



The Greater Akron Aquarium Society

Tank Topics

March/April 2020

Inside this issue:

President's Message Bud White	3
Editor's Message Dave Williamson	3
BAP/HAP Report Wayne Toven	4
Bowl Show Report Ken McGill	5
<i>Oryzias latipes</i> Elsie Swanson	6
Exchange Report Wayne Toven	8
Membership Report Mike Swanson	8
Spring Auction Ad	9
Meeting Notice	10
Coming Events	10



Spring Auction Time!

2020 GAAS Board of Directors

President.....	Bud White	(330) 571-0394/president@akronfishclub.com
Vice President.....	Jeff Plazak	(330) 854-5257/jvicepresident@akronfishclub.com
Treasurer	Rich Serva	(330) 650-4613/treasurer@akronfishclub.com
Secretary.....	Dave Girard	secretary@akronfishclub.com
Editor.....	Dave Williamson	editor@akronfishclub.com
Special Activities	Ken McGill ..	(419) 677-3405/specialactivities@akronfishclub.com
BAP/HAP	Wayne Toven.....	(330) 256-7836/baphap@akronfishclub.com
Membership	Mike Swanson	membership@akronfishclub.com
Raffle.....	Justin Bahil & Kristeen Codish	raffle@akronfishclub.com
Program/Historian	Steve Brunn	(330) 524-3096/program@akronfishclub.com
FAAS Rep	Jeff Wamsley	faas@akronfishclub.com
Refreshments	Elsie Swanson ..	(440) 466-1799/refreshments@akronfishclub.com

Important Dates for 2020

March 1
Spring auction

June 13 & 14
Ultra Aqua 2020

November 1
Fall auction

Check out our website: www.akronfishclub.com

THE GREATER AKRON AQUARIUM SOCIETY

WHO ARE WE? We are a local group of aquatic enthusiasts. Formed in 1952, the Greater Akron Aquarium Society is a non-profit, non-commercial organization. Our membership ranges from the beginning hobbyist to the advanced aquarist with many years of experience. The goals of our club are to promote the care, study, breeding and exhibition of aquarium related aquatic life and to promote interest in the aquarium hobby.

MEETINGS: Our meetings are held on the second Friday of each month at 8:00 p.m. at the Ritchie Memorial Shelter House, 109 West Avenue, Tallmadge, OH 44278. It is located West of Tallmadge Circle with access from Sperry Ave., behind Vet Clinic and across from the Chevrolet dealer. Visitors are always welcome, it costs absolutely nothing to attend a meeting and look us over.

MEMBERSHIP: The cost is only \$10 for adults, a couple or a family (includes children under 10 years of age) and \$5.00 for a junior membership (10 to 17 years) Membership provides an opportunity to socialize with others that share your interests, a subscription to our bi-monthly magazine and more.

AGENDA: Our meeting agenda is simple and informal. The meeting will begin at 8:00 p.m. with a short business meeting. Immediately following is the program for the evening which usually lasts about 45 minutes. Our programs consist of a speaker, slide program, movie or perhaps a panel discussion always on a particular subject related to the hobby or various species of fish. Following the program is a short refreshment break. After which the winners of the Bowl Show are announced, the Breeder's Award Program fish are auctioned and tickets are drawn for the raffle.

THE BOWL SHOW: Each month members can bring in fish for specific classes to compete for first, second and third place awards. The charge for each entry is only \$.25. Members also compete for annual awards by accumulating wins throughout the year.

BREEDER'S AWARD and HORTICULTURE AWARD PROGRAMS: members can receive recognition for spawning species of fish or propagating aquatic plants. All that is required is to turn in a minimum of six fry from the spawn that are between 30 and 90 days old. Members earn certificates for each species and can work towards plaques in different categories.

EQUIPMENT RAFFLE: The raffle table has such items as tanks, fish food and aquarium accessories that are donated by national manufacturers, area dealers or purchased by the Society. Tickets may be purchased by anyone attending the meeting.

ANNUAL SHOW: The Ultra-Aqua show is held during the summer at the Tallmadge community Center. This has become one of the largest all-species tropical fish shows in North America. It is an international gathering of hobbyists to display their fish in class competition, talk fish and to learn about the hobby from each other.

TANK TOPICS: is published on a bi-monthly basis for the members of the Greater Akron Aquarium Society. Articles and comments for this publication are welcome and encouraged. Such articles are to be submitted no later than the board meeting prior to publication. All articles may be reprinted as long as the author(s) and GAAS are given proper credit. Please send any correspondence regarding this publication to:

Editor/Tank Topics, P.O. Box 494, Akron, OH 44309-0494 or email to dwilliamson223@hotmail.com

The Greater Akron Aquarium Society Membership Form

Name _____ Age _____

Address _____

City _____ State _____ Zip _____

Phone _____ email _____

How did you find out about GAAS? _____

Memberships are due one year from the date of joining. Completed membership forms can be turned in at a meeting or mailed to the membership chairman at this address:

GAAS Membership Chairman, P.O. Box 494, Akron, OH 44309-0494

Dues are for 1 year or 2 years if
email publications are chosen

☐ New ☐ Renewal

☐ Electronic ☐ Mail

Adult (18 years and older) & Family
(includes children under 10) \$10.00

Junior (10-17 years) \$5.00

Dues Collected _____ Date Received _____



President's Message

Bud White

Page 3

Hello everyone,

This is a short message to remind everyone that the Spring auction is coming up quickly, (like this Sunday March 1). Normally we get to go in on Saturday, the night before and setup, but this time the hall is booked for wedding on Saturday, so we will need to setup the auction Sunday morning. Since the auction registration starts at

10 and the auction starts at 11, we will need to get there by 8 am Sunday to get things setup. With enough help this will not take long, so please plan to be there to help.

Also thanks to Brian Shrimpton for speaking and bringing donations at the February meeting!

See you at the auction, Bud.



Editor's Message

Dave Williamson

Here we go again, it's the start of a new Spring Auction season. You'll find on the back page of this issue quite a large list of events within driving distance. I usually try to put all of the events whose dates fall into the magazine's dates but even shrinking them down to 7 point type I couldn't fit them all. There's no excuse to not find something "fishy" to do over the next couple of months! The main reason to talk about all these auctions is that ours is coming up real soon on March 1st. That's the reason you're getting this issue delivered to you so early, a last minute plug for attending our biggest money-maker of the year. You see, the money that we raise at the auction is what funds the rent for the meeting hall throughout the year and allows us to put on our show. For many years the show at best broke even and some years we had to subsidize to keep being able to have it. You'll notice how many other clubs weren't able to do that and over the years had to stop having a show that they just couldn't afford to support. That's where all you fine folks come into the equation. . . By attending and helping run our auctions you're helping to keep our club afloat (couldn't help the pun there!) This one is a little different in one respect, we weren't able to reserve the hall for the night before

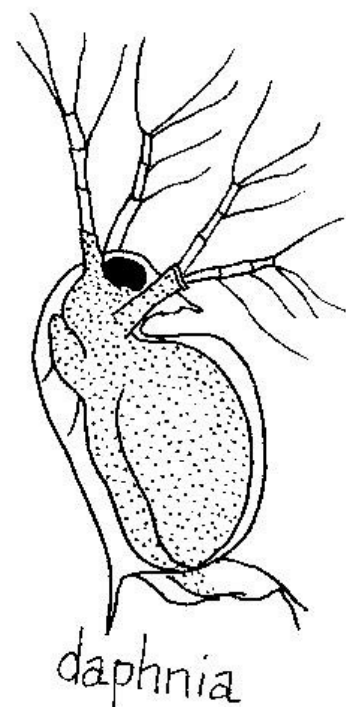
to set up so unfortunately have to get there extra early to do it on the morning of the auction. We could really use some help getting things ready to go so if you're able please try to get there about 8am.

Since I was talking about the show, which is coming up just around the corner in June, there's no time like the present to start planning for it. A lot of things will need done between now and then to make it happen so if you'd like to help, let one of the board members know and I'm sure we can find something for you to do!

One other important thing coming up also involves an issue with a rental hall. The date of our April meeting is the same as a little league tournament at the fields behind our regular meeting location. Tallmadge has offered us the facility that we use for the auctions and show for our meeting that month. Don't worry, we'll remind you next month in the meeting notice too!

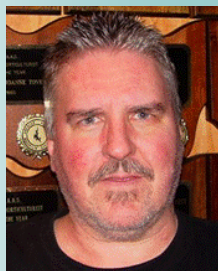
Last but not least, I need to thank Elsie Swanson for stepping up and helping me get this issue done with an article submission in rapid fashion!

I'll see you at the meeting and the Spring Auction!



BAP/HAP Report

**Wayne
Toven**



Here we are, it's still sort of winter, and I guess Phil said we will have 6 more weeks, but that was 2 weeks ago so only a few more weeks. But before that, we will be having our spring auction on Sunday March 1st, so no turning the clocks ahead for this one, like we usually have to do. Also setup will be Sunday morning at 8 am NOT Saturday evening! So get you fish ready, equipment cleaned up and working, aquariums cleaned, (they will get much better price when they are not all crusty and needing cleaned), plants, fish food, decorations, books, and any other hobby related items. So clean up your fish rooms get rid of stuff you don't use anymore and make room for new fish!

Next item is the growth contest, at the Feb. 14th meeting we handed out *Oscara heterospila* fry to several members, they will have until our show Ultra – Aqua 2020. So grow them up as big as possible, and then enter the best one into the show to be judged against all of the other entries, there will be no entry fee for this, and there will be a cash prize. They will also be going against members of YATFS who are participating. The fish were generously donated by Brian Strickland a YATFS member, so a big thank you to him. Since I mentioned the show, if anyone is interested in sponsoring a class in the largest all species show in North America let me know, regular classes are \$20 and Best of Divisions are \$35.

Now onto business, we are off to a slow start this year in both award programs, but that is not unusual. Remember you can turn in submissions to both programs at monthly meetings or any one of our three

auctions during the year. The latest you can turn in submissions to be in the running for Breeder of the Year and Horticulturist of the Year is the November meeting, the awards will be presented at the December meeting / Christmas party.

January 2020

BAP

Species	Common name	Class	Points
Mike & Elsie Swanson <i>Oryzias latipes</i>	Japanese rice fish	A.O. Species	5
Bud White <i>Poecilia salvatoris</i>	Liberty molly	Livebearer	5

February 2020

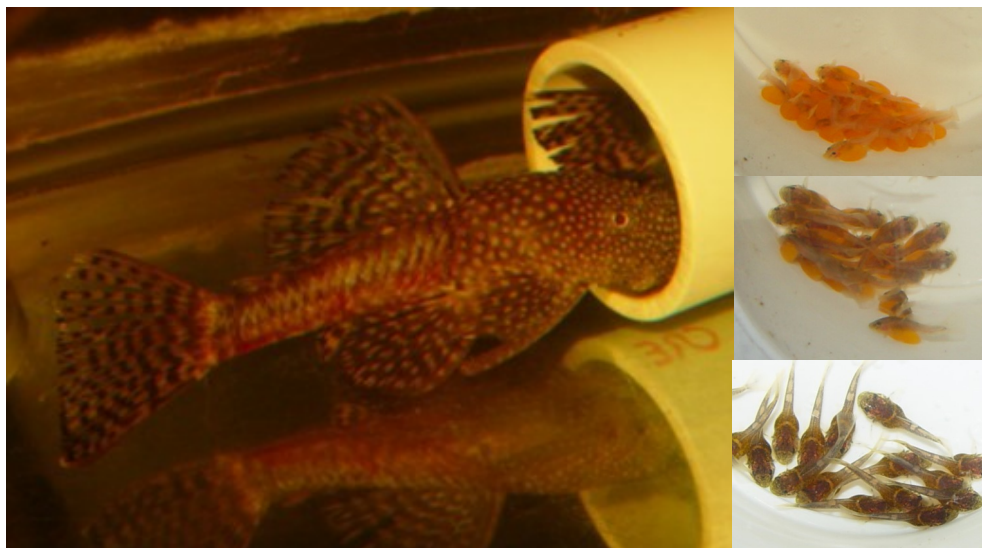
BAP

David Girard <i>Astatotilapia latifasciata</i>	Zebra obliquidens	Cichlid m.b.	10
Bob Williams <i>Poecilia salvatoris</i>	Liberty molly	Livebearer	5

HAP

Bob Williams <i>Taxiphyllum barbieri</i> <i>Anubias barteri</i>	Java moss	B – vegetative C – vegetative	10 15
---	-----------	----------------------------------	----------

2020 Totals	BAP	Points	HAP	Points	Lifetime
Wayne Toven	5	55	-	-	198
David Girard	1	10	-	-	31
Mike & Elsie Swanson	1	5	-	-	38
Bud White	1	5	-	-	230
Bob Williams	1	5	2	25	5



Bowl Show Report

Ken McGill



January Bowl Show Results

Goldfish

1st	Dave Williamson	Red & White Ryukin
2nd	Dave Williamson	Panda Oranda
3rd	Daniel Jebaraj	Ryukin

Male Guppies

1st	Dave Williamson	Red Snakeskin
2nd	Dave Williamson	Brazilian Green
3rd	Ken McGill	Black Moscow

Minnows, Danios, & Rasboras

1st	Mike Swanson	Pearl Danio
2nd	Dave Williamson	Hikari Danio
3rd	Dave Williamson	Spotted Danio

Feb Bowl Show Results

Suckermouth Catfish

1st	Ken McGill	Un-Id'd male bristlenose
2nd	Wayne Toven	Loricaria hasemani
3rd	Wayne Toven	L-10A Red Lizard

Swordtails

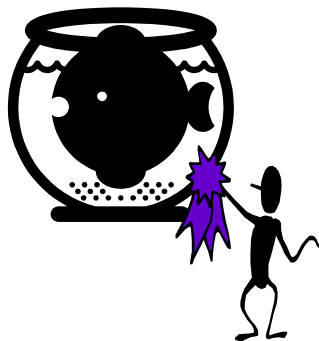
1st	Dave Williamson	Red Brick Wag Lyretail female
2nd	Bob Williams	Marigold Sword
3rd	Bob Williams	Marigold Sword

Characins

1st	Dave Williamson	Diamond Tetra
2nd	Wayne Toven	Phenocogrammus interruptus
3rd	Mike Swanson	Blackskirt Tetra

Points Totals

Dave Williamson	22
Mike Swanson	7
Ken McGill	5
Daniel Jebaraj	3
Wayne Toven	2
Travis Miller	1



2020 Bowl Show Schedule

January:

Male Guppies
Goldfish
Minnows, Danios & Rasboras

February:

Suckermouth Catfish
Swordtails
Characins

March:

Barbs
Mollies
Corydoras, Brochis & Aspidoras

April:

Female Guppies
Platies
Aquatic Invertebrates

May:

Goodeids
Rift Lake Cichlids
Male Bettas

June: No Bowl Show
Ultra-Aqua Show set-up

July

Synodontis Catfish
Angelfish & Discus
Killifish

August:

Native Fish
Amphibians
Aquatic and Bog Plants

September:

Photography
Gouramis & other Anabantoids
Sharks & Loaches

October:

Rainbowfish
All Other New World Cichlids
All Other Old World Cichlids

November:

All Other Livebearers
All Other Egglayers
All Other Catfish

December: No Bowl Show
Christmas Party

Youkihi Medaka

Oryzias latipes, var. *Youkihi*

by Elsie Swanson

Background

The genus *Oryzias* contains just under three dozen species (Hellweg, 2013). As a group, ricefish got their name because

Medaka are native to Japan, and they have been recorded in human history as far back as the 17th century, the "species" *Oryzias latipes* are also found

ature range. They prefer a temperature range between 64 to 75 °F, but they can briefly tolerate a range of 44 to 104 °F (Aquaticarts, 2020). Because of their hardiness and unique means of reproduction, Medaka was the first vertebrate to mate and produce young in space. A group resides in an aquarium on the International Space Station (Hellweg, 2013).



The Youkihi Medaka are not shy, they like to hang out in the top one-third of the tank. They are small, at about 1.5 inches, and they can be kept with other small peaceful fish. The ricefish are schooling fish, thus they are best kept in a group of 6 more, which will allow them to be comfortable and display their best color (Aquaticarts, 2020). If kept in large groups, they ignore the other fish in the tank. Although this species is very hardy, it does require a clean tank (Aquaticarts 2020). It does best in a well-maintained tank with clean water, so frequent small water changes are perfect. Their average life span in the aquarium is 3 to 5 years.

they are found in flooded rice paddies where the aquatic habitat is warm, safe (relatively free from large fish predators), with plenty of food including insects and insect larvae, and lots of places to breed (Hellweg, 2013). Medaka, the Japanese ricefish, *Oryzias latipes*, is off-white in the wild, and color morphs are derived from selective aquarium breeding. The Youkihi Medaka is a rare orange color morph of the Japanese ricefish. Because of its beautiful hue of orange resulting from selective breeding, it will stand out either in a tank of peaceful community fish or in a tank full of plants. Ricefish are often used in outdoor ponds, and several color morphs, such as the Youkihi Medaka, are bred to be viewed from above (Schafer, 2018). Although

in China and Korea (Hellweg, 2013) in what is possibly a species complex (Hellweg, 2013).

Care

Ricefish are one of the hardest and most adaptable fish in the world. It can thrive in water ranging from full marine to fresh water and a wide temper-

Conditioning





When it comes to food, these omnivorous fish are not picky. They accept flake, small pellets, fresh hatched baby brine shrimp, frozen brine shrimp, and spirulina to name a few. It will not eat plants that you have in the tank, but articles say that they need to be fed some vegetation.

Spawning

Adults are easy to sex; females are larger than males and have a fuller/rounder body. The males are more orange and have a slender body. Easily bred in an aquarium, the Youkihi Medaka does all the work, and will spawn as early as 3 months old. Mating occurs every day, with the males fertilizing the eggs internally. The females retain the eggs for a few days before expelling them. You can see the female carrying the egg cluster around near her anal fin/vent in the mornings (looks like a cluster of grapes). She deposits them on plants as she swims through the plant, and then provides no other parental care. A female can lay up to about 20 eggs a day. This breeding takes place daily for several months and then they will take a break for a while. The eggs hatch at

around 10 days, and they may hatch sooner in warmer water.

My Experience With the Fish

We acquired a young group of 8 of these at one of Greater Akron Aquarium Society's fish auctions. We put them in a 10-gallon tank, while acclimating them, one jumped out and then there were 7. Well I didn't mess with them for the next couple weeks, but I just fed them regularly. After a couple weeks, I included them in my weekly water changes..., then left the lid open to adjust water temp, and then there were 6. So, yes, they are jumpers, keep the lid on! I then decided to read a little about them, and one of the first things I read is that they are jumpers! (Guess I should have read that earlier).

I kept them at room temperature, so the temperature fluctuated for a couple months, but then when I saw the clutch of eggs on one of the females, I knew they were old enough to spawn. I used a small sponge filter because I read that they do not like fast moving water, and I added a heater and kept the tank at a constant 70 °F. The tank had a pH of 7.0 and a GH of 6.

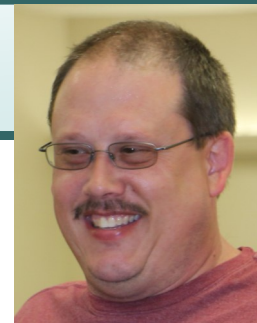
I never saw fry; I knew there had to be some because I saw the females with eggs daily, so I assumed they were eaten. Under close observation, I noticed that they were depositing eggs on the sponge filter. I removed the sponge filter and added mops. I placed the sponge filter in a small tank, and after 10 days I had fry. In addition to that, I picked the eggs off of the mops every day, and placed them in cups with a couple drops of methylene blue. It was a success! Fry are very small. I fed them green water, powdered fry food, including some powdered Spirulina, and then after about 10 days some freshly hatched baby brine shrimp, followed by regular flake as they continued to grow. The fry are now 3 months old and have begun to mate. I have started to collect eggs again.

References

- Aquaticarts. (2020). Youkihi Medaka Ricefish. Retrieved from <https://aquaticarts.com/products/youkihi-medaka-orange-rice-fish>
- Hellweg, M. (2013). The Ricefish: An Odd and Interesting Group. Tropical Fish Hobbyist. Retrieved from <http://www.tfhmagazine.com/details/articles/the-ricefish-an-odd-and-interesting-group-full-article.htm>
- Schafer, F. (2018). *Oryzias latipes* – Medaka breeding forms. Retrieved from <https://www.aquariumglaser.de/en/tag/ricefish/>

Membership Report

Mike Swanson



Hello Everyone. Spring is right around the corner meaning the spring auctions are beginning. I hope to run into a few of you and to find some interesting fish.

I would like to Welcome Cara Mostoller and Tami Panhuis to the club; thank you for joining.

I would also like to thank the following members for renewing:

Bill Bilski

Ed Bush

John & Diane Tesar

Here is a list of the memberships expiring soon, you can renew at our auction March 1st, at any of our meetings or online at akronfishclub.com

Dan & Vi McMonigle
Bill Lipscomb

Dee Bacisin
Travis Miller

Russell Bolender
Dennis Moffitt

Jeremiah Harsh
Madison Shaw

William & Linda Koleszar
Randy Foxx

Hope that you all can make the auction and remember if you are able to help out a little, we all really appreciate it! Mike.

Exchange Report

Wayne Toven



First of all if anyone ever wants to read one of these articles below that I review let me know and I will email it to you of get you a hard copy at a meeting. I only review original articles by members of the clubs that I get exchanges from.

Second we had two members' articles reprinted in other club's publications, see other people do read them and see fit to reprint so others can read them. So help our editor out, anyone can write an article about fish you keep and spawn, successful or failure, so others can learn from you, how you set up your fish room, if you have outdoor ponds or tubs, and what you grow in them - plants and fish. There are lots of things you can write about.

In the **Buck's County Aquarium Society**, The Bucket: Feb. 2020 issue was the reprint of Carolyn Hanlon's Bristol Shubunkins article. The next was in the **Erie Aquarium Society's** Aqua News: Jan. 2020

issue Wayne Toven's article Those Leupy Leleupi.

Youngstown Area Tropical Fish Society, The Youngstown Aquarist: Dec. 2019

Trachelyopterus fisheri (Fisher's woodcat), by Karen Guman

Missouri Aquarium Society Inc. The Darter: Jan/Feb 2020

Spawning the Hillstream Loach – "Sewellia" sp. by Charles Harrison

The Congo Tetra – *Phenacogrammus interruptus*, by Chase Klines-terker

Pallid Shiner – *Hybopsis amnis*, by Robet Hrabik

The Buffalo Head Cichlid – *Steatocranus casuaris*, by Mike Hellweg

The Walstad Method for Planted Aquariums – My Personal Experience, by Steve Coxon

Kitchener – Waterloo Aquarium Society, Fins & Tales: Feb. 2020

My Axolotl, by Kathleen Breau

Under Promised – Over Delivered, Red-eyed Tetra, by Jamie Reichle

How Much Do I Hate Planaria, by Karen Murray

The Mystery Snail, by Glenn Roberts

Ohio Fish Rescue, by Zenin Skomorowski

Erie Aquarium Society, Aqua News: Feb. 2020

Better Betta Keeping, by Philip A. Purser

Support those
who help to
support us,
our hobby and
the local
economy. . .
shop local!



Mon-Sat 11-8
Sunday 11-6

6629 Engle Rd.
Unit 108
Middleburg Hts., OH
(216) 433-1340



ALL ODDBALL AQUATICS

SALES@ALLODDBALLAQUATICS.COM
www.alloddballaquatics.com



AQUARIUM GALLERY
aquaticssuperstore.com
330.866.0559
6653 GRAFTON ROAD,
VALLEY CITY, OHIO 44280

**AGNOQUATICS
TROPICAL FISH
AND MORE. . .**

Mon-Sat 11-8
Sunday 11-6

7916 Broadview Rd.
Broadview Hts., OH
(440) 736-7442



Mon, Tues, Thur- 11-7
Wed. Closed Friday 10-8
Saturday 10-6 Sunday 10-2

2427 State Rd.
Cuyahoga Falls, OH
(330) 858-5814

Since 1981



745-3059
Large Selection of:
TROPICAL FISH
SMALL ANIMALS
REPTILES AMPHIBIANS
DOG & PET SUPPLIES
Wed-Thur-Fri 12-7 Sat: 10-3
196 2nd St., NW
(Downtown Barberton)

RIFT LAKE AQUATICS

TROPICAL FISH, FRESHWATER & MARINE
SUPPLIES and PREMIUM FISH FOODS



Jim Laco

6777 Engle Rd. Suite J
Cleveland OH 44130
(216) 215-1639
email: jim@riftlakeaquatics.net
www.shop.riftlakeaquatics.net

GAAS Spring Auction March 1, 2020

**Tallmadge Community Center
80 Community Rd.
Tallmadge, Ohio 44278**

Registration 10 am - 12 pm
Auction begins at 11 am

For more information:

Bud White (330) 848-3856 (president@akronfishclub.com)
Wayne Toven (330) 256-7836 (baphap@akronfishclub.com)
Rich Serva (330) 650-4613 (treasurer@akronfishclub.com)

www.akronfishclub.com or

<https://www.facebook.com/Greater-Akron-Aquarium-Society>

**Be here or
you'll
never know
what you
missed!**



The Greater Akron Aquarium Society

P.O. Box 494
Akron, OH 44309-0494

«firstname» «lastname»

«address»

«city», «state» «zip»

Meeting Notice - Do Not Delay

Meeting Notice

Friday, March 13

Program: TBA, Please check website for updates.

Bowl show: Barbs; Mollies;
Corydoras, Brochis & Aspidoras

Friday, April 10

Program: TBA, Please check website for updates. Special location for this meeting only. . . Tallmadge Community Center (same place we have the auctions)

Bowl show: Female Guppies, Platies,
Aquatic Invertebrates

General meetings begin at 8:00 p.m. at the Ritchie Memorial Shelter House

Coming Events

Sunday, March 8, 2020
Auction starts: 11:00 am
Registration: 10:00 to 12:00 pm
Youngstown Area Tropical Fish Society—Spring Auction
JV. Johnson Community Center
800 Gillmer Road, Leavittsburg Ohio 44430
<https://yatfs.com/>

Sunday, March 15, 2020
Auction begins at 11:00 am
Northeast Ohio Fish Club – NEOfish Spring Auction
Pipefitters Union Hall Local 120 – 6305 Halle Dr. Valley View, OH 44125
www.neo-fish.org

Saturday, March 21, 2020
Auction begins at 11:00 am
Grand Valley Aquarium Club (GVAC)
Grand Rapids, MI – Spring Auction
HSB, Inc., 5625 Burlingame Ave SW, Wyoming, MI 49509
<http://gvaquariumclub.org/>

Sunday, March 22, 2020
Auction Starts at 11:00 am
Registration starts 10:00 am
Columbus Area Fish Enthusiasts – Spring Auction
[Court yard Columbus West](http://www.columbusfishclub.org/cafe-springfall-auctions/)
2350 Westbelt Drive
Columbus, Ohio 43228
<http://www.columbusfishclub.org/cafe-springfall-auctions/>

Saturday, March 28, 2020
Auction begins at 11:00 am
Greater Cincinnati Aquarium Society – GCAS Spring Auction
Harry T. Wilks Conference Center
Miami University – Hamilton
1601 University Blvd. Hamilton, OH 45011
www.gcas.org

Sunday, March 29, 2020
Auction begins at 10:30 am
Circle City Aquarium Club – Spring Auction
La Quita Inn, 5120 Victory Dr., Indianapolis, IN 46203
<http://ccacaqclub.org/>

Saturday, April 18, 2020
Auction begins at 11:00 am
Registration: 10 am to Noon
The Medina County Aquarium Society – MCAS Spring Auction
Prince of Peace Church – 3355 Medina Rd. (Rt. 18) Medina, Ohio
www.mcas-fish.net

Sunday, April 19, 2020
Registration Starts at 11 am. Auction Starts at Noon.
The Lorain County Aquarium Society—Spring Auction
Avon Senior Center, 36784 Detroit Road, Avon, Ohio 44011
<http://www.lcas-fish.net/>