New Fishroom
(before)



from trying to squeeze in one more row of tanks. Vertical spacing between rows of tanks averages 10 inches. This allows us enough room to get our arm in and reach the bottom of the tank. Even this can make catching fish with the larger nets difficult. The smaller tanks are stacked vertically. The 125 gallons on the bottom

row are stepped out about 6 inches from the 125 above it. Stair stepping tanks can help you fit more in if vertical space is a challenge. Unfortunately, this takes up more floor space

and can make it more difficult to even feed the fish on the top row if you do 3 or more rows of big tanks like that.

There are several easily over looked things that I recommend for you to include in your fish room plans. You will enjoy having a table or counter to work on equipment, strip mouth brooding fish, and bag fish. Shelves or cabinets above and below this area will be great to store bags, emergency equipment, live food cultures, dry foods, filter pads, styros, etc. A small cart on wheels can be a good second place



The Aquarium stand that didn't work

choice, but you'll still need a spot to keep it when you're not using it. You'll need wall space to hang nets and water changing hoses. Most likely these will be next to your sink, water source, or bagging station. You can also add a sheet of peg board and/or hooks to the back of a door to store these items. I highly recommend that you plan a space for a dehumidifier and small refrigerator. If you want to keep white worms you'll want to buy a small wine fridge as well. One more thing that might be beneficial depending on the type of fish you are keeping, is one or two 55 gallon drums to store RO/rain/treated water in.

Ask your fish friends several weeks in advance of the day you need help. Try to not schedule it on the day of a fish meeting. Rent or borrow a van or truck to move the tanks. Have moving blankets or corrugated cardboard on hand to place between the aquariums. Furniture dollies and hand trucks will be useful back savers. Empty food grade buckets to place fish, gravel, and sponge filters in can often be obtained at farmer's markets and grocery stores. If the racks at your new place aren't ready, have pieces of 2x4 there to set the tanks on. This will make it easier to get your hands underneath it when you want to pick it up again. Beer, pizza and free fish will be appreciated by your helpers.

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C.A.R.E.S. REGISTRATION

June 2017 CARES Report

In May there was no CARES activity in ACLC.

C.A.R.E.S. has issued its first CARES Exchange, a report and listing of select available CARES fish. You can view it at the CARES website, caresforfish.org.


And I bid you adieu as your CARES coordinator.

~Gary Haas
 ACLC CARES Coordinator





SYMBOL KEY

The Gold Seal , designates that species is registered in ACLC CARES

The Green Seal , designates that a spawning report has been published in Tank Tales.

The Blue Seal , designates that species has been distributed and registered within the ACLC

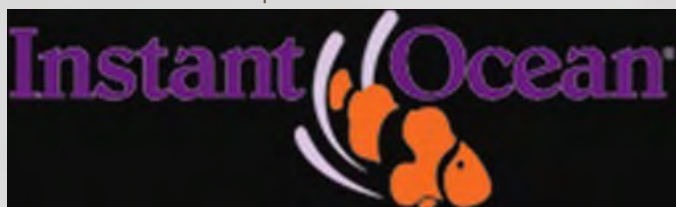
The Red Seal , designates that species has been distributed and registered in another clubs' CARES program.

Longevity Seal , indicates the number of years the member has maintained the species.

JOEL ANTKOWIAK

Tanichthys micagemmae					6
Ameca splendens					6
Tanichthys albonubes					5
Pachypanchax sparksorum					3
Neotoca (Skiffia) multipunctata					3
Coptodon snyderae					3
Ataeniobius toweri					3
Coptodon bythobates					3
Xenotaenia resolonae					3
Pachypanchax patriciae					3
Rivulus uroflammeus					3
Melanotaenia boesemani					3

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C.A.R.E.S. REGISTRATION

JOEL ANTKOWIAK CONT'D

Melanotaenia eachamensis	●				3
Cryptoheros myrnae	●				2
Bedotia geayi	●				2
Xiphophorus malinche	●			●	2
Zoogeneticus tequila	●				2
Melanotaenia parva	●				1
Chilatherina sentaniensis	●				1
Paretroplus maculatus	●				1
Nothobranchius kilomberoensis	●				1
Neotoca bilineata	●				1
Cryptoheros septemfasciatus	●				1
Characodon lateralis	●				1
Pelvicachromis silviae	●				1
Xenotoca melanosoma	●				1
Skiffia francesae	●				1
Characodon audax	●				1
Glossolepis incisus	●				1
Xenotoca doadrioi	●				1

STEVE ARNOTT

Tanichthys micagemmae	●		●		5
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GARY BOYER

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

RICH BRESSLER

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

PAUL BRICKNELL

Ilyodon whitei (lennoni)	●				1
Zoogeneticus tequila	●				1
Ameca splendens	●				1
Ataeniobius toweri	●				1

JOHN & NATALIE DICKEL

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

C.A.R.E.S. REGISTRATION

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

CLAIR KLINEDINST

Fundulopanchax amieti	● ● ●	2
Tanichthys albonubes	● ● ●	2
Tanichthys micagemmae	● ● ●	2
Fundulopanchax sjoestedti	● ● ●	
Chapalichthys encaustus	● ● ●	

KAREN HAAS & ALAN ROLLINGS

Synodontis brichardi	● ● ●	2
Glossolepis incisus	● ● ●	2
Chapalichthys encaustus	● ● ●	2
Cryptoheros nanoluteus	● ● ●	1
Xystochromis sp. "Kyoga Flameback"	● ● ●	1
Cryptoheros nanoluteus	● ● ●	1
Characodon lateralis "Los Berros"	● ● ●	1
Ilyodon whitei	● ● ●	1
Ataeniobius toweri	● ● ●	1
Pundamilia nyererei	● ● ●	1
Ameca splendens	● ● ●	1
Xystochromis phytophagus	● ● ●	3
Fundulopanchax sjoestedti	● ● ●	
Hypancistrus L333	● ● ●	
Amphilophus lyonsi	● ● ●	
Ptyochromis sp. Red Rock Sheller	● ● ●	
Paralabidochromis sp. Fire	● ● ●	
Pundamilia pundamilia Senga Point	● ● ●	

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LAWRENCE KENT



MARK DENARO

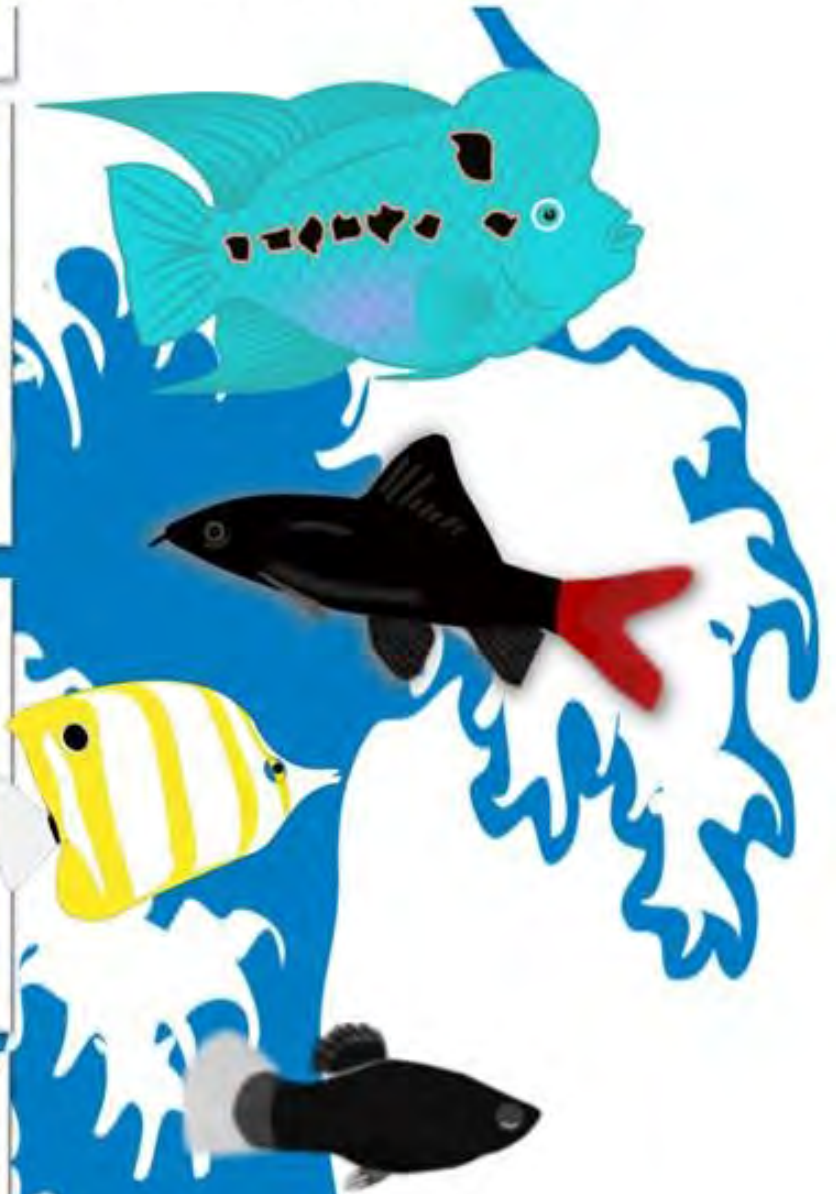


ANDREAS TANKE



CHRIS BIGGS

ANNOUNCING
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KeyStone Speakers!!



September 22-24 2017

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THE HY511 TETRA

HYPHESSOBRYCON SPECIES

“Candy Cane” Tetra

Photos & Text by Don Kinyon
ACLC, PVAS, CCA, JRAS, RAS

One of my favorite pet shops is a very small independent store that stocks mostly the bread-and-butter varieties of aquarium fish, but every once in a while will have some more unusual stock for sale. As I was wandering through the place one weekend I found some fish that I'd never seen before. There was a tank full of tetras, similar in body shape to a bleeding heart or a rosy tetra, but more colorful and very eye-catching. Most of the bodies of the fish were a pinkish-white, while their bellies and heads were more gold. Their pectoral fins were almost clear, the tails were clear with bright red ovals on the upper and lower lobes. The anal, pelvic and dorsal fins were bright red near the body, turning white towards the tips. There was a splash of black on the dorsal fin as well. These were really good-looking fish!

The fish were relatively cheap, so I took ten of them home and put them into a 40 gallon tank that had recently help some *Apistogramma* species. The water was set up for Amazon region fish, so it was soft, acidic, and brown: around 100 PPM TDS, 6.0 pH, and 76° F. Filtration for the

tank was an outside HOT filter with a foam block on the intake to keep small fish from entering. Most of the tank bottom was covered with java moss with some java fern mixed in.

These fish would eat anything offered and it seems that they are always hungry. Most mornings they would get flake food and some newly hatched brine shrimp,



Female

and in the evening they'd have either live or frozen food: black worms, white worms, daphnia, mosquito larva, blood worms, or glass worms. The type of food didn't seem to matter; as once it hit the water it was history!

(Continued on page 23)

(Continued from page 22)



My HY511 tetras were fairly young when I first got them and the sexes were hard to tell apart, so there was not much to do but feed them and watch. Once the newness wore off they were pretty much forgotten for a while. What got them back into the forefront of my attention was quite accidental. I often “spotlight” the fish after the lights go out for the evening to see what’s going on with them. It’s especially useful with *Corydoras* or other semi-nocturnal fish and shows behavior that the fishkeeper may not see during the daylight. When I was using this technique one evening I happened to look into the HY511 tank and saw what looked like some tiny shards of glass in the java moss near the bottom of the tank. Once I put my reading glasses on, I could tell they were young fish: probably half a dozen or so, and very small.



The next day I prepared another tank for the adult fish and moved them, trying to disturb the rest of the tank and the fry as little as possible. Of course, that never works and I made a complete mess of the aquarium. That night I spotlighted the tank once again and found that about a dozen youngsters could be seen darting around in the moss.

The young fish grew fairly quickly and soon would take the same foods as the adults, though in smaller sized pieces. There turned out to be about twenty; not

really as many as one would expect from a group of tetras, so when they were mature enough I removed them to another tank and picked out two males and one female from the original adult fish to go back into the breeding tank. By now the adults are very easy to tell male from female: the males have an extended dorsal and get larger than the females. They also tend to be more brightly colored. The females keep an oval-shaped dorsal fin, same as the young fish and the dorsal tends to have more white on it. They don’t grow as large as the males, but are thicker-bodied.

The breeders were fed at least twice a day with live foods and soon the females were robust and all the fish were very active. One day during the evening feeding I noticed the female was no longer as stout as she was that morning; she’d lost a lot of weight! Immediately the breeders were removed and joined the rest of their group in another tank. Then the waiting started. It was five days before any trace of young could be found, and there were only a few.... at first.

By the next day there were more fry, and the following day; many more. Soon there were far too many to count. When I felt the young fish were mature enough to stand the stress I started daily water

(Continued on page 25)

HORTICULTURAL AWARD PROGRAM MONTHLY REPORT-MAY 2017

PROPAGATOR OF THE YEAR

Wesley Bahrt	3 species
Scott Sommer	3 species
Charles Vickery	3 species
Gary Haas	2 species
Paul Tangredi	1 species
Bressler Family	1 species
Gary Boyer	1 species

GARDENER OF THE YEAR

Scott Sommer	60 points
Gary Haas	60 points
Charles Vickery	40 points
Wesley Bahrt	25 points
Bressler Family	15 points
Gary Boyer	10 points
Paul Tangredi	5 points

SPECIES PROPAGATED—MAY 2017

GARY BOYER 10 TOTAL POINTS

Ceratophyllum demersum * 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

LIFETIME ACHIEVEMENT AWARDS

2 Star Gardener

Gary Haas
Bressler Family

1 Star Gardener

Gary Boyer
Alan Rollings
Scott Sommer

Novice Gardener

Charles Vickery
Clair Klinedinst
Karen Haas



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(Continued from page 23)

changes in their tank; first with rain water, then a mixture, then with well water. It did not seem to harm the fish at all; they grew faster with the constant fresh water. Soon fish from two other tanks were evicted from their homes in order to find more space for the young tetras and before it was over, the original 40 gallon, a second 40, a 55 and a 125 all had HY511 fry growing out in them. Even at that, there was some crowding. The fish



Species Pair

room was being overrun! It's only a guess, but I'd estimate there were easily over 400 of them.

When no more than a few days old, the young HY511 would eat newly hatched brine shrimp until their bellies bulged a bright orange. They are ravenous even at this age. Growth was fairly rapid and at 10 days the fry had grown into the same ovate body shape of the adults. Finely crushed flake food was added to their diet about this time and they ate it with almost as much vigor.

When the tetras were around four weeks old and one half inch in length, I started selling them at aquarium society auctions, labeling them as "10 juveniles", but putting 15 or 16 in the bags. This made a lot of bidders happy and gave me some breathing room in my tanks. Once they

were down to occupying only two tanks (one of them a 125 gallon), I slowed the sales to a more moderate pace. Pet shops won't give too much for most tetras, but I found that most local shops were happy to trade HY511 for at least some store credit. Finally, months and months later, things have calmed to normal and only one tank holds the now-adult remnant of the HY511 brood.

This morning I set up two pairs in a 40 gallon tank with some java moss.

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BREEDER AWARD PROGRAM

MONTHLY REPORT

BAP NEWS AS OF JUNE 1ST, 2017

In June we had spawning reports only from Gary Boyer. Gary spawned the “wrestling halfbeak” live-bearer and his first catfish. Congratulations to Gary.

With the summer break nearly upon us, it’s time for YOU to find some outdoor water-holding container to put some hardy aquarium fish in. Your fish will reward you with offspring, and BAP will reward you with points. See you in the fall.

~Gary Haas, BAP Chair

MAY SPECIES BRED

GARY BOYER

Ancistrus sp.

Dermogenys pusilla

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2017 BREEDER OF THE YEAR

Clair Klinedinst	65 points
Haas/Rollings	56 points
Gary Boyer	53 points
David Tangredi	20 points
Bressler Family	15 points

2017 SPECIES BRED

Clair Klinedinst	5 species
Haas/Rollings	4 Species
Gary Boyer	4 species
David Tangredi	2 species
Bressler Family	1 Species

BAP LIFETIME ACHIEVEMENT AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

F. WAYNE CALENDER BREEDER

Bressler Family	1925 pts
Wayne Calender	1593 pts

GRAND MASTER BREEDER

Paul Bricknell	2003 pts
David Stephon	1120 pts
Pedro Sanchez	1050 pts

EXPERT BREEDER

Bob Kulesa*	812 pts
-------------	---------

ADVANCED BREEDER

Joel Antkowiak*	1278 pts
Haas/Rollings*	756 pts
Gary Boyer *	715 pts

2 STAR BREEDER

Gary Haas*	517 pts
Danny Corman*	498 pts
Clair Klinedinst*	235 pts
J/N Dickel	178 pts

1 STAR BREEDER

Gene Regener	245 pts
Pat Kelly*	165 pts
Glenn Davies*	140 pts
Dave Frehafer	90 pts
David Tangredi	87 pts
Scott Shenk	70 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.*

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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	

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
Gary Boyer	

CLASS 8—OLD WORLD CICHLIDS

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



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CLASS 9—RAINBOWS & BLUE-EYES

Bressler Family

CLASS 11—OTHER AQUATIC ANIMALS

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

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 Greater Akron Aquarium Society

Ultra-Aqua 2017



**Saturday
Afternoon
Swap Meet!**



**Saturday
Party
Speaker!**

60 Class All Species Tropical Fish Show

ALL CASH PRIZES

June 10 & 11, 2017

Tallmadge Community Center

80 Community Dr., Tallmadge, OH 44278

For more information or to reserve a table for the Swap Meet:

Bud White
(330) 848-3856
bwhite@neo.rr.com

Rich Serva
(330) 650-4613
rjserva@gmail.com

Wayne Toven
(330) 256-7836
wtoven@hotmail.com

TENTATIVE SCHEDULE OF EVENTS:

Saturday:

Show Registration	10 a.m. to 5 p.m.
Swap Meet	noon to 5 p.m.
Show area closes	7 p.m.
Dinner/Party	7 p.m.

Sunday:

Exhibit Hall Opens	10 a.m.
Auction Registration	10 a.m.
Auction Begins	11 a.m.
Awards Presentation	5 p.m.
Tear-Down	4 p.m.

INTERNATIONAL BETTA CONGRESS BETTACON 2017



Aurelia Ogles and Connie Emery, Co-Chairs

aureliao@aol.com; cjnemery@gmail.com

T-shirts only \$20, Collar/polo shirts \$30

Class Sponsorship \$20

June 22 thru 25, 2017

Early Bird Full Convention

Package: \$175 (after May 1 \$190)

- Workshops & Meetings
- President's Reception Thursday night
- Friday Breakfast, Lunch, & Dinner
- Saturday Breakfast, Lunch & Banquet
- Sunday breakfast
- Hospitality Friday & Saturday
- T-shirt (\$10 extra for collar/ polo shirt)

Meals Only (7 meals) \$125.

Breakfasts & Dinners only \$100

Workshops & Meetings only \$50

Banquet Only \$70

Hospitality Room Only \$30

**Optional Pre-Convention field
trip to Segrest Farms \$45**

Orlando Clarion Inn & Suites 5827 Caravan Court, Orlando, Fl. 32819 \$94. per night plus tax
Across the street from Universal Studios and Islands of Adventure (recognized as the Number 1
Theme Park in the USA). Orlando Premium Outlets on International Dr. and Sea World are 5-10
minutes away. I-4 shuttle takes you to area sites. Disney World, MGM, EPCOT & Animal Kingdom
are 20 minutes away. Busch Gardens & Cape Canaveral are 60 minutes away.

Go ahead and **RESERVE** your rooms **NOW**. You can cancel up to 24 hours before arrival at no
charge. The number to call is **407-351-3800**, everyone at the front desk should be able to
book for the group.



Michigan Cichlid Association Presents

Cruisin' for Cichlids



ACA 2017

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(248) 349-4000

FIRST CLASS SPEAKERS

Juan Miguel Artigas Azas

Pam Chin

Jeff Michels

Chris Carpenter

Ted Judy

Larry Johnson

Dale Ernst

Dominic Cergnul

FUN THINGS TO DO

First Class Tours

Belle Isle Aquarium and
Scripts Conservatory

Henry Ford Museum

Babes Auction

ACA Members-Only Raffle

Dry Goods Auction

Sunday Livestock Auction



ACA Convention

For more information: ACAConvention2017.com