

TANK

JANUARY 2018

VOLUME 47, ISSUE 1

TALES

January Meeting

Mark Denaro

“Nano Aquariums 101”

Saturday, January 20th at 1:00

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

A SNOWBALL'S
CHANCE IN HELL

JOEL ANTKOWIAK

NANNOSTOMUS
MORTENTHALERI

DON KINYON

APHYOSEMION
CELIAE CELIAE

RICH BRESSLER

PHOTOS OF THE
REEFS

JIM STOKES

SUMMER
TUBBIN' 2017

RICH BRESSLER

THE OSCAR

JOEL ANTKOWIAK

TANK TALES™



ON THE COVER:

Red & Green War Coral

Photo by Jim Stokes

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TABLE OF CONTENTS



PRESIDENTS' MESSAGE
MICHAEL BUCHMA

3



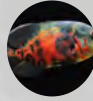
EDITOR'S NOTES
KURT JOHNSTON

4



AQUATIC LIFE EDUCATION FUND
KURT JOHNSTON

10



THE OSCAR
JOEL ANTKOWIAK

12



BLAST FROM OUR PAST
HOW TO PREVENT BECOMING CICHLID NUT

14



MONTHLY CARES REPORT
CLAIR KLINEDINST

16



A SNOWBALLS CHANCE IN HELL
JOEL ANTKOWIAK

17



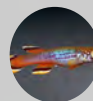
SUMMER TUBBIN 2017
RICH BRESSLER

18



NANNOSTOMUS MORTENTHALERI
DON KINYON

20



APHYOSEMION CELIAE CELIAE
RICH BRESSLER

24



PISCATORIAL PEARLS
KURT JOHNSTON

26



PHOTOS OF THE REEFS
JIM STOKES

28



MONTHLY HAP REPORT
MICHAEL BUCHMA

30



MONTHLY WAAP REPORT
KURT JOHNSTON

31

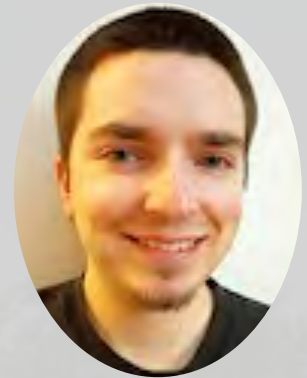


MONTHLY BAP REPORT
GARY HAAS

32

PRESIDENT'S MESSAGE

Happy New Year ACLC!



Michael Buchma

A new year is amongst us. Do you have any fishy new year's resolutions? If regular water changes are part of your fishy new year's resolutions, hopefully you can continue them thru the entire year!

In 2018, the ACLC has full year of regular meetings with the Keystone Clash being held in September. In case you have not heard, the Keystone Clash is moving to a new venue in 2018. The event will be had at the Clarion in New Cumberland. As always, with an event this large, the ACLC and CCY will need help. Please ensure to contact Kurt if you would like to volunteer.

On January 20th at 1:00, we will meet at Bird-in-Hand Fire Company to welcome our speaker of the month, Mark Denaro.



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EDITOR'S NOTES

ACLC Members,

Wow! January is getting Tank Tales off to a roaring start! This issue has more articles and photos than any issue since we took over as editors. Thank you to Don Kinyon, Rich Bressler, Joel Antkowiak and Jim Stokes for their articles and photos. Because of the number of articles and photos we will have an Article and Photo of the Month contest at our January meeting so, be there and pick your favorite.

We will be starting to put together the February issue soon so PLEASE send in your submissions as soon as possible. Our meeting is on February 10th and we like to get Tank Tales out to member's well in advance.

Let's keep up the good work!

It's Your Club, Your Tank Tales!

Thank you

Tim & Kurt

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

Deadline for February Tank Tales is January 24th!

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JANUARY PROGRAM

“Nano Aquariums 101”

Presented by Mark Denaro



Time & Place

Saturday, January 20th
at
1:00 PM

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

Mark Denaro has been keeping freshwater aquariums since 1970 and marine aquariums since 1976. Mark has been keeping planted and biotope aquariums since the mid-70s and was keeping reef aquariums before that term was coined. He has bred well over 200 species of freshwater fish and propagated over 150 species of aquatic plants. He has spawned 10 species of marine fish and propagated over 40 species of marine invertebrates. Mark is a coauthor of *Adventurous Aquarist Guide to the 101 Best Freshwater Nano Species*, published by Microcosm, Ltd. in September of 2014. He has written articles for several national and international magazines and wrote the recurring column ‘Into the Labyrinth’ for “Tropical Fish Hobbyist” magazine. He currently writes feature articles for TFH. Mark has been involved in the organized hobby since 1984. He is a past president of the International Betta Congress, the Indianapolis Aquarium Society and the Bucks County Aquarium Society. He is a founding member and the inaugural president of the American Labyrinth Fish Association. He is a well-known speaker and judge and has lectured to more than 50 aquarium societies in 20 states plus Canada and Bermuda and spoken at numerous regional and national conventions.

ACLC SPEAKER SCHEDULE

| 2018 |
|------------------------------------------------------|
| January 20th* - Mark Denaro |
| “Nano Aquariums 101” |
| February 10th**- Dean Majorino |
| “Program TBD” |
| March 17th—Michael Barber |
| “Program TBD” |
| April 21st—David Banks |
| ”African Rift Lake Cichlids & Appropriate Tankmates” |
| May 19th—Joe Doyle |
| “Getting Ahead in BAP” |
| June 16th—TBA |
| |
| August 18th—TBA |
| |
| September—No meeting |
| See you at the Keystone Clash |

* - Board Meeting will be held prior to meeting

** - Meeting is not on 3rd Saturday

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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 ()

MEMBERSHIP TYPE: () NEW () RENEWAL **for** () Individual () Secondary () Family () Junior

NAME(S): _____

ADDRESS: _____ City: _____

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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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| | | |
|----------------|----------------|------------------------------------------------------------------------|
| President | Michael Buchma | president@aclcpa.org |
| 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 | malt@aclcpa.org |
| Member-at-Large | Clair Klinedinst | mal2@aclcpa.org |

CHAIRPERSONS

| | | |
|---------------------|------------------|--------------------------------------------------------------------|
| ALEF Program | Kurt Johnston | alef@aclcpa.org |
| Auction | Danny Corman | auction@aclcpa.org |
| BAP | Gary Haas | bap@aclcpa.org |
| CARES | Clair Klinedinst | cares@aclcpa.org |
| Equipment (A/V) | Michael Buchma | equipment@aclcpa.org |
| Exchange Editor | Kurt Johnston | 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 | Kurt Johnston | coordinator@aclcpa.org |
| Special Events | <i>Vacant</i> | |
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AQUATIC LIFE EDUCATION FUND

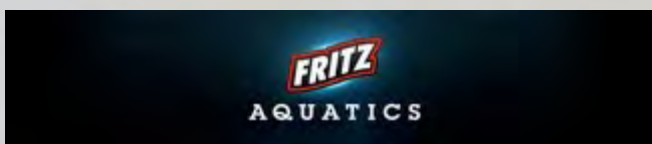
In January 2016, the Aquarium Club of Lancaster County Board of Directors announced a new program, the ACLC Aquatic Life Education Fund. This program has been instituted to assist schools in our area with funding for the continued development of curriculums related to the study of aquatic life. The importance 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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AQUATIC LIFE EDUCATION FUND DECEMBER 2017 REPORT

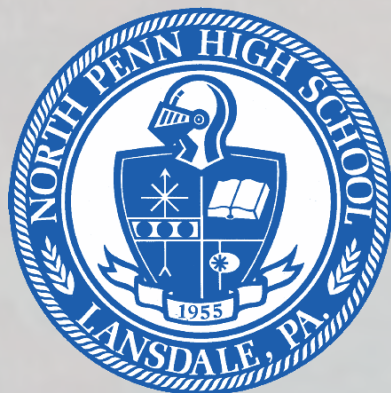
We are currently a little behind 2017 but, I do expect our fund collections to heat up as the weather does. Remember that we have a class full of students at North Penn High School that are really looking forward to our assistance so that they can continue learning. We need these young adults to take the reins and be interested in our great hobby so that it is around for generations to come. Lets show the how much we really do care!

If you have any questions, please contact me at ALEF@aclcpa.org.

Thank you

Kurt Johnston

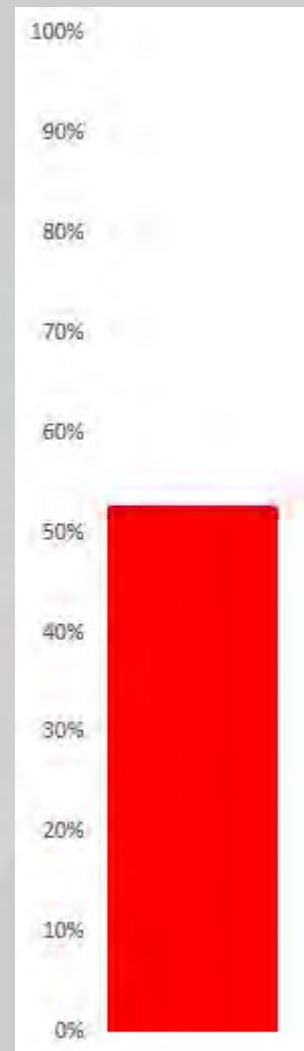
ALEF Chair



2018 Goal = \$650.00
Current = \$342.19



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CLASSIC CICHLIDS

THE OSCAR

By Joel Antkowiak

Photos are uncredited photos from various internet sources

The commercialization of the aquarium hobby has prompted those who can to develop many strains of various species of fish in the name of the almighty dollar. Many forms and colors of fancy guppies, *Betta splendens*, goldfish, and various “Glofish”, among many others, stock the tanks of many a shop. Despite most species being very attractive as nature has provided them, a huge market for man-made strains has evolved. Fishes of the family Cichlidae are no exception to falling victim to this trend. This started with the angelfish, which has since had many various forms established in the hobby, followed closely by discus. But there are still some people out there that prefer cichlids the way mother nature intended them to be. So, let us take a trip back in time and look at the first cichlids that made their way into the hobby, before man got his money grubbing hands on them.



This first edition will focus on the Oscar, *Astronotus ocellatus*. Other common names for the wild coloration are velvet cichlid and marbled cichlid, but in today’s hobby the common name is usually suggestive of the man-made color and/or finnage type. More on those later. The Oscar is endemic to the Amazon and Orinoco River basins in South America, preferring to inhabit slow moving waters which

encompass parts of Brazil, Argentina, Peru, Columbia, Paraguay, Uruguay, French Guiana and Venezuela. There are feral populations in northern Australia, China and south Florida in the United States. The wild form of this fish has been known to grow to 18 inches in length, but in captivity it is more likely to max out at about a foot, maybe 14 inches. Those huge wild beasts have been known to weigh in at 3.5 pounds!



The original wild “look” of the Oscar is not unattractive, although I doubt anyone could consider it the most beautiful fish. It has a stocky, oval shape with strong finnage. The basic color is a mottled gray-brown to olive. There is an orange to red ringed black eye spot – sometimes two - at the base of the caudal. There is even occasionally one of these spots to the rear of the dorsal fin. These spots help to confuse predatory fishes, especially piranha, which inhabit the same waters as Oscars.

Some folks did not think that the wild look Oscar was good enough, and so along came the

(Continued on page 13)

(Continued from page 12)

red tiger Oscar. This variety has marbled patches of red color amongst the dark backgrounds, which makes for striking contrast. Of course, once some red pigmentation is introduced, the next step is to make it more red! So the red Oscar comes along, which has essentially a red body with dark colored finnage. The next goal for



genetically manipulating the species to be achieved is the removal of all black pigmentation, the efforts from which arise the albino tiger Oscar and albino Oscars. Even golden, or yellow Oscars have been developed.

Somewhere along the way, someone noticed a gene for longer finnage occurring in the Oscar. Enter the monstrosity known as the veil-tail Oscar. These fish are rarely seen with good finnage, as Oscars can be aggressive and ripped or torn fins are the result of conflicts amongst their brethren.

The Oscar remains a popular fish for beginners despite their penchant for growing large. They are easy to keep, tolerating a wide range of water conditions. Perhaps their most endearing quality is the ease with which they can be trained to come to the surface at feeding time. They can be taught to jump out of the water and take bits of food right from their master's hand. They do eat a large amount of food, and grow very quickly, so the performance of frequent partial water changes is a must. Other than that, Oscars are great fish. Just make sure you have a big enough tank for them.

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Blasts from our Past

How to Keep from Becoming a Cichlid Nut!

-by David Herlong

This article was first published in the December 1982 Issue of Tank Tales™ and was reprinted from the Fall 1982 edition of "Carolina Aquarist"

For those of you who are worried about becoming a cichlid nut, I have outlined a few simple steps to follow and therefore avoid all that pleasure. For those of you who already are cichlid nuts, I would suggest that you continue on to the next article.

1. One of the most important things to remember is to be sure and avoid any literature that may contain any information about how easy it is to keep cichlids or their extremely hardy nature. Equally as important are those that contain any information about the cichlids fascinating breedline habits or photographs (especially in color). These magazines are often the starting place for people to find out more about how beautiful cichlids can be, what size they grow to, what size tank they require.
2. If you slipped up and didn't follow step #1 there is still hope. At this point you must be sure not to take any time to look at the cichlids in the pet shop. This can be particularly dangerous because many cichlids will put on a real show for passers-by. Even the slow-moving sulking species can quickly find their way into your heart if you give them the slightest chance. If you break down and fear that you may go into depression if you don't have any of these fish at this point, may buy a few, preferably the plainer varieties and only one of each species so that you will be guaranteed no chance of a breeding pair. With only one of their own species you may hope that they die of loneliness.
3. O.K. you have to have more than one of each species. It might work out if you don't buy more than six and keep them in a very small tank. If you fail this step and get more than six, chances are that you will get a breeding pair which can only mean one thing: MORE CICHLIDS!!
4. If you end up with a breeding pair it is best to read about their breeding behavior so that you can prevent it. This will keep you from making any money causing tension in the tank and worrying about all those cute fry.

(Continued on page 15)

(Continued from page 14)

At this point you may even give up this hobby, if not you are probably a fatal case.

5. Finally, if you are still interested in cichlids there is still a very slim possibility that you may be able to break the habit. This is very important because if you fail this final step you are doomed to a life of feeding and changing water and finding good homes for the young. To avoid going over the edge you must resist close contact with other cichlid nuts. Their tremendous enthusiasm and knowledge can really get you hooked. I might also add that it is an absolute no no to join the American Cichlids Association. This organization can be extremely dangerous to your health with its great publications and yearly meetings.

If you have failed to take any of the above advice in this column, don't worry, you are O.K.! You have just joined me and a good portion of the aquarium keeping population in the world.

If you would like information about joining the ACA contact me, I will be happy to help!!

~ Special Editor's Note

In August of 2016, the Aquarium Club of Lancaster County lost its last remaining founding member when F. Wayne Calender passed away. Wayne's son David got in contact with me this summer to let me know that there were some ACLC related items in the house that he thought we might appreciate having. After bringing these boxes home, I have found a small treasure trove of interesting ACLC history including several articles written by Wayne, other ACLC members and even some exchange articles that were sent to Wayne. I am going to reprint these articles and I will include any information I have with the article. For those of you that did not have the pleasure of knowing Wayne, he was "The Scaly Thumb"!

Kurt Johnston
Associate Editor

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C.A.R.E.S. REGISTRATION

2017 End of Year CARES Report

ACLCLC is a club member of CARES Fish Preservation Program. A member requirement is to provide reports three times a year January 10, April 30, and August 30. We are striving to provide CARES with the information they ask for, what CARES fish species we have actively being maintained within members of the club. Please when you receive an email requesting what species you maintain, reply, so we can give CARES the information in a timely manner. We need to know what species you are currently maintaining with at least a breeding pair and what species you no longer have. As this issue of Tank Tales is being published we may miss being accurate on the January 10, 2017 deadline, but April 30 is not that far away and we will try again.



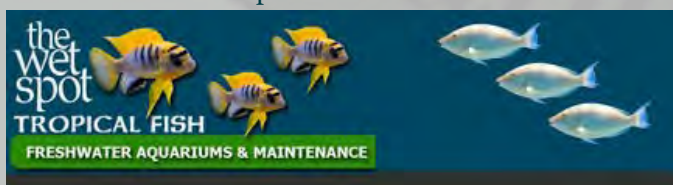
NEW additions to the CARES program have to be done through CARES at the [CARES Website](#) .. So, any of the new CARES species (since 1/27/2017) need to be done that way. We can record deletions but everything else comes from CARES.

Starting with the February issue of Tank Tales we would like to record and report CARES species going through our auction. If you bring CARES species to the auction please mark the bag prominently that it is a CARES species. You get credit in the record for distributing those fish if you have registered them with CARES! See Clair Klinedinst to make sure your fish get tagged as a CARES species.

A big THANK YOU to all those actively participating in the CARES preservation program!

Clair Klinedinst
ACLCLC CARES Liaison
cares@aclapa.org

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A SNOWBALL'S CHANCE IN HELL

by Joel Antkowiak

Pretty good, as it turns out. That is when the hell I speak of is my mancave ever since a pipe broke a couple years ago and I have yet to have an opportunity to make all the repairs that are needed. And the snowballs are *Neocaridinia zhangzhajensis* (sometimes seen as *zhangjiajensis*), the snowball shrimp.

I obtained the snowballs at a Greater Pittsburgh Aquarium Society meeting in October 2016. I was invited to speak at the club and I never turn down a chance to return to the old roots. There are always a bunch of things in which I am interested in the GPASI auctions, and I always come home with a few new things. The snowball shrimp were submitted for their BAP and were young. The shrimp have a milky translucent body, with a white spot on their back. As always, when I got them home I had no place to put them. That is my curse. Lack of will power. So I just dumped the bag into a 2 gallon Luster tank and there would be their temporary home.

Temporary is a funny word. It turns out they would be there for several months, being

virtually ignored except to throw a food tablet in the tank once a week or so. Then one day I decided to actually look into the tank. Well, would you look at that...the original shrimp had grown, and one was berried up. And, there were actually a few wee baby shrimp in the tank as well. What to do now. Hey, I know. I will set up a 5 gallon tank, actually put a sponge filter in it and a bit of guppy grass, and put the snowball shrimp in there. An LED shop light over the top on a timer and voila!

It didn't take long for the shrimp to multiply. And multiply. Soon there were several hundred snowball shrimp of all sizes in the tank amongst a dense growth of guppy grass. Feedings increased as the population grew, with the main diet consisting of Sera catfish chips and Northfin algae wafers. The colony was recently moved to larger quarters and the shrimp continue to multiply. Soon I will have a constant source of live food available to condition my fishes for breeding.



Figure 1: Snowball shrimp swarming a food pellet

Summer Tubbing 2017

“Breeding of the Silver Tip Tetra”

By Rich Bressler

My interest in summer tubbing was peaked after a great presentation by Rachael O’Leary at one of our ACLC meetings. She described the process and which types of fish would be good candidates for outside tubs. Then after a visit to her fish room to purchase some of her fish, she showed me her outside tubbing operation. It was quite impressive!

So, in the summer of 2016, I set up my own backyard tubbing operation. I acquired a 30-gallon plastic tub and a 100-gallon plastic tub. I also had a 150-gallon galvanized steel tub which I had for years. A tetra whisper 60 air pump with a gang valve was used to power Hydro sponge filters. Each tub received some floating water sprite, Hornwort, and some potted water lilies. Then after about a week, 8 Chili Rasboras went into the 30-gallon tub. Eight *Microdevario nana* went into the 100-gallon tub and 8 *Danio choprae* were added to the 150-gallon tub. All the fish were new purchases and were added right into the tubs.

The fish were fed very lightly about once or twice a week. Some water was added occasionally because of evaporation. The two smaller tubs looked great, plants

were growing well, and the water had a nice clear amber color. The 150-gallon galvanized tub, however, was not doing well. The water seemed brown and plants were kind of dwindling away.

Early in September it was time to harvest the fish along with what we hoped would be a new crop of babies. All the adult Chili and *Microdevario nana* were recovered, but no babies. The galvanized tub contained no adults or babies. The tub with the Chili Rasboras also produced some turquoise rainbows babies. Apparently, the adult rainbows in my aquarium had laid eggs in the plants before I moved them outside. So, summer 2016 was pretty much a failure but some lessons were learned.

When spring of 2017 rolled around, I scrapped the galvanized tub and bought another 100-gallon plastic tub. This time I set the tubs up in May with just the plants. I also tried adding Guppy Grass (*Najas Guadolupensis*). A more powerful air pump, the super luft pump was also installed. This time I went with Silver Tipped Tetras in the 30-gallon tub, Black Neon Tetras in one of the 100-gallon tubs and Brilliant Rasboras in the other. I also added Red Wag Platies to my 40 gallons in ground pond. All fish were

(Continued on page 19)

(Continued from page 18)

conditioned in my aquariums and then moved outside near the end of June, giving the water almost two months to cycle and allow for microscopic life to grow.

By the end of July, the guppy grass had grown very thick in the 30-gallon tub and we started seeing baby Silver Tip Tetras swimming near the surface. The two 100-gallon tanks were a different story. The water lilies and surface plants had taken over and shaded out the guppy grass. This probably gave the adults less breeding spots and the fry nowhere to hide. Meanwhile the pond was loaded with Red Wag Platy fry.

We emptied the tubs and the pond at the end of August. We recovered all of the adult fish. The Silver Tip Tetras had produced a nice crop of fry and again we got some rainbowfish, this time Red

Rainbows (*Glossolepis incisus*) fry as a bonus. No fry were recovered from the Black Neon Tetras or the Brilliant Rasboras. The Red Wag Platies had pretty much over populated the pond. I would call the Summer of 2017 a half success. Again, some valuable lessons were learned. I believe if you want to spawn egg scatterers, you should go with the guppy grass and no floating plants. If you are going to have lots of floating plants, you might want to try some type of Anabantoid.

I am now looking forward to the summer of 2018. Hopefully with everything I have learned from my previous failures, it will be a complete success. I hope this article will inspire others to give it a try and possibly learn from my mistakes. Outdoor tubbing is really fun and not that expensive.

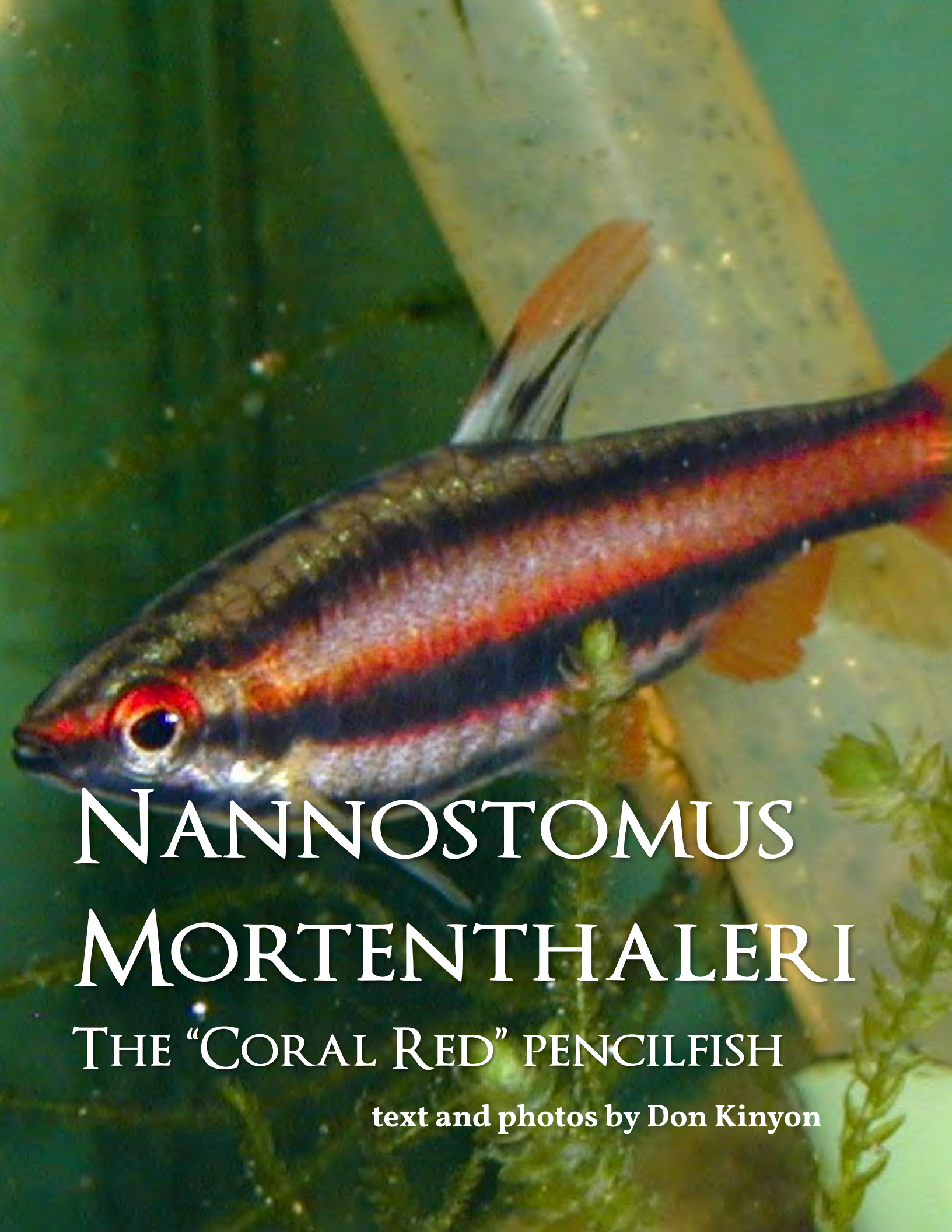
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NANNOSTOMUS
MORTENTHALERI
THE "CORAL RED" PENCILFISH

text and photos by Don Kinyon



A very colorful small characin from the Rio Nanay basin in Peru, the “coral red pencil fish” or *Nannostomus mortenthaleri* may just be the perfect aquarium fish. It’s hardy, easy to keep, accepts most any foods offered, is adaptable to most water conditions and is not extremely hard to breed in captivity. This fish, in fact, is one of the best of the “dither fish” that I’ve ever found. It’s small size, pleasant demeanor, and extremely small mouth (*Nannostomus* actually translates to “small mouth”) it can be safely used to make many species of small cichlid or catfish more comfortable.

Paepke and Arendt described the fish in 2001 and it was first considered a subspecies of *N. marginatus*. When it was officially named, Martin Mortenthaler was honored, as he first discovered the species.

N. mortenthaleri is a small pencil fish, the female reaches up to one and one-half inches and is the larger of the pair in my experience. Like most pencil fish, they are very slender as well. The belly and back of the fish is olive drab to brown in color, and there are two white stripes running the length of the body. What really sets this fish apart from most others is the bright red stripe starting at just above the mouth, through the eye and running to and through the tail. The fins are bright red, apart from the pectorals, which are usually clear. The males are somewhat more slender and more brightly colored than the females.

The water conditions for the fish in nature are varied, but is almost always fairly soft and acidic. These fish are sometimes found in blackwater habitat which can be very low pH and extremely low in conductivity. In the aquarium, I’ve had this fish in everything from cool water *Corydoras* tanks at 180 PPM total dissolved solids, and pH in the mid sevens, to blackwater *Apistogramma* tanks over 80°F and a pH near 4.0, 0 PPM of TDS. They thrive in either extreme, but do seem to show better color in the warmer, softer water.

There was a bag lot of three of these great little fish in a rare fish auction I attended

(Continued on page 23)

ACLC Notes

Keystone Clash

Planning for the 2018 Keystone Clash has begun and we could always use your help! If you have some ideas or just want to get involved contact Kurt at the next meeting or send him an email at :

kurtj@keystoneclash.com

Get Involved!

September 14-16, 2018

Do you know what these letters mean?

BAP, HAP, CARES,
WAAP

They all stand for more ways to enjoy the hobby!!!

Just ask Gary, Mike B., Clair or Kurt

What do you want to hear about?

Do you have a topic you would like to hear presented at one of our meetings? Let us know! We want to provide you with the knowledge you are interested in acquiring. Send us your ideas :

coordinator@acIcpa.org

Article of the Month &
Photo of the Month

Vote for your favorite at the January Meeting!

(Continued from page 21)

and even though I wasn't sure if both sexes were represented, I bid high and won the lot. The three small fish's first home was a small tank, around 5 gallons, with a sponge filter, sand bottom and large mass of java moss. Water was straight rain water with a pH of 5.5 and had little or no TDS. There was no heater in the tank and the temperature fluctuated between 74° and 78° F. They were offered a variety of foods: mosquito larvae, daphnia, newly hatched brine shrimp, flake and freeze-dried prepared foods. Most everything was accepted with gusto. Water changes were 50% once a week.



Young Nannostomus mortenthaleri

Once the fish had been eating well for a week or so, it was clear that at least one of the three was a male. The others (I think) were female. After the pencil fish had spent a few weeks in the new home, some very small fry could be seen near the surface of the water. I always "flashlight" the tanks after the lights have been out for an hour or so to check on the fish. It's proved to be a great tool for spotting fry or catching natural behavior of more nocturnal species. During the lighted hours the young fish were never within view, but hung at or near the surface in the dark. Once the fry were noticed, the adults were moved to an adjacent tank with the same water and set up to start the process over again. The first spawn was in the spring, so the outside tubs were teeming with micro foods which could be strained and fed to the young fish. The fry browsed on the strands of java moss as well, so had plenty to eat.

The abundant food turned out to be a lifesaver for the brood, as it turned out. As they grew, it was clear that there were a considerable number of young fish. A quick count came to 70, but with

the way the fish moved and all the cover in the tank, it was clear that number was conservative. The young fish grew quickly and in a few weeks, they were about half an inch long. Water changes started at 50% every second day, then every day, then twice daily as the fish grew (not the easiest task with a small tank and a large number of fish, but I was out of space). By this time the *N. mortenthaleri* were large enough to take flake food as well as the smaller live foods, and they were large enough to move around into other tanks as unplanned dither fish. I never got an exact count of the brood, but it was well over 100.

The second tank setup proved to produce around the same number, and the third a little smaller. Possibly, age is catching up with the parents or maybe they're just tired.

I'd recommend this species for almost any hobbyist that can reserve a tank for smaller fish. They aren't aggressive toward other fish, are easy to keep and are one of the most attractive fresh water aquarium fish available. I don't see any downside to keeping them at all. Okay; probably not a good idea to put them with Oscars.



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BREEDING THE APHYOSEMION CELIAE CELIAE

Story by Rich Bressler

This mop spawning killifish originates from the Mungo drainage system of western Cameroon. It lives in slow moving brooks, swamps or pools in rain forest areas.¹ In the aquarium, *A. celiae celiae* will reach a size of 2.25 inches. They are quite tolerant of water conditions. They can be maintained in a pH 6.0 to 7.5, and water temperatures from 73 to 79 degrees Fahrenheit.

The males have beautiful coloration. The body has a pink color which fades to a light blue, carrying some purple to red spots. The caudal fin has an outer margin of yellow and an inner margin of a brownish to maroon color, separated with white. The dorsal and anal fin also have this pattern. Color patterns can vary slightly. Females are a drab brownish-gray. *A. celiae celiae* are quite easy to breed. The eggs hatch in 14 to 22 days. The fry will reach sexual maturity in about five months. They are excellent jumpers, so keep them covered.

I was told about the natural method of spawning by Paul Bricknell. First of all, I set up my two 2 1/2 gallon spawning tanks. I use a yarn spawning mop in the corner, with a nice sized clump of Java moss in the middle of the tank. In the other corner, I placed a small sponge filter with a gentle stream of bubbles. The male and female are separated for a week prior to spawning. During the separation they are fed newly hatched brine shrimp, frozen brine shrimp, and frozen blood worms.

(Continued on page 25)

After the week had passed, the male and female are placed in the spawning tank. It is quite fun to watch the male displaying for the female. He will flash his fins and swim around her. Then he will drive her into the Java moss and spawning mop where the eggs are laid. After 12 days, I remove both fish from the spawning tank. I will place the male into a second spawning tank with a different female who has been conditioned for spawning and let those two mate.

When the male and female are removed from the spawning tanks, you will start to see tiny fry swimming around near the bottom of the tanks after about a week. For this reason, I siphon off water from the middle to the top of the tank. I start feeding with infusoria and the fry can also eat small micro-organism off the Java moss. After about a week, I start feeding newly hatched brine shrimp and banana worms. The natural method is great because

you don't have strain your eyes trying to gather eggs or try to catch the tiny fry, once they have hatched. Just let them grow in the spawning tank for several weeks.

Aphyosmeion celiae celiae is a great little killi to keep and breed. They don't take up a lot of space either, just a few small tanks will work. I would highly recommend them for someone as their first Killifish. Also, they are a good choice to add points to your club's BAP program. Give them a try!

¹Fish base.org

² Background Photo from the internet by Kristo Kristov, Petshop-zoomania.com



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Piscatorial Pearls

“Reviewing Aquarium Society Newsletters from Around the World”

This month we begin our journey across the border with a couple of articles in the October 2017 issue of the [Kitchener Waterloo Aquarium Society’s Fins & Tales](#). The first article is a BAP report on “[Herichthys carpintis Escondido](#)” by Zenin Skomorowski that tells us about the success that Zenin had by being patient with this Mexican cichlid. The other article in this issue is titled “[A Day in the Life...](#)” by Karen Murray. I think just about every member of our club (or any other club) can relate to Karen’s recap of one of her days.

Our next stop is in the Garden State for 3 stories in the October 2017 edition of the [North Jersey Aquarium Society’s Reporter](#). The first story in this edition is Dr. Paul’s Fish of the Month “[Puntius anchiporus](#)”. Paul give us his normal excellent description of his success with this beautiful little Barb. Next we have a story titled “[The Big and the Powerful](#)” by Chuck Davis that gives us a good description of the fish known as Snakeheads. The final story in this edition is “[A Tubbin’ Adventure](#)” by Roy Allen that tells us about Roy’s step into outdoor tubs.

Next we head to the Sunshine State for an article in the October 2017 issue of the [Tampa Bay Aquarium Society’s The Filter](#). This article is titled “[Fish Nutrition Pt. 1](#)” by Joe Gargas that goes into detail as to what to look for when feeding your fish for the best nutritional value.

Staying down south, our next stop is in the Peach State for a story in the October 2017 edition of the [Atlanta Area Aquarium Association’s Fish Talk](#). This story is titled “[Why I Like Snails](#)” by Bob Major that basically just answers the question.

We make our next stop in the Buckeye State for an article in the November –December 2017 issue of the [Greater Akron Aquarium Society’s Tank Topics](#). This article is titled “[Those Leupy Leleupi](#)” by Wayne Toven that give an excellent description of Wayne’s experiences with this popular African Cichlid.

Heading to the Evergreen State, we stop for a story in the November 2017 edition of the [Greater Seattle Aquarium Society’s Northwest Aquaria](#). This story is Part 2 of Kat Hentsch’s description of her adventure at the “[North American Native Fishes Association](#)” convention.

The Show Me State is the next destination with a stop for 7 articles in the November/December 2017 issue of the [Missouri Aquarium Society’s The Darter](#). The first article is actually 11 articles all combined into one! “[Spawning Difficult Fish](#)” by various MASI members covers the methods used by Deb Sultan, Guy Tinker, Mike Hellweg, Pat Tosie and Jack Heller to spawn *Synodontis multipunctatus*, *Enantiopus melanogenys*, 3 *Pangio* species, *Akysis vespa*, *Girardinichthys multiradiatus*, *Skiffia multipunctata* and 3

(Continued on page 27)

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

(Continued from page 26)

Moema species. Each of these have short descriptions to help you keep and spawn some of the more unusual species. The next article is by James Wetzel . James gives us a very detailed description of his experience in “[Breeding the Missouri Native Redspotted Sunfish](#)”, *Lepomis miniatus*. His description makes it sound simple. Next we have an article titled “[The Three Moemas: A Successful Breeding Program](#)” by Jack Heller that describes Jack’s success in spawning these 3 beautiful Peruvian Annual Killifish and some methods that would be helpful for others. Article number 4 is titled “[Breeding the US Native Dwarf Banded Pygmy Sunfish](#)” *Elassoma cf. Zonatum* by Mike Huber. Mike gives us a good, brief account of how he had success with this US Native. The next article is titled “[Snails in the Aquarium](#)” by Rick Renfro and Rick tells us about several types of snails that he finds beneficial and why. A very detailed and informative article titled “[Are We There Yet?](#)” by Chuck Bremer, covers the State of Volume Aquarium Lighting in a way I have rarely seen on this subject before. Thank you Chuck! The final article in this issue is titled “[Dario Dario The Scarlet Badis](#)” by Mike Hellweg. Mike tells us all about his experience with raising and spawning this Indian beauty.

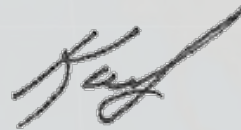
Next we stop in the Great Lakes State for a story in the December 2017 edition of the [Motor City Aquarium Society’s TropiQuarium](#). This story, titled “[The Paradise Fish](#)” by Melissa Bukowski, tells us about the different species of Paradise and what Melissa likes so much about this Anabantoid. And this is just part 1.

Our final stop this month finds us in the Hoosier State for 3 articles in the November 2017 issue of the [Circle City Aquarium Club’s Fancy Fins](#). The first article is titled

“[Apistogramma cacatuoides](#)” by Chris Eichrodt and gives us a good description of the success that Chris had with this popular South American dwarf cichlid. Tarri Bain wrote the next article that tells us about her experience with “[Spawning Neochromis omnicaeruleus](#)” one of the beautiful Lake Victorian cichlids. The final article this month is also by Tarri and gives us the successful methods that she used when “[Spawning Cynotilapia zebroides ‘Nkhata Bay’](#)” a striking mbuna from Lake Malawi.

Thank you for joining us on this month’s journey!

See you on the 20th!



Kurt Johnston – Exchange Editor
exchange@aclcpa.org

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Photos of the Reefs

By Jim Stokes

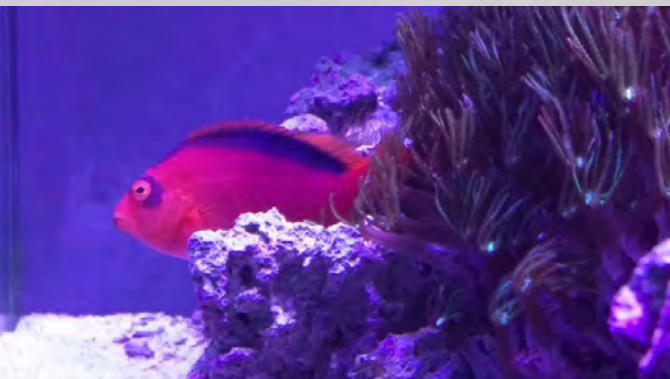
Following are photos from my 45-gallon and 75-gallon reef tanks. In the captions for each picture there is a link to the information page about that fish or coral on [Live Aquaria](#). This website has an overabundance of information and is where I go for all my references.



[Yellow Tang](#) and [2 Ocellaris Clownfish](#) above a [Frogspawn Coral](#)



The same Yellow Tang and a [Blue Damsel fish](#)



A [Flame Hawkfish](#) and [Pipe Organ Coral](#)



There are many different varieties of [Zoanthids](#) of which I have these Purplr and Orange type.



Forgot the specific type but, this is an Acan Coral



Another photo of the Ocellaris Clowns and Frogspawn Coral.



Better photo of the Orange Zoanthids



A Clarkii Clownfish and a Rose Bubble Tip Anemone



The 2 Clarkii Clownfish, Flame Hawkfish and a Flame Angelfish

Editors note: The photo on this month's cover is Jim's photo of his Red and Green War Coral.

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HORTICULTURAL AWARD PROGRAM MONTHLY REPORT-DECEMBER 2017

SPECIES PROPAGATED—DECEMBER 2017

WESLEY BAHRT 40 TOTAL POINTS

| | |
|-----------------------------|-----------|
| Cabomba caroliniana* | 20 points |
| Cryptocoryne retrospiralis* | 20 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

The ACLC has been operating its HAP program for 2-1/2 years now. We have seen 61 different species/cultivars so far from 13 club members. Wow! I encourage everyone to keep on growing and widening their collection of aquatic plants in their aquarium or pond. Keep up the good work everyone.

~Michael Buchma—HAP Chair



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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

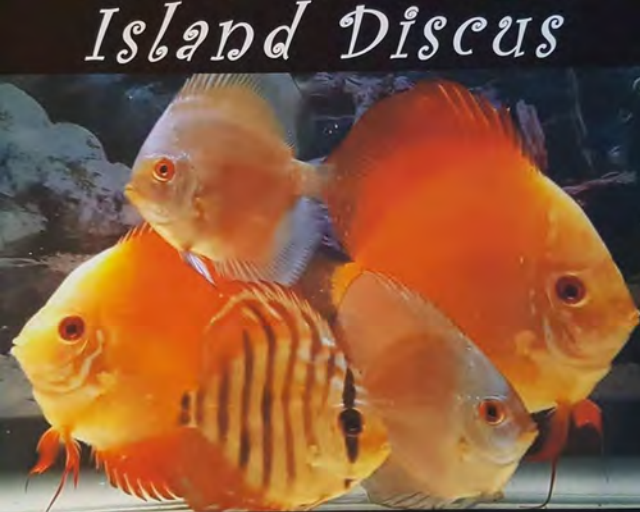
WRITER'S & ARTIST'S AWARD PROGRAM

It was a good year for the WAAP in 2017 and we had a great mixture of articles and photos submitted to Tank Tales and a good amount of reviews and reprints from other clubs' publications. A special thanks to all of this years participants.

Taking over an award program like this in the middle of the year can be quite a challenge and I am still reviewing all the regular awards that members achieved during 2017. The Mighty Fin Award will be presented in January but, there will be some other progress awards that will not be presented until our February meeting

I want to encourage all members to participate and get your submissions to Tank Tales as soon as you can each month. As you can see with the January issue, there are several members who will be pushing hard for the 2018 "Mighty Fin" .

~ Kurt Johnston
WAAP Chair



Island Discus

*Breeder & Importer
Wilkes-Barre Pa, 18702
Chris Gazdick 516-350-2354*

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BREEDER AWARD PROGRAM

MONTHLY REPORT

BAP NEWS AS OF DECEMBER 29TH, 2017

The end of the BAP 2017 Breeder of the Year (BoY) competition was the December meeting, and my editor has asked me to build suspense by not reporting the results from the last month – the stretch of the race. Yet he is expecting a Report, or some content to fill that space. Sigh.

So, what happened during the 2017 BAP year that doesn't require any spoiler alerts? Well, we had a total of 8 participants, down from 11 last year and the year before. A total of 35 species were bred, down from 62 last year and 90 in 2015. The number of species bred by the BoY winner is similar to the number of species bred by last year's winner, though the points total in that contest is somewhat lower. And subjectively, the number of BAP donations that supercharge the auctions have decreased.

So, what happened? The top four breeders from the past couple years, who contributed 2/3 of the total species bred, are still in the club, and still participating in BAP. But they are not breeding as much, or at least as many new species. I know I am not breeding as many new species because I LIKE the fish I keep, and my fish room has stopped expanding. There's little room for new species. So, I breed the same old fish over and over. Other breeders have their own reasons for reduced participation.

BAP needs some new blood! Our only new participant this year is Wes Bahrt. (Welcome Wes!) We need more. Here's why YOU should participate in BAP.

Breeding fish can be easy. Start with livebearers. Heck, start with snails! There are Classes for both. Get some easy points (not to say that livebearers are all easy) while you hone your fish-keeping skills. You can advance to One-Star breeder picking your fish randomly, and to Two-Star Breeder without having to even read the rules. (Imagine: You are sitting in the ACLC audience, daydreaming. Your first Lifetime Achievement Award is announced! Come on down!)

Soon you will want to spawn some more challenging fish – fish that must be coaxed to spawn. But your BAP friends know the tricks, and they will help you figure out how you can do it. You will be rewarded with points, and awards, and best of all, thousands of smiling little fishy babies. (Well, I'm sure if you look through a magnifying glass, they are smiling.) (Baby snails don't smile. If they did, you wouldn't want to see it.) If you need help getting started or registering your spawns, just ask me or one of the other BAP participants.

Let's get some competition going this year. Us old-timers need to rise to the challenge, too. Some of us have never won BoY. And since Rich Bressler has already bred all the easy fish, we might have a fighting chance next year.

~Gary Haas, BAP Chair

BAP LIFETIME ACHIEVEMENT AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

F. WAYNE CALENDER BREEDER

| | |
|-----------------|----------|
| Bressler Family | 1950 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* | 935 pts |
| Gary Boyer | 715 pts |
| Bob Kulesa* | 812 pts |

3 STAR BREEDER

| | |
|---------------|---------|
| Danny Corman* | 518 pts |
|---------------|---------|

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

2 STAR BREEDER

| | |
|-------------------|---------|
| Gary Haas* | 534 pts |
| Clair Klinedinst* | 235 pts |
| J/N Dickel | 178 pts |

1 STAR BREEDER

| | |
|-----------------|---------|
| Gene Regener | 245 pts |
| Glenn Davies* | 140 pts |
| Dave Frehafer | 90 pts |
| David Tangredi | 87 pts |
| Scott Shenk | 70 pts |
| Robin Antkowiak | 57 pts |
| Kurt Johnston | 56 pts |

OTHER PARTICIPANTS

| | |
|------------------|--------|
| Sam Jones | 66 pts |
| Wesley Bahrt | 47 pts |
| Charles Vickery | 39 pts |
| Julie Lovell | 26 pts |
| Ashley Antkowiak | 21 pts |
| Mackenzie Dalton | 14 pts |



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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 |



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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 | |

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

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: | |



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33rd Annual Auction – Winter 2018!

Sunday, January 14, 2018

**FISH (All Species), AQUARIUM EQUIPMENT, AND RELATED DRY
GOODS AUCTION**

**KNIGHTS OF COLUMBUS HALL #6318
10 Fair Street
Carmel, NY 10512**

**No Pre-Registration: 1 red dot, 1 additional dot per 10 bags, 50/50 split, 60/40 for 6 or more* lots, please
label your bags, (see auction rules)**

***Acceptable lots will be determined by the auction committee**

Food & Refreshments Will Be Available

AUCTION HOURS:

**REGISTRATION.....8:30 AM – 11:15 AM
VIEWING OF GOODS.....10:00 AM – 11:15 AM
AUCTION.....11:30 AM – 5:00 PM
RAFFLE.....50/50**

DAAS INVITES YOU TO ATTEND!



Pioneer Valley Aquarium Society

Annual Auction

Tropical Fish Equipment Dry Goods
Raffles Plant Silent Auction Vendors



Sunday February 18, 2018

Knights of Columbus Hall

460 Granby Road, Chicopee, MA 01013

Auction starts at 11:30 AM

Doors open at 9:00 for viewing and registration

Auction open to the public—free of charge

DIRECTIONS TO KNIGHTS OF COLUMBUS HALL

From I-91 north or south: Take Exit 12 to I-391 north, go 1 mile to Exit 3, take a right onto Granby Road, go straight thru lights and up the hill, Knights of Columbus Hall is 1 mile on the left.

From I-90 east or west: Take Exit 5 Chicopee, bear left after toll booth, take a right onto Montgomery Street and stay in left lane, take a left at lights onto Granby Road, Knights of Columbus Hall is 1-1/4 mile on the right.

For more information contact:

Chuck Pixley cpixley16@comcast.net

Jim Cormier jimcormier1@gmail.com





**NEW ENGLAND
CICHLID ASSOCIATION
ANNUAL SPRING AUCTION**

SUNDAY MARCH 4, 2018

POLISH AMERICAN CLUB

9 FIRST STREET, WINDSOR LOCKS, CT

Auction starts at 11:30 AM

Doors open at 9:30 for viewing and registration

**This is a \$3 per bag auction - the club gets the first \$3,
the seller gets the rest!**

Bring all your fish to auction, not just cichlids!

Free Admission Open to the public

Great Quality Fish 50/50 Cash Raffle Refreshments





Tropical Fish Society of Rhode Island

Triple Crown Fish Auction Saturday, March 10, 2018

Free Admission!
All are welcome!

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

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

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

DIRECTIONS TO THE AUCTION:

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

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

BRING YOUR BEST FISH!

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

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

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

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

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

Thank you to our Sponsors:

Aqua-life Central
Ken's Fish
Central Mass Aquatics
RISPCA

The Jersey Shore Aquarium Society presents its SPRING 2018 tropical fish and dry goods auction!

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

Open to public – free admission.

To be held

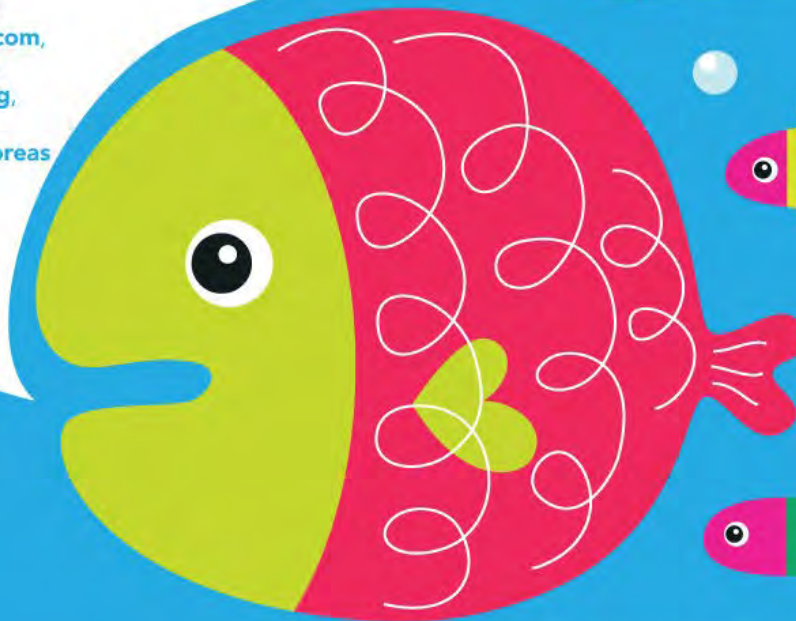
Sunday, March 18th, 2018 at the
South Wall Fire Rescue Company

2605 Atlantic Ave., Manasquan, NJ 08736

NEW DATE : March 11th, 2018

For more info:

e-mail Bill Loesch at
allaboutpetsllc@yahoo.com,
call (732) 223-4530,
visit jerseyshoreas.org,
or LIKE on
[facebook.com/jerseyshoreas](https://www.facebook.com/jerseyshoreas)



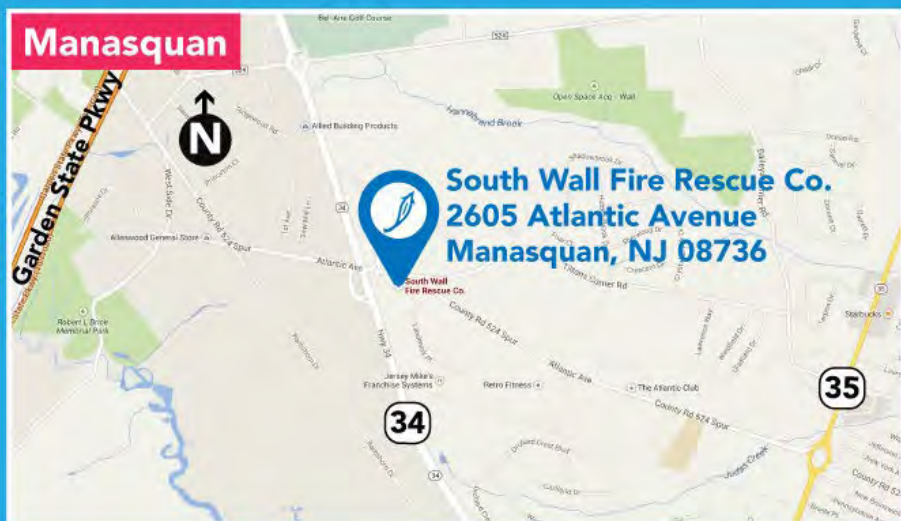
Live goods registration: 9 to 11 a.m.
No guarantee that items registered after 11 a.m.
will be auctioned. No used dry goods.

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

Auction starts at noon sharp!

Any person may bring quality live fish and aquatic plants to enter into auction.

- Pre-registration on our club's website (date TBA—about 1 week prior) (jerseyshoreas.org).
 - Pre-registration will get a 60/40 split.
 - 50/50 split for walk-ins at the auction.
- Auction rules available upon request.



NorthEast Council of Aquarium Societies

43rd Annual Convention

March 16-18, 2018 Rocky Hill, CT

FOR OVER 40 YEARS...
ONE OF THE COUNTRY'S
PREMIER TROPICAL FISH
HOBBY EVENTS!



JIM CUMMING
Canada
*Madagascar Cichlids
S. American Cichlids
Tropical Fish Ponds*



ADAM HARRIS
CT
*Amphibians
for Small
Aquariums*



CHRISTINE KEYS
DC
*Building
Fishrooms
Cichlids*



SHANE LINDER
VA
*Catfish & Plants
Collecting in
South America*

**17
PROGRAMS!**
**10
SPEAKERS!**



RICHARD PIERCE
MA
*Caribbean
Poecillids*



KYLE PILLER
LA
*Fish Taxonomy
Livebearers*



KARL TROCHU
FL
*Fancy Xiphs
Fancy Mollies*



**MIKE
TUCCINARDI**
CO
Biotope Tanks



EMILY VOIGHT
NYC Journalist
*Global Arowana
Trade & Hobby*



KRIS WEINHOLD
MD
*Hardscape
Demo
Photography*



**CICHLID
SHOW**



**GUPPY
SHOW**



**KILLIE
EXHIBIT**



**NANO
CONTEST**



**PHOTO
CONTEST**



VENDOR & MANUFACTURER HALL!
fish, plants, foods, hardscape, & equipment

AUCTIONS ALL WEEKEND LONG!
*Hundreds of fish, inverts, plants, dry goods
buy * sell * donate to a non-profit*

- All-Day Sunday Super Auction
- Silent Auction for Conservation
- Speaker Program Mini Auctions
- Pond Plant Auction
- Killie Auction

RAFFLES! PRIZES! SAMPLES!

CHEF-PREPARED MEALS!

HOSPITALITY SUITE!

AREA ATTRACTIONS!

- Dinosaur Tracks Park
- Mark Twain House
- Wadsworth Museum



SHERATON HARTFORD SOUTH
*exquisite amenities &
accommodations!*



**A FAMILY-FRIENDLY EVENT!
ALL HOBBYISTS WELCOMED!**



Find us on **facebook**

You Tube

www.northeastcouncil.org



A.K.A. Convention 2017

May 26th – 28th

Crowne Plaza - Chicago Northbrook
2875 N. Milwaukee Avenue
Northbrook, IL 60062



Jan Willem Hoetmer
The Netherlands
Collecting and Raising Killifish



Ron Harlan
Collecting Killifish in Bolivia



Dalton Nielsen
Brazil
Collecting and Maintaining
the Killifish of Brazil



Jack Heller
Rainy Season Collecting Trip
to the Peruvian Amazon



Richard Pierce
Killifish of Madagascar

Also:

A Huge Fish Show with killifish from all over the world

Saturday Morning Killifish Sale

Saturday Evening Banquet and Awards Program

Giant Sunday Auction with hundreds of pairs of killifish
available including many rare and seldom seen species



For more information email: convention@aka.org,
watch our web site or follow us on Facebook

www.aka.org