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Tales from the President

By: Scott Schmidt, Jr.



The Keystone Clash.....I did not think we were going to do as well as last year as it was a record breaking year. Well, boy, was I wrong! We again broke numerous records for the event. In fact, we broke EVERY record except for the number of lots entered into the auction which we actually exactly tied. Huge shout out to the senior admin committee of the 2024 Keystone Clash and all of the volunteers who helped make the event a HUGE success! CONGRATS to the members of ACLC who entered into the fish show! Thanks to your hard work, WE BROUGHT HOME the Keystone Challenge Club Award! GREAT JOB! For those who attended, please keep your eye out for the feedback forms. Now it is time for me to start planning 2025! HELP IS NEEDED - please keep an eye out for a form to participate on the senior admin committee or ops committee in 2025! THANK YOU!

Our October meeting will be a demo/workshop. We will have a group of members demonstrate how to reseal tanks and then assist other members with doing the same. We are looking for a few members to bring leaky tanks. If you would like to bring a small tank to the meeting to reseal, please email me at president@aclcpa.org.

Our swap will be November 16th at That Fish Place / That Pet Place. The cost for a table is \$30. Vendors may purchase up to two tables. As of right now we only have three spots left. **PLEASE NOTE: Vendors may only sell live goods (requirement of TFP/TPP).** Tables are available to purchase on the website.

In June, we approved a by-law change. With that by-law change, please note that nominations will be at the October meeting, and voting will be at the December meeting this year. ***If you are unable to attend the October meeting, you may nominate someone PRIOR to the October 19th meeting by emailing me at president@aclcpa.org - PLEASE***

NOTE: the nominee must also email acceptance of the nomination PRIOR to December 1st (Board of Directors zoom meeting). Elections will be held at the December holiday meeting on the 21st.

The club continues to be successful, and we want to give back to our members! If you have ideas for group-buys or other possible perks, please email me at president@aclcpa.org. We have a members-only Facebook group - please feel free to join by going to <https://www.facebook.com/groups/aclcmembers>.

Auction Note: Please review the Auction Rules document. It is pinned on our Facebook page, and we are working on getting it on the website as well. PLEASE NOTE: Sellers are limited to no more than 5 lots of a single species/color morph/fin type. Also, if you are turning in fish for BAP in the auction, please make sure to click the donate button in mygroupauctions.com.

Thank you, and please STAY SAFE!

- Scottie

Welcome New Members!

Marissa Bennethum
Lanie & Monica Brunk
Bryan Busza
Kimberly Callahan & Family
Whitney Cook
Daniel Forat
Emilio Juliano
Scott Kunmel
Dorel Lacatus
Robert Reed
Mary Szyszko & Family
Geoffrey Way
Erik Weyhrauch



Schedule of Events

Regular Meetings include Program, Raffle, Auction and Refreshments

OCTOBER MEETING

Saturday, October 19 @ 1:00 PM
Workshop/Demo - Tank Sealing

November Meeting

Saturday November 16, 2024

Club Our at That Fish Place / That Pet Place.

December Meeting

Holiday Get-Together

Open Forum

Saturday, December 21 @ 1:00 PM

2025 Year Events Listing Coming Soon!

ACLC CARES Report

Updated Sept 30, 2024

Seven new species were added in September. Scottie and Joe each added three and Kerry registered one. There were 30 points added for maintaining species. Joel increased his total with 20, and Karen and Rich added 5 points each to their totals. Joe also distributed Cherry Barb fry to CCY for 10 more points.

<u>Joel Antkowiak Aug Total</u>	260 pts
Maintained <i>Aphyosemion poliaki</i> - 2 yrs	10 pts
Maintained <i>Ataeniobius toweri</i> - 2 yrs	10 pts
Total Points	280 pts

<u>Joe Rosenblad Aug Total</u>	100 pts
Registered <i>Xenotoca doadrioi</i> SM	10 pts
Registered <i>Coptodon kottae</i>	10 pts
Registered <i>Ameca Splendens</i>	10 pts
Distributed to CCY - <i>Rohanella titteya</i>	10 pts
Total Points	140 pts

<u>Rich Bressler Aug Total</u>	115 pts
Maintained <i>Xenotoca doadrioi</i> SM- 1yr	5 pts
Total Points	120 pts

<u>Kerry Tolva Aug Total</u>	70 pts
Registered <i>Melanotaenia parva</i>	10 pts
Total Points	80 pts

<u>Scott Johnson</u>	
Total Points	65 pts

<u>Karen Haas Aug Total</u>	60 pts
Maintained <i>Xenotoca doadrioi</i> - 1 yr	5 pts
Total Points	65 pts

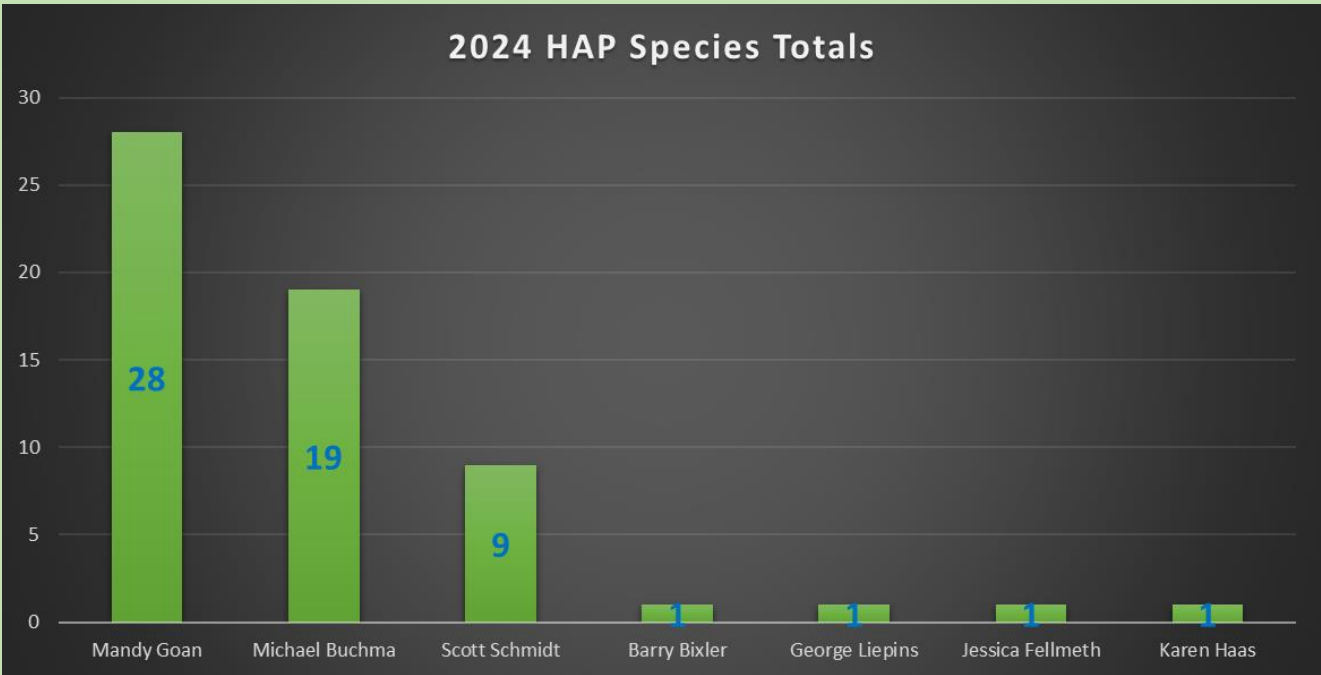
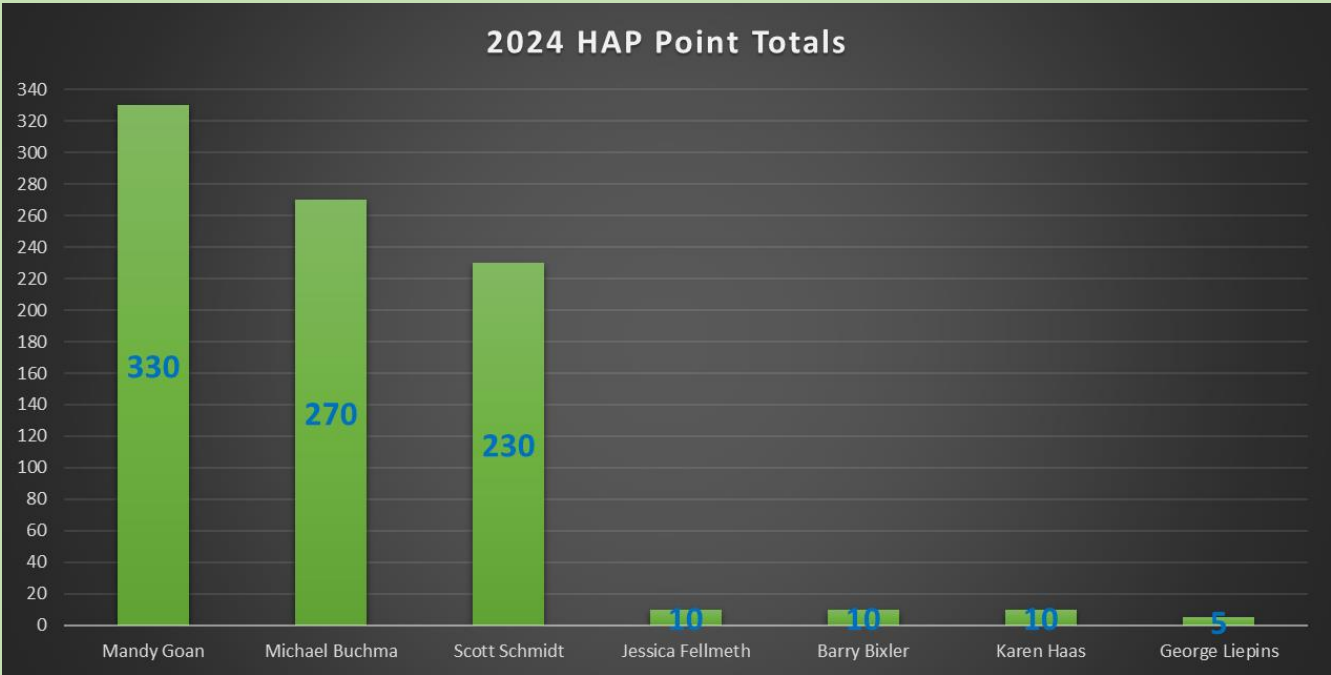
<u>Peter Bruce</u>	
Total Points	50 pts

<u>Steve Brosey</u>	
Total Points	50 pts

<u>Scottie Schmidt Aug Total</u>	10 pts
Registered <i>Fundulopanchax sjoestedti</i>	10 pts
Registered <i>Tanichthys albonubes</i>	10 pts
Registered <i>Pachypanchax sparksorum</i>	10 pts
Total Points	40 pts
 <u>Jennifer Silverman</u>	
Total points	30 pts
 <u>Tim Brady</u>	
Total points	10 pts
 <u>Annetta Ravegum</u>	
Total Points	10 pt

Anyone wishing to view the complete CARES species list can go to:
CARESforfish.org. Click on the priority list by family.

Horticultural Awards Program Report – Summer 2024



Limia Islai aka Tiger Limia

By Larry Thompson

First some facts: Limia Islai are named after the Latin word Limus which means mud and Dominic Isla who is the credited founder/ introducer to the hobby. Limia Islai belongs to the Limia genus Poeciliidae family. Limia are distantly related to the ever-popular live bearing aquarium fish Guppy, Mollies, and Swordtails. While the Limia genus has spread across the Caribbean and northern South America, 17 are endemic to the Hispaniola Island. Limia Islai habitat is Lake Miragoâne in Haiti, a freshwater lake. While once believed to be the same species as (Humpbacked) Limia Nigrofasciata, Tiger Limia is officially a separate species via genetic markers (see below reference if you want more details).

Next, Limia Islai verbal description. They are described as 1 to 2 cm in length. After 6 months, the babies have yet to reach .75 cm. Shape is slender tube with protruded bellies and 5 fins. Fin color seems inconsistent. Fins are mostly clear. Sometimes tail and belly fin turn yellow while dorsal fin appear speckled black. Unsure if this is related to breeding state/time of day/ environment/ etc. has colors have not



been consistent. Body color is mostly yellow with some hints of olive green and lite orange. 4 to 12 black vertical bands form behind the gills to the tail.

Observation wise: they started very shy. The adults bred within 3 months of getting them. The babies never seemed to have hesitation swimming up top or along the glass front. 9 months later and the adult still tend to hide but less so than in the beginning. I thought at one point that I had lost all the adults from not seeing them. Until, recently shifting the plants around to create an open feeding area, the adults have come out more for food. Noise and sight tend to create darting behavior in adults.

Here is the current tank setup. They have a rocky bottom. Tank is heavily planted. Val grass has spread from one corner. Hornwort and Guppy grass has spread through 2/3 of the top tank. I have them in a 40 gallon breeder with red shrimp. Tank temperature stays around 76 degrees. Water is slightly acidic water (PH 6.8) at testing.

I think there main food group is algae/bottom feeding behavior. Red shrimp are breeding in the tank with them so don't seem intentional predation. They have taken all food types but really like the hard bottom feeding algae tabs which they pile on too. There is a piece of drift wood with algae but is not overly growing. Hair algae sneaks into the floating plants but they don't seem to mess with it. There is also no glass algae despite a high plant light on the tank.

Limia Islai aka Tiger Limia

By Larry Thompson



Finally, they exist in a weird state with CARES program. They are listed as critically endangered (<https://www.iucnredlist.org/species/177038422/177038441>). In the wild, they exist in one body of water and in a country which (we will say polity) is and has historically going through some troubles. Yet, neither the Limia Islai not a single Limia from the lake is listed on the cares list. Overall, I like the little tigers. They tend to hang out without cannonballing into anything else. They are really easy fish requiring little fuss or extra work. Once, everything settles in my fish room, I'm probably going to dedicate a backup tank or split the colony into two 20 L just to be safe.

Reference

"A new livebearing fish of the genus Limia (Cyprinodontiformes: Poeciliidae) from Lake Miragoane, Haiti"
Rodet Rodriguez-Silva , Pablo F Weaver
<https://pubmed.ncbi.nlm.nih.gov/32112652/>



Breeding *Apistogramma caucatoides*

“Super Reds”

By Jen Silverman

I began my fishkeeping journey with small, friendly aquatic creatures. Guppies, tetras, snails and shrimp. To be perfectly frank, cichlids kind of scared me. They were big, mean, and needed big tanks. Or so I thought! I noticed many folks selling *Apistogramma caucatoides* at swaps. They were quick sellers, and they were so pretty! I took to the internet to do some research and found their breeding process so interesting, and realized hey I could do that! I obtained my first breeders from a local guy who had been breeding them for years. I chose “Super Reds” over “Triple Reds” for the extra coloration in the pelvic fins. SO pretty.



I brought home my new beauties and set them up in their new home. Tank setup was a 20 gallon high with sand substrate, a sponge filter, various cave options some driftwood and a big clump of java fern. The caves are for spawning, the java fern for hiding. Temperatures in the 78-80 degree range encourage breeding,

but I have also been successful with spawning them in lower temps around 72 degrees. Feeding them consisted of high quality flakes, frozen mysis shrimp, frozen brine shrimp, live white worms, and a sprinkling of baby brine shrimp. Word on the street is that sprinkling the tank with live baby brine shrimp encourages breeding because the adults will recognize and appreciate that there is enough food for them as well as babies.

The trick to breeding *caucatoides* is to keep a trio, not a pair. Two females and a male. The male will choose his preferred female to spawn with, and then they will have fun protecting their eggs and fry from the 3rd wheel female.

During the breeding process, the female will flip upside down and lay her eggs on the insides roof of a cave. In my case, it was half of a coconut shell. After she lays the eggs, the male will flip upside down to fertilize them. It's quite a site to see a fish swimming bottoms up. A few days later, the eggs hatch and several days after that, mama fish will allow her brood to leave the cave, but they stay together and very close to her for protection. Some folks can be lucky enough to have a male *Apistogramma* who helps raise the fry. Others like me, are not so fortunate. I found this out the hard way with the first batch of fry.

Round one, the day after mom brought them out of the cave, he ate them up. Mom and I were both pissed.

Breeding *Apistogramma caucatoides*

“Super Reds”

By Jen Silverman



Round two, I decided to pull the eggs before they hatched. I noticed mom hanging out in the cave, which meant spawning had probably occurred and she was guarding her eggs. I took the cave out and sure enough, eggs! I placed the cave in a container with tank water a drop of methylene blue and an air stone. I don't know what magic happens inside of those caves with the momma, but I couldn't seem to replicate it to get the eggs to hatch for me. Fungus.

Round three, I let momma hatch her babies and bring them outside of the cave. Before dad could eat them, I siphoned the fry out with a turkey baster and moved them to a fry tray to grow out. Mom was NOT happy with me.

Round four, I let momma hatch her babies again, but instead of bringing them right outside of the cave to begin their free-swimming journey, she hid them under a piece of driftwood that she moved to the front corner of the tank. Smart momma! Feeling slightly guilty, I siphoned those babies out as well and put them in a fry tray.



Once the fry were out of the caves and in my fry tray, they were already big enough to eat baby brine shrimp. I alternated between microworms, BBS and finely crushed flake food until they were big enough for a grow out tank.

Neolamprologus Multifasciatus AKA Multis Shell Dwellers

By Larry Thompson

A peaceful community fish originating from Lake Tanganyika. Multis are one of the smallest Cichlid in the world. Males are about a 2 in while females around an inch. They have been in the trade for a long time and George Albert Boulenger first described them in 1906. Bodies are ashy grey with reddish brown strips. Eyes have a hint of blue shine in the right light.

Tank setup imitates Lake Tanganyika shores: Temperature 75-80 °F, PH 7.5-9.0,



and Hard water 140 ppm GH. Because they are so tiny, recommend a sponge filter or prefilter for hang on back. They prefer sand bottoms and will rearrange everything to their liking. While not having seen any aggression, they have spread their shells through the tank and enjoy their space. They'll eat flake, pellet, and algae tabs. I have a mix of food and aquarium safe shells purchased for them (and note some come cracked and less solid than other shells.)

Multis are a lively fish. High energy with their hovering/darting and rearranging of the tank. As they get more comfortable, babies pop out of shells and you may be shocked at how many were hiding. Nothing special required to breed them. They're ease of breeding almost feels like Guppy level

with the fresh fish less than a week old when babies started appearing. Despite living in shells, multis won't actually eat any of the snails in the tank.

So far, I'm happy with them and will probably keep a tank for them.



2024 ACLC Committee Chairs

<u>Committee</u>	<u>Chair</u>
<i>Editor (including Exchange & WAAP)</i>	Timothy J Brady
<i>Bylaw Chair</i>	George Liepins
<i>Social Chair (food & drinks)</i>	Nada Liepins
<i>HAP Chair</i>	Mike Buchma
<i>BAP Chair</i>	Joel Antkowiak
<i>CARES Chair</i>	Rich Bressler
<i>Raffle Chair</i>	Mike Mull
<i>Audit Chair</i>	Danny Corman
<i>Membership Chair</i>	George Liepins
<i>Sponsor Chair</i>	Pete Bruce
<i>Speaker Chair</i>	Open
<i>ALEF Chair</i>	Joel Antkowiak
<i>Audio/Video Chair</i>	Mike Buchma
<i>NEC Representative</i>	Rich Bressler

2024 ACLC Executive Board

President	Scott Schmidt Jr.
Vice President	Michael Buchma
Treasurer	Michael Mull
Secretary	Richard Bressler

2024 ACLC Board of Directors

Member at Large - Past President	Joel Antkowiak
Member at Large	Danny Corman
Member at Large	Jessica Fellmeth
Member at Large	Bruce Larison
Member at Large	George Liepins

(Updated: 10 March 2024)

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AMAZONAS



Northeast Council of Aquarium Societies, Inc

Breeder Participation Credit Form

Breeder: _____ Phone: (____) _____

Street: _____ Parent Society: _____

Town, State, Zip: _____

Email Address: _____

FISH SUBMITTED:

1. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

2. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

3. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

4. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

5. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

6. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

7. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

8. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

9. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

10. Genus: _____ Species: _____

Common Name: _____ Date of Spawn: _____

VERIFICATION:

NEC Member Society Awarding Credit: _____

Signature, Title: _____ Date: _____

BREEDER AWARD PROGRAM

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

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:	

AQUARIUM CLUB OF LANCASTER COUNTY

HORTICULTURAL AWARD PROGRAM REPORT FORM

PARTICIPANT'S NAME: _____

PLANT NAME (Scientific): _____

Desired Points Type: Propagation Flower Seed

FILTRATION: _____

FERTILIZATION: _____

SUBSTRATE: _____

LIGHT SOURCE:

BULB TYPE: _____ Duration: _____ Wattage: _____ # of bulbs: _____

TANK VOLUME: _____

WATER: pH _____ DH: _____ Nitrates: _____ Phosphate: _____ Temperature: _____

COMMENTS: _____

****This section to be filled out at monthly meeting

POINTS AWARDED:

Horticulturists signature: _____ Date: _____

HAP Chair signature: _____ Date: _____



The ACLC C.A.R.E.S. Preservation Program Species Registration Sheet

Enter all species on this **ACLC C.A.R.E.S. Preservation Program Registration Sheet** that you are currently maintaining and which are listed on the **C.A.R.E.S. Preservation Program Conservation Priority List**.

Your Name	Your E-mail Address and Other Contact Information	Name of Species-at-Risk	Where or from Whom Species-at-Risk was Obtained	Date Species- at-Risk was Obtained	Today's Date	For Office Use: Initialed by Date Species Journal		

Good luck and thank you for your invaluable contribution towards preserving our fishes for generations to come!!!

The **C.A.R.E.S. Preservation Program** is about our fishes, and it is about people.
Please, clear a tank ~ save a fish!
Because of you, we are making a difference!

AQUARIUM CLUB OF LANCASTER COUNTY MEMBERSHIP APPLICATION

ONE YEAR RATE: Individual: \$ 20 – Secondary: \$15 – Family: \$38 – Junior: \$8 (under 18)
TWO YEAR RATE: Individual: \$ 35 – Secondary: \$25 – Family: \$65 – Junior: \$12 (under 18)

Effective January 1, 2023

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

DATE: _____

NAME(S): _____

ADDRESS: _____

City: _____

STATE _____ ZIP _____ PHONE: _____

EMAIL: _____

Signature of Parent or Guardian if under 18 years:

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

Tank Tales 2024 Publishing Schedule

Month	Submission Deadline	Tank Tales Mailing
January 2024	January 8, 2024	January 15, 2024
February 2024	February 5, 2024	February 12, 2024
March 2024	March 4, 2024	March 11, 2024
April 2024	April 8, 2024	April 15, 2024
May 2024	May 6, 2024	May 13, 2023
June 2024	June 3, 2024	June 10, 2024
July 2024	July 8, 2024	July 15, 2024
August 2024	August 5, 2024	August 12, 2024
September 2024	September 9, 2024	September 16, 2024
October 2024	October 7, 2024	October 14, 2024
November 2024	November 4 2024	November 11, 2024
December 2024	December 9, 2024	December 16, 2024