



# Tank Topics

The Official Publication of  
The Greater Akron Aquarium Society



**Oct./Nov. 2009**

**In this issue:**

- *Phallichthys amates amates*
- *Xiphophorus alvarezii*
- *Board Member Job Descriptions*



# 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 first Thursday of each month at 8:00 p.m. at the Mogadore Community/Senior Center, 3857 Mogadore Road, Mogadore, Ohio. It is located East of Route 532 across from McDonald's in the former post office building (see map on inside back cover) Visitors are always welcome, it costs absolutely nothing to attend a meeting and look us over.

**MEMBERSHIP:** The cost is only \$750 for adults, \$10 for 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 other that share your interests, a subscription to our bi-monthly magazine, library usage 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 equipment and book raffles.

**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.

**LIBRARY:** At the library table are a number of books and other publications covering all areas of the aquarium hobby. Members may borrow the books for a month at a time. Also each month several books are raffled off.

**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. Save your losing tickets for the Christmas Party raffle.

**ANNUAL SHOW:** The Ultra-Aqua show is held the first weekend of August 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 and two copies of the publication containing the reprint are sent to GAAS. Please send any correspondence regarding this publication to:

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### Tank Topics Production Staff:

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Exchange Editor	Wayne Toven
Artists	Pat Maloney, Becky Sosenko, Steve Tyleshevski, Dan Frase

**This issue's cover:** A final farewell to Summer pond season! From earlier this year, a Louisiana Iris bloom photo by Dave Williamson.

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Check out our web site at: [www.gaas-fish.net](http://www.gaas-fish.net)

# *President's Message*



Bud White

Hello folks, hope you are enjoying this very fine weather we are having, it has really been comfortable around here, sunny and dry.

We are having elections coming up in November and are looking for new board members. Soooooo, if you are interested please let Jeff, me or someone on the board know, we always need new ideas.

Also the fall auction will be November 1st, we will be setting up Oct 31 at 7PM. We can always use help with the setup, the more we have, the quicker we get done and out of there. Just tables and chairs need to be put up, something just about anyone can help with. Please try to be there.

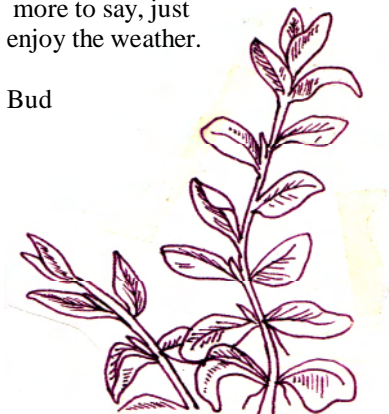
We have set the dates for our auctions and show for 2010:

**March 7**  
**July 10 & 11**  
**November 7**

**Spring auction**  
**Ultra Aqua 2010**  
**Fall auction**

This is the slow time of the year, so I don't really have much more to say, just enjoy the weather.

Bud



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# *Editor's Message*

Dave Williamson

A few important things to bring up this time around so we'll get started right away:

First up, our Fall Auction is coming up on November 1st. We need as many of us there as possible to help make this yet another successful and enjoyable time for everyone. Our auctions over the last few years have been well attended, so let's keep up the good work!

Next, we have our annual elections coming up at the November meeting. You'll find a brief description of all the board positions in this issue. Vice President Jeff will be coming around at the October meeting and the Auction "twisting arms" or I mean asking for nominees. Please consider it, our club is only as strong as those of us who choose to work at making it that way. Most of the positions don't really require all that much time or effort, it's just making sure that things get done in a timely fashion and getting everyone's efforts on the same page.

Now the big one, and it's one you've heard from me before. I am officially out of things to put into the magazine. That's right, I've used every article from the "vault". So if you'd like to see Tank Topics continue as a locally produced publication and not fall into the trap that so many other clubs have fallen into of using mainly reprinted articles or shrinking in size due to lack of content, I need your help. **WRITE SOMETHING! ANYTHING!** It's easy to come up with ideas. Did your fish spawn? Did your plants bloom? How about just extolling the virtues of your favorite species or family of fish? Heck, you can even write about something that didn't work out, it may help someone else from making the same mistake! The opportunities are endless. With the change in format I mentioned last issue (which will actually take place with the next issue) I'd like to be able to keep the type of quality publication we've been producing over the last few years with the improvements in overall appearance that the change in design will allow such as more and larger photos, larger print (I know, we're getting older and it's getting hard to read little type!) So if you have any questions, don't hesitate to ask me. Please!

Thanks for listening and I'll see you at the meeting and the Fall Auction!

# ***Bowl Show & Special Activities***

Ken McGill



## **2009 Bowl Show Schedule**

### **January:**

Goldfish, Male Guppies,  
Minnnows Danios & Rasboras

### **February:**

Suckermouth Catfish,  
Swordtails, Characins

### **March:**

Barbs, Mollies,  
Corydoras Aspidoras & Brochis

### **April:**

Female Guppies, Platies, Aquatic Invertebrates

### **May:**

Goodeids, Rift Lake Cichlids,  
Aquatic Plants

### **June:**

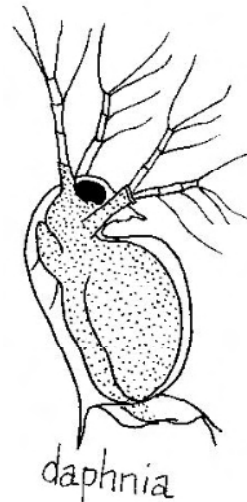
Native Fish, Rainbowfish,  
Male Bettas

### **July:**

Synodontis Catfish, Killifish,  
Angelfish & Discus

### **August:**

AO New World Cichlids, Amphibians,  
Bog Plants



### September:

Gouramis & Anabantoids,  
Sharks & Loaches,  
Photography

### October:

Arts & Crafts,  
Marine Fish,  
All Other Old World  
Cichlids

### November:

All Other Livebearers,  
All Other Egglayers,  
All Other Catfish

### How the Point System works:

1st - 4 points  
2nd - 2 points  
3rd - 1 point  
1 point per entry,  
maximum 12 points per class



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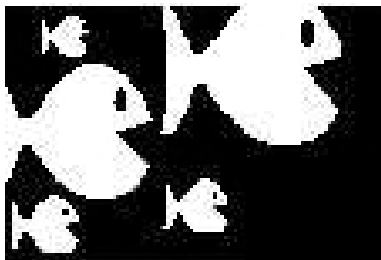


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# BAP/HAP

## Report

Wayne Toven



Wow!! What happened? Where did summer go, did I miss it? Schools back in, vacation is over. Time is just flying by; before you know it the outdoor pond and tub fish will have to come in for the winter. If you're anything like me it's time to figure out where all the fish are going to live. Some can go to the upcoming fall auctions, so others can have the opportunity of helping keep an endangered species going, I keep a lot of goodeid livebearers, which are endangered, threatened, or extinct in the wild. Apparently a lot of fish were on vacation for the past couple of months, as we only had four spawns turned in at the September meeting, that's a far cry from thirteen spawns the month before. With that thirteen spawn month, we have passed the totals for all of last year in both the Breeder's and Horticultural Awards Programs, nice going everyone! Also we awarded our third can of brine shrimp eggs last month for a member turning in 10 spawns during the BAP/HAP calendar year. The latest goes to Dave Williamson, congratulations Dave!! There are only a couple of months left in this year to turn in spawns at the monthly meetings or auction, so keep working with those fish.

Species	Common name	Class	Points
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### August 2009 BAP

#### **Phil & Tiffany Hypes**

<i>Aulonocara jacobfreibergi</i>	Eureka red peacock	Cichlid m.b.	15
<i>Aulonocara mamelela</i>	Lemon jakes	Cichlid m.b.	15
<i>Aulonocara jacobfreibergi</i>	Swallowtail peacock	Cichlid m.b.	15
<i>Aplocheilichthys normani</i>	Lampeye killie	Killifish	10

#### **Bob Miller**

<i>Poecilia wingei</i>	Endler's livebearer	Livebearer	5
<i>Aequidens pulcher</i>	Blue acara	Cichlid s.s.	5

#### **Joe Reich**

<i>Poecilia wingei</i>	Endler's livebearer	Livebearer	5
<i>Julidochromis transcriptus</i>	Zambian transcriptus	Cichlid s.s.	15
<i>Tramitichromis intermedius</i>		Cichlid m.b.	10

#### **Bud & Cathy White**

<i>Allotoca dugesi</i>		Livebearer	10
<i>Pseudotropheus zebra</i>	Nkata bay	Cichlid m.b.	15

**Dave Williamson**

<i>Protomelas taeniolatus</i>	Red empress	Cichlid m.b.	5
<i>Aulonocara stuartgranti</i>	Red Ngara peacock	Cichlid m.b.	15

**HAP****Phil & Tiffany Hypes**

<i>Microsorium pteropus</i>	Java fern	D - vegetative	20
<i>Nymphaea sp. Colorado</i>		E – flowering	10
<i>Alisma plantago aquatica</i>	Water plantain	E – Flowering	20

**Jeff Plazak**

<i>Echinodorus sp. rubin</i>	Red rubin sword	C – vegetative	15
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**Nick Rezac**

<i>Echinodorus amazonicus</i>	Amazon sword	C – vegetative	15
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**September 2009 BAP****Bob Miller**

<i>Amea splendens</i>	Butterfly goodeid	Livebearer	10
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**Ron & Amy Mullens**

<i>Neocardina denticulate</i>	Cherry shrimp	Aquatic animal	10
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**Dave Williamson**

<i>Brachyrhaphis rosewithae</i>		livebearer	5
<i>Skiffia lermiae</i>		Livebearer	10

<b>2009 Spawn &amp; Points Totals</b>	<b>BAP</b>	<b>Points</b>	<b>HAP</b>	<b>Points</b>
Phil & Tiffany Hypes	18	230	17	185
Bob Miller	14	80		
Dave Williamson	12	110	3	35
Bruce Fraley	4	20		
Bud & Cathy White	4	45		
David Girard	3	30		
Todd Mayo	3	40		
Joe Reich	3	30		
Wayne Toven	3	30		
Denny Bechter	2	10		
Ken McGill	2	20	3	50
Rich Serva	2	10		
Russ Kirkendall	1	5		
Dan mcMonigle	1	20	2	20
Ron & Amy Mullens	1	10		
Jeff Plazak	1	15		
Nick Rezac	3	35		

# Meeting Notice

**Thursday, October 1, 2009**

**Program:** Repairing/rebuilding  
glass aquariums with  
Dan McMonigle.

**Bowl Show:** Arts & Crafts,  
Marine Fish,  
All Other Old World Cichlids



**Thursday, November 5, 2009**

**Program:** Elections and a short program.

**Bowl Show:** All Other Livebearers,  
All Other Egglayers,  
All Other Catfish



All general meetings begin at 8:00 p.m. at  
the Mogadore Community/Senior Center

# Coming Events

## **October 3rd - Columbus Area Fish Enthusiasts**

### **Fall Auction**

Hamilton Township Community Building, 6400 Lockbourne Rd, Lockbourne, Ohio For more information: <http://www.columbusfishclub.org> or Pat Sabourin, 614-846-1038 (6-10 pm)

## **October 3rd - Lorain County Aquarium Society -**

### **Fall Auction**

Lorain County Community College, Spitzer Conference Center, 1005 N. Abbe Rd., Elyria, Ohio For more information: Barbara (440) 774-4533, Donna (440) 365-0941 ([dmassey@gmail.com](mailto:dmassey@gmail.com)), Ken (419) 668-7452 ([kmcgill@neo.rr.com](mailto:kmcgill@neo.rr.com)) or Brenda (440) 323-0733 or check club web site: [www.geocities.com/lcas1998](http://www.geocities.com/lcas1998) or [LCAS@LorainCounty.com](mailto:LCAS@LorainCounty.com).

## **October 18th - Youngstown Area Tropical Fish Society -**

### **Fall Auction**

Lordstown Admin. Bldg 1455 Salt Springs Rd. S.W. Lordstown, OH 44481. Fish Plants, dry goods. Reg. 11 AM, Auction starts at noon. For more information: Tom mruaru2@aol.com 330-758-3043 or Curt 330-824-2563

## **November 1st - Greater Akron Aquarium Society -**

### **Fall Auction**

Tallmadge Community Center, 80 Community Rd., Tallmadge, Ohio For more information: Bud White (330) 848-3856 ([bwhite@neo.rr.com](mailto:bwhite@neo.rr.com)), Wayne Toven (330) 296-6322 ([wtoven@hotmail.com](mailto:wtoven@hotmail.com)) or Rich Serva (330) 650-4613 ([riserva@juno.com](mailto:riserva@juno.com))

## **November 20-22 - Ohio Cichlid Association -**

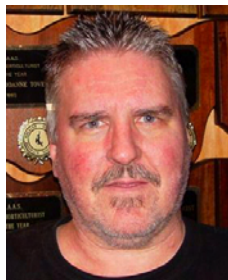
### **Extravaganza 2009**

at the Strongsville Holiday Inn at Rt. 71 & 82 in Strongsville. For more information visit: [www.ohiocichlid.com](http://www.ohiocichlid.com)



# Exchange Report

Wayne Toven



I read the publications of lots of Fish clubs from all over North America, there are some good informative articles out there. If you would like a copy of one of the articles mentioned let me know and I will get it to you one way or another. First of all I would like to acknowledge reprints of articles written by club members, in other fish club publications, see people do read these articles. Rich Serva's article *Breeding the Not So Common Guppy* was reprinted in the **Cleveland Aquarium Society's** Sep/Oct issue of *The Wet Thumb*, and in the **Missouri Aquarium Society Inc.** Jul/Aug issue of *The Darter* were two articles; Joe Reich's *Keeping Macrobrachium sp. "Red Claw" Shrimp*, and Wayne Toven's *Going Mad With Aponogeton Madagascariensis*.

**Motor City Aquarium Society**, Tropic Tank Talk: Aug 09  
*Feather – fin Pearl Fish (Cynolebias constanciae)*, by Leo S. Long

**Eastern Iowa Aquarium Society**, Fin Flap: Aug 09  
*The Building of a Planted Tank*, by Craig Thorenson

**Eastern Iowa Aquarium Society**, Fin Flap: Sept 09  
*The building of a Planted Tank, part 1: Choosing Your Tank*, by Craig Thorenson

**Greater Cincinnati Aquarium Society**, Fincinnati: Sep/Oct 09  
*Paracyprichromis nigripinnis (Kapembwa)*, by Todd Leising

**Greater Pittsburgh Aquarium Society Inc.** Finformation: Aug 09  
*Altolamprologus calvus (Black)*, by Roberto Prati  
*Corydoras sp. CW21*, by Eric Bodrock

**Hamilton & District Aquarium Society**: Sept 09  
*Spawning the Harlequin Rasbora (Black)*, by Charles Drew  
*Discus Made Simple... Or 'Discus for Dummies' Part 1*, by Joe Bastianpillai

**Kitchener – Waterloo Aquarium Society**, Fins and Tales: Sept 09  
*My First Gymnogeophagus*, by Ed Koerner  
*The Plant Ed Tank – Your First?*, by Ed Koerner

**Missouri Aquarium Society Inc.** The Darter: May/Jun 09  
*The Search for 'Wild' Swordtails*, by Patrick A. Tosie Sr.  
*Spawning Nanochromis dimidiatus*, by Patrick A. Tosie Sr.

**Pacific Coast Cichlid Association**, Cichlidae Communique: Jul/Aug 09  
*Cyphotilapia gibberosa – Seven Stripe "Mpimbwe Blue"*, by Anthony Tu

**Sarnia Aquarium Society**, Aqua Antics: Sept 09  
*Breeding Cichlasoma synspilum*, by Bruce Hart  
*Fundulopanchax puerzli*, by Peter Melady

**St. Catharines and Area Aquarium Society**, The Scat: Sept 09  
*Breeding and Care of Tateumndina ocellicauda*, by Dave Unruh

**Youngstown Area Tropical Fish Society**, the Youngstown Aquarist:  
Sep/Oct 09

*Puntius tilleya (Cherry Barbs)*, by  
Brian LaNeve

*Ancistrus sp. "Long Finned Albino  
Bushynose Pleco"*, by Dave Ayres

**Greater Pittsburgh Aquarium Society Inc.** Finformation: Sept 09  
*Ancistrus sp. Bristle Nose*, by Roberto Prati

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# Keeping & Spawning

## *Phalichthys amates amates*

Wayne Toven



Livebearers again? That's right another article on livebearers, I write about what has been spawning lately in my fish room. *Phalichthys amates* is a species of livebearer belonging to the family Poeciliidae. It is currently divided into two sub-species, *P. amates amates* and *P. amates pitteri*. The range of distribution of *P. amates amates* is the Atlantic slope of southern Guatemala and northern Honduras, and *P. amates pitteri* is the Atlantic slope of Costa Rica, Nicaragua, and western Panama. Since I have not kept *P. amates pitteri*, I will concentrate on *P. amates amates*, which until recently resided in a 20 gal high aquarium in my basement fish room.

The common name for them is the merry widow; they are a peaceful species that prefers quiet conditions, so turbulence and active tank mates should be avoided. Their aquarium should be well planted, from what I have observed they are very shy fish. Water conditions are not too critical, medium to medium hard, Ph range should be 6.5 – 7.5, and temperatures 72 – 82 degrees F. *P. amates* are omnivorous and herbivorous, all foods seem to be eaten readily, I fed vegetable based flake, live daphnia and black worms, freeze dried daphnia and blood worms, and frozen brine shrimp and blood worms.

The body shape is most similar to that of platys, adult males grow to 1 ½ inches and the females around 2 ½ inches, the main difference other than the size is that the males have a good sized gonopodium. The main body

coloration of both sexes is a light golden tan, with a bluish iridescence on the middle of their sides. Dorsal and caudal fins are transparent with the same light golden tan colors as the body, the rest of the fins are clear. The dorsal fin of both sexes has a band of black with a narrow white margin on the trailing edge. Females have a dark spot above and just in front of the anal fin; this is referred to as the gravid spot. Both sexes also have a short dark stripe through the eye. Looking down on them from above, there is also a dark stripe from the front of the dorsal fin forward to between the eyes, and a small white spot in that stripe just behind the eyes.

For the purpose of breeding the aquarium should be very thick with plants if any fry are to survive with the parents and other adults present. Otherwise a gravid female should be placed in a breeder trap so that the fry can escape to safety. Although they are a peaceful fish, I've noted they consider their fry a live food. When I first noticed the fry they were  $\frac{1}{4}$  of an inch in length and slender, so even with the small mouths of the adults they could consume them. The gestation period is four weeks, a typical spawn is anywhere from 10 – 80 fry. The males are sexually mature at a mere six months of age, the females take about twelve months. My spawns were never really big considering my females were only about  $1\frac{3}{4}$  inches in size, and by the time I noticed there were fry, as they were all in the same aquarium. As with a lot of my fish, after successfully spawning them, the spawning group was moved on through a club auction, so that others can have the joy of keeping and spawning them.



#### References:

Baensch Aquarium Atlas #1, by Dr. Rudiger Riehl, Hans A. Baensch  
Livebearing Fishes-a Guide to Their Aquarium Biology & Classification,  
by John Dawes

# Trying to Get the Lowdown on the Upland Swordtail

Wayne Toven



I went through all my fish books in my bookcase, of which only a few are all about livebearers, I didn't find very much information on *Xiphophorus alvarezi*. So then I went to the computer gods and searched on line, not much more there, at least that I could find.

The species was first described in 1960 by Donn E. Rosen from specimens passed on to him by the then Secretario de Marina of Mexico, Sr. Jose Alvarez del Villar, thus the name *Xiphophorus alvarezi*. Originally from the Atlantic slope of the upland basins around Chiapas in south eastern tip of Mexico and east into Guatemala. That is where two of the common names, the upland swordtail, and the Chiapas swordtail, come from. One other common name I found is the blue swordtail, due to a blue sheen on the flanks of the body, when viewed under the proper lighting.

In their natural habitat they are found in schools, usually containing significantly more females than males, in medium to fast flowing shaded clear water rivers. Water depths can be up to one meter (39 inches), over substrates of sand, gravel, and rocks with abundant algae growth. Aquarium water parameters should be neutral to slightly alkaline, at a Ph around 7.0-8.1, the hardness between 5-20 dGH, and temperatures in the 76-82 degrees F range. The water needs to be clear, well filtered, with a current near the surface and free of or very low in nitrites, otherwise the males may be stunted and the females often become infertile. I have been told that there are two varieties of *X. alvarezi*, a red form and a yellow

form, the ones that I have are of the yellow variety, the red variety is more delicate and harder to breed, and needless to say harder to find.

Adult males attain a maximum size of 2.5 inches, less the swordtail extension, and the females up to 3 inches, females are more full bodied than the males. The basic body coloration is white from the eye down to the belly; the upper half of the body is pale to golden yellow. There are 2-3 prominent horizontal red stripes on the sides, and a blue sheen on the flanks. All the fins on both sexes are clear; the dorsal has more or less two rows of orange spots, and the male has a yellow sword extension edged in black on the bottom of the caudal fin. The male also has the modified anal fin called a gonopodium, which is used to pass the sperm for internal fertilization of the females. The normal gestation period is 24-30 days; broods can vary from 10-30 quarter inch fry, this species is not as prolific as *X. helleri*. The young reach sexual maturity after one year of age, and specimens can live 3-4 years.

The aquarium set up if large enough should have a section with a current near the surface provided by an over the back power filter or a power head. There should be lots of rocks, up to fist sized to provide hiding areas for fry, gravid females and extra males. The males of the species are intolerant of each other and will fight, so unless the tank is sufficiently large there should be only one male to several females. This species can be kept in a community tank with peaceful tank mates, but not other swordtails such as *X. helleri* or *X. clemenciae* as hybridization will occur. There should also be a medium to heavily planted section for the females to hide in during delivery of the fry and as a nursery for the fry. The fry need small live foods and algae should also be present for them to graze on. The adults should be fed a good vegetable based flake food along with live (daphnia and brine shrimp) or frozen foods (blood worms and brine shrimp). They will also graze on the algae, so having some algae in the tank is not always a bad thing.



# Board Member Job Descriptions

The following are brief job description on the board positions of GAAS. This has been included here in case any members were not quite sure what a specific board position entails before they would consider running for it. One important thing to keep in mind is that although the officer for any position is responsible for the jobs for that position, they do not necessarily have to physically do all the jobs themselves, they may delegate to other members. The important thing in this case is to make sure that the job is accomplished by someone. Please give running for a position a thought, your new ideas are welcome.

## **President's Responsibilities:**

1. May sign checks.
2. Presides at meetings and all other Society functions.
3. Will set up nominating committee for November Board elections by the 15th of September of each year.
4. Will have proposed changes to Standing Rules published in the Oct.-Nov. issue of Tank Topics so that changes may be made and voted on at the January general membership meeting.
5. Follow up to make sure board members are able to meet deadlines for special events i.e.; Auctions, Christmas Party, Annual Show, Elections, etc.
6. Will write article for Tank Topics.
7. Will file for of continued existence as per Constitution (sec. IV, art. 9).
8. The President is a member of all committees, including Show.

## **Vice President's Responsibilities:**

1. Preside in the absence of the President.
2. Cover additional offices temporarily due to absence or resignation of a Board Member until a permanent replacement can be found.
3. Assists President in following up details.
4. Will obtain bond for President and Treasurer. (These officers are the only members able to sign checks.)
5. Vice President is Chairman of the Nominating Committee.

## **Treasurer's Responsibilities:**

1. Keep track of club's funds.
2. Keep club's financial records up to date so that they may be examined at any time.
3. Write checks and obtain receipts for authorized expenses.
4. Collect cash and checks at auctions, meetings and other club functions and deposit these monies into the Society's account.
5. Write and mail checks for auction proceeds.
6. Report the financial condition of the club at meetings.

7. Will have the Board audit the Society's financial records at the end of each year.

#### **Secretary's Responsibilities:**

1. Take minutes at the board and membership meetings.
2. Read the minutes from the previous meeting.
3. Give a copy of the minutes to the President.
4. Keep up-to-date copies of the Society's Constitution, By Laws and standing rules.

#### **Editor's Responsibilities:**

1. Compile all copy and articles for Tank Topics.
2. Write an article for each issue.
3. Set up committee of artists, authors, printers, collators, addressers, and mailers as needed.
4. Set deadline for articles and board reports and inform members of such. Deadline for mailing Tank Topics is one week before the general meeting.
5. Keep inventory of printing supplies. Two issues worth should be kept on hand.
6. Work with other chairmen such as BAP, Special Activities, Publicity, etc. to produce printed materials as needed.

#### **Special Activities Chairman's Responsibilities:**

1. Establish classes for Bowl Show at each meeting.
2. Choose judge and award winners at each Bowl Show.
3. Keep record of members Bowl Show points and award annual Bowl Show Awards per standing rules
4. Write a report for Tank Topics informing membership of Bowl Show schedule, winners and their standings.
5. Organize activities outside regular meetings such as collecting trips, field trips, etc.
6. Organize date, location, publicity, auctioneers, registration, refreshments etc. for the auctions.

#### **Breeder/Horticultural Award Program Chairman's Responsibilities**

1. Maintain records of all member's spawns and propagations.
2. Award certificates and plaques for spawning/propagation achievements.
3. Write a report for Tank Topics.
4. Provide FAAS/CAOAC Liaison with records of member's spawns/propagations.

#### **Membership Chairman's Responsibilities**

1. Sign up new members by maintaining a membership table at all meetings and special events.
2. Set out sign-in sheets for members and visitors at meetings.

3. Maintain mailing lists for editor, including members, exchange bulletins, manufacturers, etc.
4. Provide current mailing list to Editor for each publication date.

#### **Raffle Chairman's Responsibilities:**

1. Acquire merchandise for, set up and operate the monthly raffle at membership meetings.
2. Sell club merchandise (patches, t-shirts, hats, etc.) at meetings and special events.
3. Sell raffle tickets for prizes at annual show.
4. Arranges for door prizes at Christmas Party and Show.

#### **Librarian's Responsibilities:**

1. Maintain club's library.
2. Bring library to membership meetings.
3. Operate monthly book raffle at meeting.
4. Collect all books that are out at close of term.
5. Keep inventory of books and literature in the library.
6. Update library with new books purchased with board approval.
7. Contact members with overdue books and collect overdue book fines.
8. Have Editor publish names of those with excessively overdue books.

#### **Historian's Responsibilities:**

1. Maintain a file of Tank Topics for past years.
2. Maintain a file of photos and slides of past club events.
3. Take pictures at club events.

#### **FAAS Rep Responsibilities:**

1. Maintain contact with the national organization.
2. Inform members of any developments of note involving organization by writing a report for Tank Topics.
3. Submit appropriate forms and records to FAAS for participation in annual contests, etc. (includes holding one set of Tank Topics for annual publication awards.)
4. Handle all show sanctions
5. Keep file of current years bulletins organization.
6. Set up nominating committee for FAAS Aquarist of the Year Award in September and have nominees prepared for voting by membership at November Elections.

#### **Refreshment Chairman's Responsibilities:**

1. Bring Refreshments and beverages to monthly meetings.
2. Collect cash donations for refreshments.
3. Provide coffee, donuts, orange juice, etc. for judges on Sunday morning of annual show.

4. Set up food booth at club auctions, show and any club functions where appropriate.

### **Publicity Chairman's Responsibilities:**

1. Promote the Club and it's activities both with the general public and among other aquarist groups.
2. Personally contact the pet stores in the area.
3. To the best of the Chairman's ability, take advantage of free advertising for meetings and other society activities.
4. Place ads in appropriate media for Show, Auctions, and other society activities, with Board approval of expenses.
5. Request donations from pet stores, manufactures, and other appropriate donors for show and other society activities.

### **Program Chairman's Responsibilities:**

1. Secure speakers for the monthly meetings.
2. Purchase and award gifts to the speakers.
3. See that speakers receive a one year membership to G.A.A.S.
4. Speaker expenses such as travel, lodging and supplies are to be approved by the Board.

### **Web Master's Responsibilities:**

1. Maintain club's web site content including updating regularly with current club news and information.
2. Work with Editor, Historian, BAP/HAP and Special Activities to get timely information and photos for use on web site.
3. Work with Treasurer to set up and maintain and electronic fund transfer and billing accounts.

### **50/50 Raffle Chairman's Responsibilities:**

1. Operate 50/50 raffles at auctions, show and general meetings.
2. Procure tickets for raffle purposes.



**DAVE DANGEL**  
 Oregon Trails Plaza  
 4046 Fishcreek Road  
 Stow, OH 44224 (330)686-2235  
[Dave@petjunction.net](mailto:Dave@petjunction.net)  
[PetJunction.net](http://PetJunction.net)

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# Swap Meet

Welcome to our Aquatic Classifieds - a place where you can list fish and aquatic items that you

would like to sell or trade or are interested in buy or trading for.

There are a few simple rules to prevent problems and abuses of the system:

1. You must be a members of GAAS to list either Haves or Wants.
2. No retail or commercial sales establishments will be permitted to list.
3. Only hobby related items will be listed.
4. Ads are limited to six items only and may only be run for three issues of Tank Topics. (You must give the Editor notice before the publication deadline to have an ad re-run!)

**HAVE:** Sailfin Red Eye/Red Swordtails, Hifin Red Swordtails (normal eyes), Red Eye/Red Swordtails (normal dorsal), Black / Red Marble Swordtails, Plumetail Platies, Hifin/Plumetail Platies, Wild X. helleri, Lyretail Platies, Albino Swordtails, X. montezumae

See pictures of fish at

[www.platy-plus.com](http://www.platy-plus.com)

**Rick Graham**

[platyplus@neo.rr.com](mailto:platyplus@neo.rr.com)

## Needs a new home:

Approximately 11" long common *plecostomus*.

Healthy but doesn't get along with goldfish and needs a bigger tank.

**Megan Archer**

[2manyfish@gmail.com](mailto:2manyfish@gmail.com)

## W. E. T. FISH BAGS

	50	100
3 1/2 x 12	\$3.00	\$5.00
6x18	\$4.50	\$7.00
8x20	\$4.50	\$8.00
10x24	\$5.00	\$9.00
3 1/2- 1.5 mil	All others - 2 mil	

**Wayne Toven** (330) 296-6322

or [wtoven@hotmail.com](mailto:wtoven@hotmail.com)

**Have:** 5 zinc coated farm stock tanks - 250 to 300 gallons - in good shape \$40 each, must take all

**Francis**

330 798-9939

[gardendesigns@nevereveryordinary.com](mailto:gardendesigns@nevereveryordinary.com)

# The Greater Akron Aquarium Society

## Membership Form

New ☐ Renewal ☐

Adult (18 years and older)	1 year	\$7.50
	2 years	\$12.00
Family (includes children under 10)	1 year	\$10.00
	2 years	\$15.00
Junior (10-17 years)	1 year	\$5.00
	2 years	\$7.00



Dues Collected \_\_\_\_\_ Date Received \_\_\_\_\_

Name \_\_\_\_\_ Age \_\_\_\_\_

Address \_\_\_\_\_

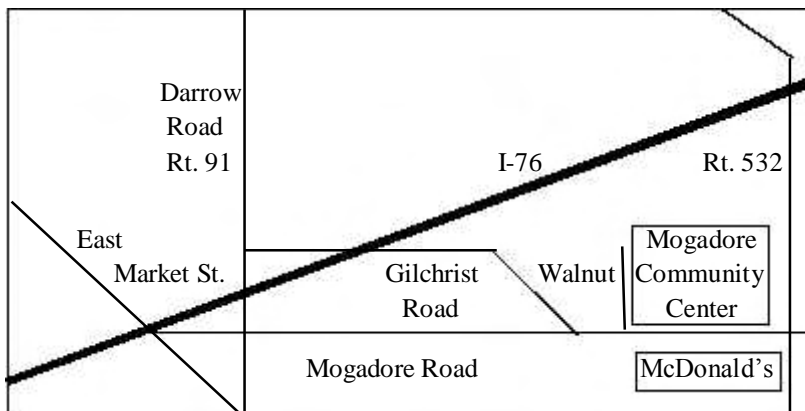
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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



The Greater Akron Aquarium Society  
P.O. Box 494  
Akron, OH 44309-0494

Meeting Notice - Do Not Delay