

# TANK

MAY 2018

VOLUME 47, ISSUE 5

# TALES

## May Meeting

Joe Doyle

“Getting Ahead in BAP”

Saturday, May 19th at 1:00

*Hand-in-Hand Fire Co.,*

*Bird-in-Hand, PA*

APISTOGRAMMA  
RUBROLINEATA

DON KINYON

BLAST FROM OUR  
PAST

NANNOCHROMIS NUDICEPS

NAGWG ANNUAL  
MEETING UPDATE

JOHN LYONS

# TANK TALES™



## ON THE COVER:

Stingray at the Aquarium of the Smokies

Photo by Joel Antkowiak

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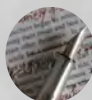
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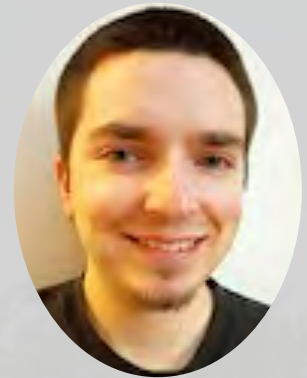
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# PRESIDENT'S MESSAGE



*Michael Buchma*

ACLC members, how are ya?

If you haven't been following the Keystone Clash page on Facebook you are missing all of the updates that will be sure to get you super excited for this great event. Even though it is early, a very robust flow of vendors and sponsors and vendors have already come forth. The ACLC can't wait to see you there!

On May 19th at 1:00, we will meet at Bird-in-Hand Fire Company to welcome our speaker of the month, Joe Doyle.

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CALENDAR

June 21st - 24th, 2018

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Golden State Bettas logo (fish in a circle)  
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The poster features a background image of the RMS Queen Mary cruise ship at night, with city lights visible in the distance. The text is overlaid on this image.

# EDITOR'S NOTES

I guess everybody had a bad case of writers block this month! Only one article was submitted. I keep seeing plants and fish being added to the CARES, HAP and BAP programs but no stories. This means that all of you are missing out on a whole bunch of bonus points! Of course, maybe this means that next month will have a lot of stories for me to publish!

Next month will be my last one as the Associate Editor. I have had a great time reading everybody's stories and looking at your pictures and I thank you all for making Tank Tales the best publication in this hobby.

Make me work hard for the June issue and send in a lot of stories and pictures!

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

Thank you

Kurt

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

***Deadline for June Tank Tales is May 31st!***



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# MAY PROGRAM

## “Getting Ahead in BAP”

*Presented by Joe Doyle*



Joe's interest in keeping & breeding fish began at the age of 12 when his neighbor gave him a slate bottom metal frame and lid, 29 gallon fish tank. Joe put the hobby on hold to attend college, returning 18 years later when given another 29 gallon fish tank.

In 2005, he joined the Greater Pittsburgh Aquarium Society Inc (GPASI) and began participating in the Breeders Award Program (BAP) in 2008. The BAP really sparked his interest, and in 2011, turned in 33 spawns topping his competition having only 12 tanks and setting an all-time high record for the club. Joe has served the Pittsburgh club as president, treasurer, and currently membership secretary and Web Master. Most of the fish in Joe's tanks were brought home from conventions and fish rooms and he is always on the lookout for that next rare fish to spawn.

In "Getting ahead in BAP", Joe will review how to spawn several species of difficult fish, the species he is currently working with, discuss challenges faced, and the return of species to his bucket list of fish to successfully spawn and raise.

Discussion will include:

Pterapogon kauderni (Banggai Cardinalfish) Hippocampus Erectus (Sea Horse) Betta macrostoma (The holy grail of bettas) Loricaria sp "Atabapo, Colombia" Crying Whiptails Nothobranchius palmqvisti "Pangani, TZ 94-7" Notholebias minimus "Campo Grande CGRJ 01-12" Aspidoras cf taurus (2" Aspidoras) Garra rufa (Pedicure fish) Brachygobius doriae (Bumblebee Goby) Hemiloricaria Lanceolata Pterophyllum leopoldi and more..

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### Time & Place

**Saturday, May 19th  
at  
1:00 PM**

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

# ACLC SPEAKER SCHEDULE

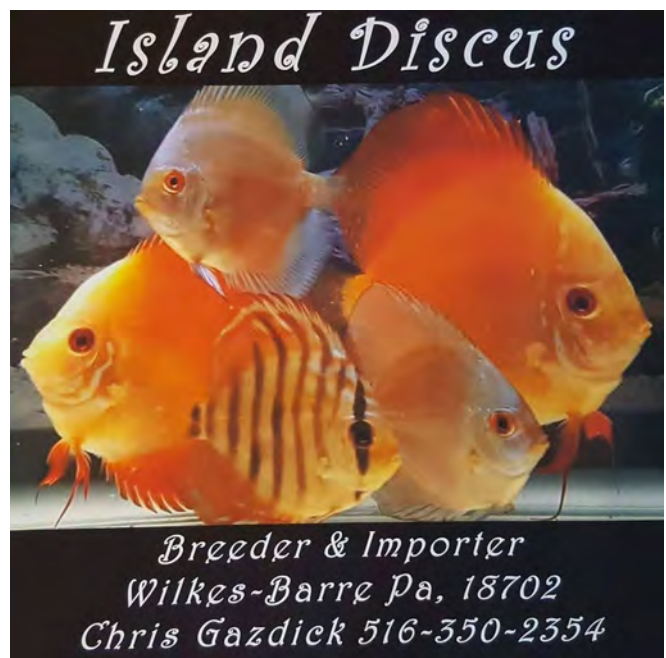
2018
June 16th—Shane Misuro & Dan Krueger (NPHS)
Cheap Low Maintenance Reef Tanks: It's Not A Myth!
August 18th—TBA
September—No meeting
See you at the Keystone Clash
October 13th** - TBA
November 17th—TBA

\* - Board Meeting will be held prior to meeting

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



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# 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

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

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



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

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# AQUATIC LIFE EDUCATION FUND

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

The program works as follows:

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

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

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# AQUATIC LIFE EDUCATION FUND MARCH 2018 REPORT

Thank you folks! We are less than \$200 away from our goal for 2018! Please consider donating at this month's meeting. If every attendee at the next 3 meetings would donate just \$2, we would easily pass our goal! We are going to have the pleasure of hosting the 2 instructors of the North Penn High School program as speakers at our June Meeting and it would be great to have a good portion of the funds raised by then. !

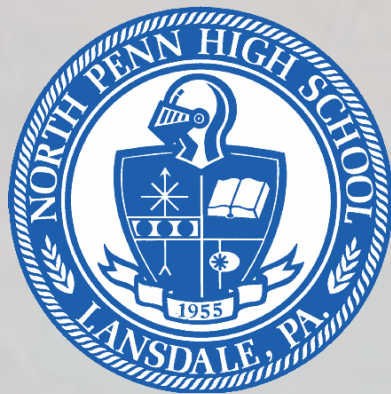
Let's keep up the good work and raise some money for this worthwhile group of young people!

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

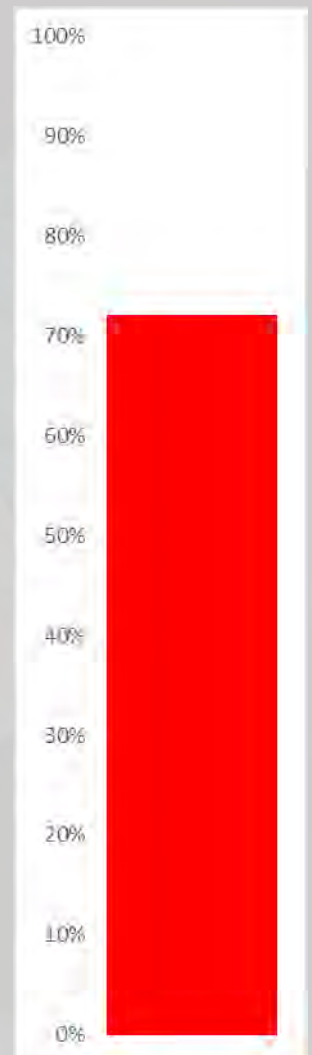
Thank you

Kurt Johnston

ALEF Chair



**2018 Goal = \$650.00**  
**Current = \$468.75**



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**Mike Mull**

# APISTOGRAMMA RUBROLINEATA

Collecting, Keeping and Spawning This Wild  
Apisto from the Madre de Dios

By Don Kinyon

One of the biggest thrills for many aquarists is a chance to head into the field and collect their own aquarium fish. I had the chance in October of 2017 to do just that and one of the fish that made it back home into my fish room was the small cichlid: *Apistogramma rubrolineata*.

*Apistogramma rubrolineata* is relatively new to the hobby, only described in 2002 by Heine, Zarske, and Zapata. There are two known populations of the species: one in Bolivia and this one, from the Madre de Dios area of Peru. A fairly small *Apistogramma*; the males rarely reach three inches long and the females reach around two inches. The male is a light olive color with a dark zig-zag stripe following the lateral line and ending at the caudal peduncle in a dark spot. There are red stripes both above and below the lateral line, following the lines of scales. He has bright green markings on his face, sometimes continuing down his side and fading toward the tail. The rays of the dorsal, ventral and anal fins are also bright green, mixed with yellow on some individuals. Though not as brightly colored as some Apistos, this is an attractive fish. The female is drab unless in spawning or brood-caring mode, at which time she adopts the standard bright yellow body with

(Continued on page 13)



Background photo and collecting photo by David Snell. All other photos by the author

(Continued from page 12)

contrasting black markings, as most of the females of the genus show when in the same situation.

It was only our second day collecting in the Madre de Dios area of Peru when we entered the water of the *Alegria*, or “Happy Creek”. The water was clear and soft: 17 ppm TDS, 6.5 pH, and 75° F. with a mixed mud and gravel bottom. The location we collected was slow flowing and shallow; most spots around two feet deep, a few holes were a foot deeper. There was very little vegetation in the creek but plants from the forest hung into the water from both banks. Here we caught some tetras, two *Corydoras* species, and this *Apistogramma*. We saved about ten of these Apistos, making sure we had a mix of male and female.



For the rest of the week the fish were housed in the aquarium room at **Go Wild Peru**, the service that took us on the collecting trip. With many large tanks to house catches and a supply of soft warm water for changes, the fish were kept very healthy. Water changes were done nearly every day at a 30 to 50 percent rate. We were unable to take the fish with us when the trip was over, so it was a few weeks later that they were shipped. In that time, the crew at GWP took good care of the fish and there were very few losses.

Once the boxes arrived from Peru my fishroom was in chaos, but finally room was found for all the new fish. The new home for these *Apistogramma* was a 30-gallon cube style tank with soft, acidic water: pH of 6, 60ppm TDS, and around 80°F for temperature. One large sponge filter was the only source of filtration and aeration so there was little current in the aquarium. Some bog wood, a few java fern plants and several clay pots broke up the line of sight and the floor of the tank was covered with a thin layer of brown sand. The water change schedule was 30% each week with rain water, keeping the

(Continued on page 14)

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(Continued from page 13)

conditions soft and acidic.

The wild fish seemed at home from the start and accepted most foods without a problem. They were fed twice daily: flake food in the mornings



and either live or frozen food in the evening. The flake food alternated between four or five of the most popular brands and frozen food could be blood worms or chopped earth worms. Live foods were black worms, white worms, daphnia and black mosquito larvae.

These fish aren't nearly as aggressive as some *Apistogramma* and there were very few altercations, and even those were minor, usually consisting of two males sparring and flaring fins. Sometimes the males could be seen chasing the females, but at that time the females were more interested in avoiding the males and finding food.

It was only a few weeks after the fish arrived that I noticed the largest of the females at the opening of a clay pot; showing bright yellow color with jet black markings and acting quite ferocious. For the next few days she'd either be found just outside the pot or inside with her head protruding from the opening, not letting any other fish near the site. One of the males, probably the father of the brood, could sometimes be seen on a short distance away, patrolling the area but he never came close to the nest.

Finally, on the sixth day after I first notice the yellow female, she came out of the pot with a brood of about 40 tiny youngsters all around

her. The young fish were immediately able to take newly-hatched brine shrimp. They would consume them until there were none left and the young fish's bellies were bloated and bright orange. The shrimp were their only food for the first few days and then alternated with decapsulated brine shrimp eggs and *Golden Pearls* powdered food.

This diet, along with weekly water changes, provided the fish with all they needed to grow quickly; by week three they were three-eighths of an inch and by week six the largest of the brood were nearly three-quarters. Around this time the youngsters were already starting to spar and chase, acting much like the adults. The adult fish paid little attention to the juveniles once they stopped following the mother fish. All were kept in the breeding tank with few problems other than squabbles over food.

In conclusion; this *Apistogramma*, though not as flashy as some others, is an attractive addition to a South American community tank or species tank. It's fairly easy to keep and breed, is undemanding of conditions, the young are hardy and grow quickly, and it doesn't present some of the aggression problems that so



many cichlid species do.



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**Tyler Termini**  
Photography

Official Photographer of the 2017 Keystone Clash

# Piscatorial Pearls

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

This month we begin our journey across the border with 3 articles in the February 2018 issue of the [Kitchener Waterloo Aquarium Society's Fins & Tales](#). The first article is titled “[Discover the Dragon Goby](#)” by Karen Murray that describes Karen’s first sighting of this unusual fish in a tank. Next we have another article by Karen Murray titled “[It’s a Hillstream Life](#)”. This article gives us a great description of Karen’s experience with these great Asian loaches. The final article this issue is titled “[KWAS’ers go to the OCA](#)” by Zenin Skomorowski that is another great travelogue by Zenin that will definitely have you wanting to go to the OCA in 2018.

Our next stop is in the Empire State for 6 stories in the March–April edition of the [Brooklyn Aquarium Society's Aquatica](#). The first article is titled “[Sexing Aquarium Fish](#)” by Tony Kroeger that gives us a general guide to what can sometimes be a difficult task. The next story is also written by Tony titled “[Seeing Things Differently: Meet The Striped Anostomus](#)” and gives us a history of his experience with this beautiful fish. “[Spots before your eyes?](#)” is the next story written by Tony Kroeger and gives a good overview of *Trichogaster trichopterus*, the 3 spot gourami. The next story is a detailed description of Joe Graffagnino’s success with “[The Breeding of Tatia intermedia](#)”, a cool South American wood cat. The next

story is another issue of *The Practical Plant* by Izzy Zwerin. This one is all about “[Propagating Anubias coffeefolia](#)”. A good read for you HAP folks! The final story this edition is titled “[Featherdusters](#)” by Tony Kroeger that gives a good idea of how to care for this interesting marine creature.

The Final stop this month is in the Buckeye State for an article in the March/April 2018 Issue of the [Greater Akron Aquarium Society's Tank Topics](#). This article is titled “[A Classroom Tank Made Easy as 1, 2, 3! \(Part 2\)](#)” by Steve Brunn which is a great finish to this 2 part story that can help all of us in getting young people in school interested in our hobby.

## 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. Copies are only available to current ACLC Members. If you have any questions contact the ACLC Exchange Editor at [exchange@aclcpa.org](mailto:exchange@aclcpa.org)

See you on the 19th!



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

**Personal Note:** June’s edition of *Piscatorial Pearls* will be my last as Exchange Editor. I have thoroughly enjoyed reading and writing about all the stories and authors in this hobby. I have not only gained knowledge about livestock but also about other clubs and how they are managed. To the people from all around the world that I feel I have made a connection with through their stories, thank you all for sharing your knowledge



# Keystone Clash



Cichlid Club of York

Aquarium Club of  
Lancaster County

## September 14-16, 2018

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

**All Species Fish Show: 46 Classes including plants, photography, & crafts**

American Cichlid Association sanctioned show classes

American Killifish Association sanctioned show classes

**Speakers: Eric Bodrock, Mike Hellweg, Jonathan Strazinsky,  
Mark Henry Sabaj, Mark DelRaso, Josh Cunningham**

**<https://keystoneclash.com/>**

**<https://www.facebook.com/groups/1388547304496191/>**

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# Blasts from our Past

## Nannochromis Nudiceps

-A BAP report by Jerry & Bertie Duchek

This article was first published in a 1983 Issue of Tank Tales™ and was reprinted from the Youngstown Aquarist, the publication of the Youngstown Area Tropical Fish Society

The *Nannochromis Nudiceps* is a dwarf cichlid that comes from the Congo River in Africa. The males will reach up to a length of 3 ½ inches and the female a bit smaller, about 2 ½ inches.

The male is long and slender, has a bluish-green sheen to the body with the dorsal and top part of the tail edged in black. The female is short and plump, like Krib. She has a bright, beautiful, bluish-green patch on her sides.

The water condition doesn't make too much difference as long as it's around neutral (7.0) condition. The temperature was kept at 78 degrees. They like a semi-dark tank, so a lot of rocks of flower pots are excellent for hiding places. Like other Cichlids, they like to dig in gravel.

I got my pair at an auction from one of the neighboring clubs. To breed these Cichlids, I put them into a 10 gallon tank with flower pots (cut in half) to make caves for them. They were fed frozen brine shrimp and flakes and some live brine shrimp. In about two weeks they laid eggs in one of the flower pots. The eggs are cream to tan in color and are hung on the roof of the pot by a small cord. I left them be and in two or three days they had eaten the eggs, so I started over again with the feedings and water changes. About three weeks later, they spawned again in the same pot. This time they kept the eggs and showed great parental care of the fry.

The parents fan the fry for three to four days then the eggs hatched. When hatched, the female took care of the fry; the male guarding them faithfully. The female would move them to a different spot every evening.

They were fed live brine shrimp as soon as they became free

*(Continued on page 19)*

(Continued from page 18)

swimming, which was about three days after hatching. They grew quite rapidly, and in two weeks were fed flake foods. In thirty days, around forty fry were removed from the care of the parents to a twenty gallon tank of their own. In sixty days they were around 1 to 1 ½ inches in length and growing very nicely.

These cichlids. Like all cichlids, are easy to spawn as long as one ingredient is met; get a pair and from there it's all up hill. I think that Nudiceps are a beautiful pair of fish. Give them a try!

~ *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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# North American Goodeid Working Group (NAGWG) Annual Meeting Update

Copy of an Email from Dr. John Lyons

Hi folks,

We just completed the annual meeting of the North American Goodeid Working Group (NAGWG) at the American Livebearers Association Convention in Grand Rapids, Michigan, on May 4, 2018. Many thanks to the Grand Valley Aquarium Club, hosts of the convention, for doing a great job and for providing a warm and enjoyable atmosphere. We had 50 people in attendance at our meeting, 20 of whom were new to NAGWG. Here's a summary of what happened at the meeting.

We first reviewed accomplishments for 2017-18. NAGWG made three awards to support goodeid conservation and research in Mexico during the past year, \$1,000 to Dr. Martina Medina, Universidad Michoacana de San Nicolás Hidalgo (UMSNH) in Morelia, to support environmental education for the re-introduction of *Zoogoneticus tequila* into the Teuchitlán springs; \$1,000 for Dr. Norman Mercado Silva, Universidad Autónoma del Estado de Morelos (UAEM) in Cuernavaca to help fund a status survey of goodeid populations in the state of Morelos; and \$200 to help pay for a visit by Arely Ramírez Garcia from UMSNH to the ALA Convention to present a poster on her Master's research on the ecology and reproduction of native goodeids and non-native livebearers in the Teuchitlán springs. Dr. Medina has already provided a summary of her work, which I have distributed to the NAGWG membership and which has been published in *Livebearers*. Dr. Mercado has provided a final report on his work, which is attached<sup>1</sup>. I hope that a synopsis of Ms. Ramírez's excellent poster will soon be published soon in *Livebearers*.

We discussed three activities planned for 2018-2019. First, with nearly \$3,000 available in the NAGWG account within the ALA treasury, I hope that we can support one or more new conservation projects in Mexico. I will be soliciting proposals from Mexican colleagues in the coming months. Stay tuned. Second, the second international meeting of the combined Goodeid Working Group (Mexico, North America, Europe, Asia) will take place November 8-11, 2018, in Guadalajara, Mexico. This meeting will include a day of presentations on goodeid conservation from Mexican, U.S., and European scientists and two days of field trips to two important goodeid conservation sites near Guadalajara, Teuchitlán spring and La Luz springs. These two springs are together home to nine different goodeids and several other interesting native species. At both sites you will have the opportunity to swim with the fishes in beautiful clear water. I am organizing this meeting, and if

(Continued on page 21)

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you haven't already contacted me about participating, please get in touch. Third, we will again have our annual NAGWG meeting and goodeid mini-auction at the 2019 ALA Convention. This will take place May 23-26, 2019, in Louisville, Kentucky.

Our 2018 meeting ended with our most successful goodeid mini-auction ever. The mini-auction is the primary way by which NAGWG generates funds for conservation. This year we raised a record amount, \$1,323. We are grateful to those who donated fish and dry goods – Jim Craig, Rit Forcier, Pat Hartman, David Hemmerlein, Jim Herman, Jurgen Kasprik, Jenifer Loftus, John Lyons, Rich Serva, and Ben Slocum – and to the 22 members who bought fish. Many thanks to Angie LaVoy for organizing and tracking the auction and to Rich Serva for handling the money. Extra special kudos to Pat Hartman who acted as auctioneer and who provided free *Xenotoca doadrioi* to six hobbyists just getting started with goodeids. With Angie's help I was able to track who got what species, and I've added this to the database NAGWG maintains of goodeid species and evolutionarily significant units (ESU's) being maintained for conservation by NAGWG members. If you haven't updated me on your holdings, please let me know what you're keeping. All submissions to me will be kept confidential. I've attached the latest draft of the master list of goodeid species and ESU'S<sup>1</sup>, and I will be happy to help you figure out what you've got. I look forward to hearing from you.

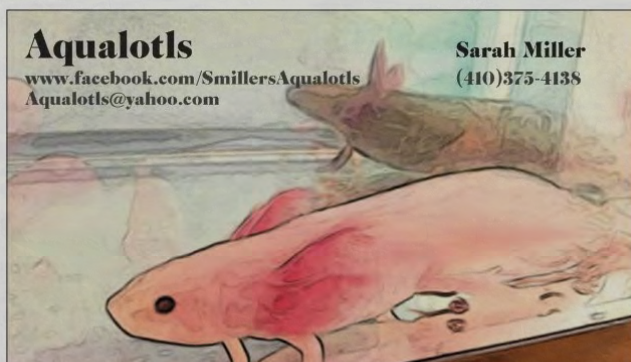
<sup>1</sup>If anyone wants a copy of the 2 attachments that Dr. Lyons mentions in his email, please contact me via email and I will forward a copy to you.

As always, I encourage all of our members to get involved and join both the American Livebearers Association (ALA) and the North American Goodeid Working Group (NAGWG).

If anyone is interested in anything that John has mentioned in this update, you can either contact me or contact John directly at [jdlyons@wisc.edu](mailto:jdlyons@wisc.edu). ***Maybe we can have a Pennsylvania contingent in Guadalajara in November!!!***

~Kurt Johnston  
[kaj41354@comcast.net](mailto:kaj41354@comcast.net)

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# HORTICULTURAL AWARD PROGRAM

## MONTHLY REPORT- APRIL 2018

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### SPECIES PROPAGATED—APRIL 2018

#### BRESSLER FAMILY—60 POINTS

Nymphaea 'Firecrest' *	30 points
Cryptocoryne wendtii*	20 points
Hygrophila polysperma	10 points

#### CHRIS EDWARDS—10 POINTS

Ceratopteris thalictroides *	10 points
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#### WES BAHRT—10 POINTS

Ceratopteris thalictroides*	10 points
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\* indicates that plant was donated to club auction (2x points)  
 + indicates plant was donated & article submitted to Tank Tales  
 # donation points only—plant was registered earlier

### PROPAGATOR OF THE YEAR

Wes Bahrt	4 species
Bressler Family	4 species
Joe Yanik	2 species
Chris Edwards	1 species

### GARDENER OF THE YEAR

Bressler Family	70 points
Wes Bahrt	60 points
Joe Yanik	15 points
Chris Edwards	10 points



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### LIFETIME ACHIEVEMENT AWARDS

#### **2 Star Gardener**

Gary Haas  
 Bressler Family  
 Wesley Bahrt

#### **Novice Gardener**

Clair Klinedinst  
 Karen Haas  
 Joel Antkowiak

#### **1 Star Gardener**

Gary Boyer  
 Alan Rollings  
 Scott Sommer  
 Charles Vickery

# WRITER'S & ARTIST'S AWARD PROGRAM

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Congratulations to Don Kinyon and Michael Buchma for their NEC awards in the 2017 Articles Competition. Don took 2nd Place in the "Breeder Article" category for his article on "Corydoras sp CW016" and Michael took 3rd Place in the Open Class for his article "Moss in Aquaria".

Congratulations also go out to Joel Antkowiak. His articles on Jack Dempsey and Firemouths that were published in our March and April issues were reprinted in the May 2018 edition of the Sacramento Aquarium Society's Tropical News.

Unfortunately, I need to step down as WAAP Chair and we need someone to take charge of this very important program. Please consider spending a few moments of your time and help your club with this worthwhile program.

~ Kurt Johnston  
WAAP Chair

## 2018 MIGHTY FIN STANDINGS

*THROUGH MAY 1, 2018*

Joel Antkowiak	285 points
Don Kinyon*	205 points
Kurt Johnston	80 points
Rich Bressler	40 points
Jim Stokes	30 points
Dan Taylor	20 points
Karen Haas	85 points
Alan Rollings	10 points
Michael Buchma*	5 points

\*includes points for 2017 NEC  
Awards



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

## ACLC CARES May Monthly Report

Updated on April 30, 2018

Congratulations to Karen Haas and Alan Rollings for being selected ACLC's, "CARES Members of the Year 2017".

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

Clair Klinedinst—ACLC CARES Coordinator

[CARES@ACLC.org](mailto:CARES@ACLC.org)



### JOEL ANTKOWIAK

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

### JOEL ANTKOWIAK (CONT'D)

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

### STEVE ARNOTT

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

## GARY BOYER

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

## RICH BRESSLER

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

## PAUL BRICKNELL

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

## JOHN & NATALIE DICKEL

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

## CLAIR KLINEDINST

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

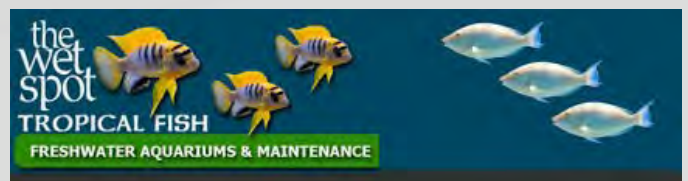
## KAREN HAAS & ALAN ROLLINGS

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

## GARY HAAS

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

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# AKA Convention 2018

May 25-27

Sheraton Detroit Metro Airport  
8000 Merriman Rd  
Romulus Mi 48174

[www.aka.org](http://www.aka.org)

Leendert van den Berg



Collecting Killifish in Africa

Glen Collier



DNA and Killifish

Frans Vermeulen



Collecting and Raising South American Killies

Andrew Thompson



Delayed Hatching in Killifish

**Also:**

Roundtable: Aphyosemions

Roundtable: Annual Killifish

Saturday Fish Sale Room

Killifish Show

Saturday Evening Awards Banquet

Sunday Auction: Show and New & Rare Fish

**The hotel is \$99 per night. Special Convention Reservation at:**

**12 th Annual**

# *Otter Valley Aquarium Society*

*Tropical Fish Auction & Bowl Show*

**Sunday May 20, 2018**

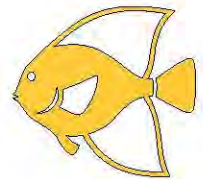
**Noon - 5:00 PM**



**The Godnick Center**

**1 Deer Street**

**Rutland, VT 05701**



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

***Raffle at Auction***

**50/50**

***Silent Auction Plant Tables***

**Peoples Choice Bowl Show**

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

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

**PLEASE VISIT OUR WEBSITE FOR AUCTION RULES**

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

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



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

## Featuring

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

## Location

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

## Dates

July 4th - July 8th, 2018

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