



GRAND VALLEY AQUARIUM CLUB TANK NOTES

APRIL 2015 - JUNE 2015

ISSUE 68

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LETTER FROM THE EDITOR

NEW WEBSITE & GOING DIGITAL!

While it is still a work in progress, I'm happy to announce the redesign of our website! There are some issues with our old website, and therefore we had to get a new domain name.

The new website address is: **www.gvaquariumclub.org**. I'm hoping that you will all find it easier to use, more organized and also better to view on your smartphones and tablets!

We are also going digital with our newsletter! Many of you have asked about seeing the newsletter in color, and now you will. This issue you will notice that you will receive both via mail and email. After this issue, you will receive it via email and it is also available on the website (if you do not have an email address, we will continue to mail you a copy).

I hope you all are as excited as I am for the new website and **color** newsletter!

Your editor, Shealyn



Photo by Joe Spaniolo
Newly Hatched Angel Fry



Photo by Shealyn Sarns
Aphyosemion australe

2015 BOARD OF DIRECTORS

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GVAC FELLOWS

The following is a list of Fellows of the Grand Valley Aquarium Club. These are members who have contributed to making GVAC a successful club. They have held many positions within the club and donated countless hours during those tasks that would not be completed without their hard work and dedication. New Fellows are nominated by current fellows and voted on by the general membership.

Tim Boelema

Ben VanDinther

Finn Nielsen

Jeff Vander Berg

Ken Zeedyk

Patrick Miller

Don't forget to thank them when you see them at meetings or other events.

Reprint Policy:

Articles appearing in the Newsletter of the Grand Valley Aquarium Club may be reprinted in a newsletter (not on website or e-mail) by any non-profit aquarium organization as long as the author and GVAC are given written credit. Two copies of the publication in which the article is printed must be sent to:

Shealyn Sarns, GVAC Editor

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Grandville, MI 49418-0325

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C.A.R.E.S. Coordinator

Cyndi Westra, ccyndiw@yahoo.com

2015 CLUB BUDGET

Income:

Spring and Fall Auction:	\$5000.00
Raffles:	\$1000.00
Swap Meet:	\$520.00
Memberships:	\$1000.00
Monthly Auctions:	\$1200.00
Total:	\$8720.00

Expenses:

Monthly room rental:	\$1600.00
Large auction room rentals (2):	\$880.00
Swap meet room rental:	\$280.00
Featured speaker fees:	\$1200.00
Rare Fish Night:	\$700.00
Christmas party:	\$900.00
Summer picnic	\$500.00
Insurance:	\$432.00
Newsletter:	\$500.00
Awards:	\$1000.00
Website:	\$300.00
PO Box:	\$124.00
Misc expenses (forms, stamps, etc):	\$304.00
Total:	\$8720.00

GVAC Mailing Address:

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Grandville, MI 49418-0325

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PRESIDENT'S MESSAGE

Hopefully spring is right around the corner, and we can start planning for summer tubing. This is a great way to bring your hobby outside for the summer, if you haven't tried it; I highly recommend giving it a shot. With the warm weather coming, again hopefully, comes the remaining spring auctions to wrap up this part of the club hobby for the summer. Check the upcoming events column in the newsletter for spring auctions, if you've never attended another club's event I encourage you to check one out. It's a great way to meet fellow hobbyists, and get some new / different fish than what's available in our local club, and to meet people with similar interests.

So as we enter the second quarter of 2015, a few notes. First GVAC's speaker list looks outstanding for the year, a few highlights Gary Lange on Rainbowfish, Elizabeth Marcio on Forest Fishes of the Amazon, Steve Edie on Tanganyikan Cichlids, and Mo Devlin on Aquarium Photography! This is a brief rundown of what's coming next to our regular meetings at the Home School Building, (5625 Burlingame SW); this is the same location we currently use for our auctions. Speaking of auctions GVAC's Spring Auction is March 21st. As always club members help at our auctions is always needed and appreciated. Club auctions are our major fund generator for the year, our success with our auctions determines our funds for speakers and other GVAC events.

I'm really anxious to see how our bowl show program will do this year. I know as a club we can make this as successful as our BAP and HAP programs have been. C.A.R.E.S. is off and running this year please remember to update your standings with Cyndi Westra. Also, if you're participating in our extended BAP program you must compile these and submit them

to our BAP chair on your own.

Please remember GVAC is your club, if there's an event or speaker you'd like to see, please bring it up to board member. Donating your time and energy to the club helps to make us what we are, a fantastic club! Participation in HAP, BAP, C.A.R.E.S., writing articles, turning in photos, and participation in the many club events and programs we sponsor, helps both the hobbyist and the club.

Best Fishes,
Mike Monje



*Photo by Jeff Riemersma
Kribensis*

PLEASE SUPPORT THOSE WHO SUPPORT GVAC:

Blue Fish Aquarium

Preuss Pets

Aquarium Services

ADG/Aqua Design Amano USA

Amazonas Magazine

Aquatic Gardeners Association -

Karen Randall

Boyd Enterprises

Cichlid Press

CichlidBreeding.com

Doctors Foster & Smith

Florida Aquatic Nurseries

Hagen

HBH Pet Products

Hikari USA

Kordon - Novalek

Marineland

OddballFish.com

Ocean Star International

OmegaSea

Penn Plax

Pet Supplies Plus

Python Products

Repashy Superfoods

San Francisco Bay Brand

Seachem Laboratories, Inc.

SpectraPure

Ted's Fishroom

Tetra

TFH - Tropical Fish Hobbyist

Zoo Med Laboratories, Inc.

FISH CALENDAR OF EVENTS:

APRIL:

- 11:** Michiana Spring Auction - Concord Mall
3701 S Main (US 33) Elkhart IN
Registration 9am – Auction 11am
www.michianaaquariumsociety.org
- 11:** **GVAC Meeting**
Homeschool Building, 7 PM
Speaker: Heather Burke / Breeder Q & A
- 18:** **GVAC Board Meeting**
Mike Monje's House

MAY:

- 1-3:** ALA Convention
Lancaster PA
www.alaconvention2015.com
- 9:** **GVAC Meeting**
Homeschool Building, 7 PM
Speaker: Steve Edie
Tankanikyan Cichlids
- 22-24:** AKA Convention
Detroit, MI
www.aka.org/convention-2015-registration-detroit-mi
- 22-24:** GCCA Cichlid Classic
Hillside, IL
www.gcca.net

JUNE:

- 13:** **GVAC Meeting**
Homeschool Building, 7 PM
Speaker: Mo Devlin
Photographing Fish



*Photo by Patrick Miller
January Meeting, Rare Fish*

ORIGINS

The wonderful and amazing story about the why's and wherefores that contributed to the forming of the Grand Valley Aquarium Club!

By Tim Boelema

It was a blustery winter night as we guided the van down the highway. We should probably have stayed home, but it was fish meeting night, and we never missed that. Our numbers sometimes varied from 3 to 6 depending on whose wife had better ideas for the evening. It would usually have to be something big, like a wedding or Valentine's Day to make us miss fish club night. This ritual had been going for almost 10 years now. Tim and Mike T had joined in the early 80's with Jeff, Finn and Mike W following a few years later. Occasionally, Mike T would drag along a new friend, but none of them became regulars. One time, Mike brought along his dad who promptly declared, "Don't ever ask me to do that again." I guess if you're not a fish person, it's not fun. Go figure. We finally arrived at the meeting place, which at that time was in the basement of a bank. We all stared at the empty parking lot and the sign out front which read, "Fish meeting cancelled due to ice storm."

"What a bunch of wimps," we declared, "We just drove an hour and a half from Grand Rapids to get here." Back then there were no cell phones or e-mail to inform everyone, so we were just out of luck.

The only logical thing to do was to hit all of the fish stores in Kalamazoo. We would probably need food and a quick beer and then head back.

The Southwestern Michigan Aquarium Society had been founded in the late 70's and was the closest fish club to Grand Rapids. The



*Photo by Ken Zeedyk
Greenside Darter*

club at that time only had one auction in the Spring and usually a Show in the Summer. In the late 80's money was starting to get a little tight for the club and that had many members worried. The boys brought up the idea of having a Fall Auction in Grand Rapids to generate a few much needed bucks for the club. The added benefit was that more people from the GR area could be exposed to the fish hobby. This idea went over very well with the auction being held in the Grand Village Mall. They let us set up in one of the empty store fronts which worked perfectly. We even had a few vendors set up for the day. Mike T was one of the vendors, setting up his pond stuff. We made a lot of money.

This tradition continued for a few years with a few auctions held at the same mall and also at the old Eastbrook Mall. The longing for a Grand Rapids club was beginning to stir in us boys, but we loved our traveling tradition so much, we weren't quite ready to make the big move. We had also started making field trips to Detroit and Chicago attending auctions and visiting stores.

In 1994, SWMAS wanted to host the American Livebearers Association's annual convention. Pat Hartman was kind of a bid deal in the ALA and really pushed for the idea. Unfortunately (or maybe, fortunately), no one in Kalamazoo wanted to do the work. This didn't deter us boys who quickly agreed to take on the task as long as it was held in Grand Rapids. I agreed to act as chairman with everyone else taking on jobs as well. We leaned heavily on Pat for guidance along with Rich Serva from the Cleveland area. The convention proved to be a huge success bringing in the most income up until that time. This happened at a great time for ALA as well, as they were suffering some financial woes too. This was probably the event that got the talk of a local club ramped up the most.

The idea sat dormant for another year mainly because we felt guilty about taking our vast talents away from our current club. I was the newsletter editor and Fall Auction Chairman, all of the other guys held board positions and were committee chairman at the time. We also knew if we started a club in GR, the Fall Auction was ours and that would hurt some feelings with the Kalamazoo folks. We slowly started giving up some of our jobs in the club to start preparing for our departure.

In the Summer of 1995, Jeff, Finn and I went of one our fish field trips to Chicago. We of course had a few hours of travel each way in which to discuss and solve all of the aquarium hobby's problems. I don't quite recall what the deciding factor was, but on the way back, we made up our minds to form the club. We would have it running by the first of the year. We could resign our jobs with SWMAS as they are filled at that time. We could also decide on a name and file our legal papers yet this year. This is the reason that some of our papers and T-shirts say, "founded in 1995." Our joke has always been that the club was born in the back of my van because of this trip. We soon enlisted both Mikes to help us get things started and we soon were known as the "five flounders." Organizational meetings were held a couple of times at

Finn's house in Allendale and once at my house in Jenison. Other hobbyists were invited to join us and I recall 12 to 18 people at each meeting.

Several names for the club were tossed around including: the Grand Rapids Aquarium Society which we thought was too geographically narrow. We thought about the Grand River Aquarium Society because we wanted our target area for members to be from Lansing to the lakeshore which is where the Grand River runs, but we thought people might mistake us for a bunch of fisherman. We liked the Grandvalley name, but we didn't want to be confused with the college so we separated the two words to become the Grand Valley Aquarium Society. We soon didn't like the society part of the name because our we would be known as GRAS which was too "ass-like." Ok we were really picking nits at this point, but this was important stuff. We swapped out society with club and the name became official, "The Grand Valley Aquarium Club." It's still perfect to this day!

Finding a place to hold our meetings proved to be quite troublesome. We were unable to find a suitable site and our first public meetings were delayed from our January goal. Even though our official meetings were delayed, it was important to me that we got our newsletter started with the January/February issue. It would just be weird to have our newsletter start in the middle of the year. One of our fish friends was Evert Van Der Heide and he was a professor at Calvin College. He found a room available to us at the college and we held our first public meeting on April 13, 1996. We had done it! We were off and running!

And that my friends was the Origin of the Grand Valley Aquarium Club.



Photo by John Shafer

Tropheus Duboisii & Kigoma 7 Stripe Frontosa

Mitchell Hammer – 11

Clea helena
Neocardina heteropoda
Ancistrus sp bristlenose
Aulonacara hansbaenchi
Hemichromis bimaculatus
Pseudotropheus joanjohnsonae
Melanochromis cyaneorhabdos
Protomelas taeniolatus
Metriaclima estherea
Amatatlania nigrofasciata
Nimbochromis livingstonii

Justin Sarns – 7

Placidiochromis sp.
 Electra Yellow
Limia sp. tiger
Neochromis sp. Entebbe
Xiphophorus evelynae
 Puebla Platfish
Copadichromis trewasasae
 Mloto Likoma
Metraclimia sp. msobo deep
Xiphophorus alvarezii
 Rio Candleria

Chris Carpenter – 6

Julidochromis regani "kipilli"
Haplochromis thereuterion
Neochromis omnicaeruleus
Haplochromis sp 44
Tanginicodus irsacae
Lamprologus speciosus

Ken Zeedyk – 5

Xenotoca variata
Astatotilapia aneacolor
Lepomis marginatus

Polypterus senegalus
Xiphophorus mayae
 "panzos Guatemala"

Scott Tetzlaff – 4

Xiphophorus kallmani
Micropocelia minima
Poecilia sp coatzaocalcos
Xenotoca melanosoma

Mike Monje – 4

Alunocara Hansbaenschi
Pundamillia sp. blue bar
Neochromis omnicaeruleus
Archocentrus centrachus
 Flier Cichlid

Roger Miller – 3

Moenkhausia pittieri
Julidochromis ornatus
 Alfaro cultratus

Adam Persenaire – 3

Protomelas taeniolatus
 "likoma island"
Protomelas spilnotus
Protomelas taeniolatus
 "namenji island"

Eric Maxson – 3

Apistogramma panduro
Aquidens patricki
Apistogramma trifasciata

Patrick Miller – 3

Xiphophorus milleri
Allotoca catarinae
Poecilia reticulata

Randy Morris – 3

Poecilia gilla "madre de dios "
 Costa Rica
Ancistrus sp bristlenose
poecilia latipinna

Darrell Ullisch – 2

Caquetaia spectabilis
Thorichthys sp.
 Coatzaocalcos

Allan Workman – 2

Neochromis greenwoodi
Ancestries sp

Cyndi Westra – 2

Astatotilapia latifasciata
Neochromis omnicaeruleus
 "Makobe II"

Kevin Hightower – 2

Neocardina davidi var. *cherry*
 L340 *Hypancistrus pleco*

Dan Kraker – 1

Metriaclima msobo deep

Heather Burke – 1

Xiphophorus couchianus

Steve Hosteter – 1

Xiphophorus couchianus

Dan Ondersma – 1

Xiphophorus maculatus

BAP BY THE NUMBERS

Participants: 10

Total Points Earned: 16



Photo by Shealyn Sarns

Apistogramma cacatuoides

A CHERRY OF A SHRIMP

By Scott Tetzlaff

Red Cherry shrimp, *Neocardina denticulate sinensis*, was my first success at reproducing a shrimp. They are also known as Cherry Red Shrimp. Whatever common name you prefer to call them by is fine. They are really quite simple to keep. I purchased a group at an auction. I placed them in a 2.5 gallon tank with *Najas* grass in it. I then placed a sponge filter with good aeration. Soon little shrimp appeared everywhere. A month later Grandpa Farmer gave me a group and I placed them in a 5 gallon with the same set up and had the same results.

Red Cherry Shrimp require clean water. They feed on algae and left over food. Don't be afraid to try blanched vegetables like zucchini. Red Cherry Shrimp are small and brightly colored. They can reach a whopping size of 1.2 inches. They are fairly adaptable to temperature and water conditions. Best conditions are 70-80 degrees Fahrenheit and moderate hard water. You can keep them in as small as 2.5 Gallon Tank as long as the water is kept clean. Unclean water can shorten their lives quickly. Normally they only live up

to 1.5 years anyway.

In nature Red Cherry Shrimp are found in Southern China, Taiwan and Northern Vietnam. They are easy to breed. They are captive bred for color. The males and juveniles are clear. The females have redder color. Females gain the red color at two or three months of Age.

These shrimp need something to cling to especially when transporting. You will find them all over the aquarium young will even cling to the surface. They like hiding places to make them comfortable when molting. Shrimp molt as they grow. Small fish such as rasboras, danios and tetras can be kept with them but you will lose some larvae.

A Female Red Cherry Shrimp carries the eggs and larvae in her swimmerettes until they can fend for themselves. The young eat the same foods as adults. The eggs take 20-30 days to develop. There is no intermediate plankton stage.

I must stress to be careful and keep the water clean they are very sensitive to nitrates. They are also vulnerable to copper, heavy metals and medications. For a while it seemed everybody had some Red Cherry Shrimp. Now I don't see so many. I think they lose cleaner water and waste away. Give them a try!

ROUND 1- TANGANYIKA VS.

MALAWI (mostly joking)

By Chris Carpenter

I love African cichlids! It would be foolish to limit myself to keeping cichlids from just one lake. Both lakes Malawi and Tanganyika are truly amazing and home to some of the coolest cichlids on the planet. There are debates all over internet message boards about which Lake is better Tanganyika or Malawi, so for the purpose of this article I am going to take a side and if you know me then you already know which side I will be taking.

Lets start with the argument that every Malawi cichlid lover immediately goes to and hangs over every Tanganyika addicts head, Color! Malawi cichlids are vibrant and rival the color of saltwater fish. Seriously? Have you looked at any saltwater fish? I will give you the fact that Malawi cichlids are colorful and vibrant... if you like blue and yellow? However I am a Michigan State Spartan fan and keeping an aquarium filled with blues and yellows just makes me want to puke! I cover my Malawi tanks on game day. Tanganyika fish are all brown and silver. Seriously? Have you looked at any Tanganyika cichlids? Look up a picture of Enantiopus melanogenys and get back to me. When I look at fish from Lake Tanganyika I see copper, silver and gold. Chaching! Along with a ton of other colors.

Physically Lake Tanganyika blows Malawi away. In Lake Tanganyika you have both the largest (*Lepidiolamprologus Boulengeri*) and smallest (*Neolamprologus multifasciatus*) cichlid in the world. The body and fin shape of Tanganyika cichlids vary greatly from large, small, long, narrow, short, stout and flowing. Malawi? For the most part shape and size does not vary all that much. They look the same! Once you have kept one you've kept them all, aside from varying shades of blue or yellow. Malawi even claims to have a shell dwelling cichlid (*Maylandia lanisticola*) but it's a lie! I have kept this fish and they used the shells for the first day or two when they were scared and then they abandoned them and behaved and bred like every other mbuna.

Sex life, I don't know about you, but I like a bit of variety in my sex life and that goes for how my cichlids breed too. EVERY Malawi cichlid is a mouthbrooder aside from *Tilapia randalli* which doesn't even belong in the lake. If you don't know it already here's the secret recipe for breeding Malawi cichlids, add one boy and a bunch of females and you WILL breed them. Sounds challenging, not! Tanganyika cichlids have many different breeding strategies, are more of a challenge to breed and yes there are some mouthbrooders but not

ALL of them. Tanganyika cichlids even mouth brood cooler. Have you ever seen a *Cyprichromis* drop an egg and then move backward and scoop forward to catch an egg in midwater? I have and it's awesome and I've never seen a Malawi cichlid do it. Many Tanganyika cichlids breed in pairs and sometimes the hardest part of breeding them is getting that harmonious pair. I like that challenge.

Health. I don't think I have ever lost one Tanganyika cichlid to the dreaded bloat. Heck, they even call it Malawi bloat. I have had some *Tropheus* come down with a case of bloat and how ironic that they look a lot like Malawi mbuna. I have had some major issues in Malawi cichlid tanks with illness but cant seem to recall ever having major issues with Tanganyika tanks. In my opinion Tanganyika cichlids are a much hardier fish. I can feed my Tanganyika cichlids almost anything because they don't have super sensitive stomachs.

I plan to do Round 2 Tanganyika vs. Lake Victoria next issue of tank notes , oh wait all you have to do is substitute the word Victoria for Malawi and change the colors from blue and yellow to red and green. I guess we know who wins that one too.

ECHINODORUS SP ATLANASBERG

By Justin Sarns

I purchased this sword from Blue Fish this summer in the hopes of flowering it in my outdoor tub. It is a smaller sword plant. Leaves are typically 4-6 inches long, although I have had a healthy plant only get 3 inch leaves. The plant resembles a kleiner bar sword in leaf structure. The leaves are oval shaped and grow at the end of a short stem, although the stems grow quite long in my pond. The leaves are green with red veins, giving them a bronze coloration. I have grown them in low tech and high tech with varying lights and all have been successful. I am currently growing a young plant in a 15 with flourite red and a marineland double bright LED fixture.

I had an extra plant this summer and decided to put it out into the pond, hoping it would flower. In August, I got my wish. The plant shot up a stem that reached two feet above the water. The stem was there for several weeks before small white flower with purple highlights opened on the stem. I was suprised that the stem did not grow small plants as the amazon sword plant does. Instead, I have found that this sword is best reproduced by dividing the roots and stems when the plant is ready. If you are looking for a great small sword plant, give this species a try!

2015 HAP TOTALS JANUARY - MARCH

Kevin Hightower – 17

Vegetative:

Sagittaria subulata
Dwarf sagittaria
Fontinalis antipyretica
Willow Moss
Ludwegia peruensis
Cryptocoryne balansae
Cabomba aquatic
Echinodorus uruguayensis
Echinodorus muricatus
Cryptocoryne wendtii
Anubias barteri var
wrinkle leaf
Bolbitis asiatica
Bacopa monnieri
Moneywort
Cryptocoryne willisii
Echinodorus Osiris
Melon Sword
Hygrophilia difformis
Wisteri
Heteranthera zosterifolia
star grass
Riccia fluitans
crystalwort
Lemna minor
Duckweed

Justin Sarns – 4

Vegetative:

Mynophyllum simulans
Echonodurus sp. Red Rubin

Cryptocoryne beckettii
lobelia cardinalis

Dan Kraker – 2

Vegetative:

Sagittaria subulata
(dwarf sag)
Versicularia dubyana
(java fern)

Roger Miller – 2

Vegetative:

Staurogyne repens
Nuphar japonicum

Heather Burke – 1

Flowering:

Pistia stratiotes
(water lettuce)

Mike Monje – 1

Flowering:

Annubias minima

Melissa DeHaan – 1

Vegetative:

Spirodela polyrhiza
Giant Duckweed

Patrick Miller – 1

Vegetative:

Limnobium Laeigatum
Frogbit



Photo by Jeff Riemersma
Haplochromis sp. 35 "tomato"



Photo by Cyndi Westra
Blue Neon Peacock

OTOPHARYNX TETRASPILUS

By Mike Monje

Otopharynx tetraspilus also known as the Mloto Yellow Princess. This fish was first typed by Trewavas way back in 1935; it is somewhat common in the southern part of Lake Malawi, although it appears only rarely in the hobby. I obtained my fish at an Ohio Cichlid Association auction; I picked them up because I hadn't seen them in the West Michigan area. I did a little quick research on my phone during the auction, and proceeded to win the bid. I placed them in my mixed cichlid tank, *Psuedotropheus flavus* juveniles (6), *Labidochromis chisumulae* (2 males 3 females), *Synodontis petricola* (6), and *Thoracochromis brauschi* (1 male 3 females). This tank has a footprint of 48" by 24" with a lot of Texas Holy Rock, sponge filtration, and a powerhead. As a sidebar; I've found throwing a fair amount of current in a tank will displace some of the aggression in our cichlid friends. Seems they spend time and energy fighting the current instead of each other.

When the fish settled in, about two days, the fish colored up nicely; I was more than impressed with them. The male, has a nice blue head, blue on the upper body with a nice yellow under belly and a prominent white blaze on the dorsal fin. Meanwhile the females have a nice yellow / tan body with some prominent black spots on the body, and a brighter yellow at the top of their dorsal fin. The females are among the nicest looking of all the Lake Malawi Haplochromines that I have seen. They are not very aggressive with each other or their tank mates; in fact they will inhabit the middle to upper portion of the water column and avoid the aggression of their tank mates.

Mloto Yellow Princess is very easy to keep. Because of their temperament they can reside in almost any mixed African tank. They readily accept all types of food, flake, pellet, frozen; I provide a diet higher in plant matter, typical for Lake Malawi Cichlids. Because of their larger size, Males at around six to seven inches, females two and half to 3 inches, you need at least a 48" tank. Aquarium parameters are standard as for any Lake Malawi Cichlid, (Temp 76 to 80 F; Ph 7.4 to 8.2; dH around 7.0). They breed easily but not as often as other Lake Malawi Haplochromines. However if you have a ripe female a Thirty percent water change will greatly encourage them to spawn. I let my female hold for around Fifteen days, (they are good holders), and then stripped fifteen to thirty fry with just a little yolk left on the fry. The fry are easy to raise on crushed flake and Decapsulated Brine Shrimp Eggs. The fry grow quickly with a good feeding and water change regimen.

I really like this fish, what I don't understand is why they aren't more popular in the hobby. They fit the criteria to be a very popular fish, colorful, active, not overly aggressive, and easy to keep. I'm glad I took the chance on them when I ran across them at an auction. Sometimes you win!

C.A.R.E.S. CORNER

GVAC C.A.R.E.S. List (as of 12/31/14)

Bitterling, Curt:
Skiffia lermac

Burke, Heather:
Botia sidthimunki
Tilapia synderae

Carpenter, Chris:
Pelvicachromis
sacrimontis
Pytochromis sp. Salmon
Hippo Point
Haplochromis
thereuterion
Psammochromis
riponianum "Entebbe,
Uganda"

Hartman, Pat:
Ameca splendens - Rio
Teuchitlan, Mexico
Girardinichthys
multiradiatus-
SanMiguel Spring
Skiffia multipunctata-
Laos de Camecuaro,
Mex

Hightower, Kevin:
Hypancistrus sp. L333
Melanotaenia boesemani
rainbow
Melanotaenia lacustris
Glossolepis incisus
Pseudotropheus saulosi
Hypancistrus sp. L066

Hosteter, Steve:
Xiphophorus couchianus

Kalafut, Andrew:
Glossolepis wanamensis
Melanotaenia lacustris
Melanotaenia boesemani

Klinesteker, Chase:
Characodon audax

Kraker, Dan:
Pseudotropheus saulosi
Neochromis
omnicaeruleus

Maxson, Eric:
Pseudotropheus saulosi

Monje, Michael:
Xiphophorus couchianus
Zoogoneticus tequila
Placidochromis sp.
"Phenochilus Tanzania"

Morris, Randy:
Glossolepis wanamensis
Glossolepis incisus
Melanotaenia lacustris
Melanotaenia boesemani

Persenaire, Adam:
Pseudotropheus saulosi
Xystichromis
phytophagus

Sarns, Justin:
Haplochromis sp. Kenya
Gold
Paralabidochromis
chromogynos "Zue
Island"

Paralabidoiochromis sp.
red fin piebald
Platytaeniodus sp. "red
tail sheller"
Pseudotropheus saulosi
Ptychromis sp. salmon
"Hippo Point"
Neochromis
omnicaeruleus makobe I
Xystichromis
phytophagus
Pundamilia sp. "blue
bar" Hippo Point
Yssichromis sp. "blue
tipped"
Astatotilapia aenocolor

Voodre, Kory:
Haplochromis sp. "red
tailed sheller"
Neochromis greenwoodi
Neochromis
omnicaeruleus

Westra, Cyndi:
Neochromis greenwoodi
Neochromis
omnicaeruleus "
Xystichromis
phytophagus
"Christmas Fulu"
Astatotilapia latifasciata
Pseudotropheus saulosi

Neochromis
omnicaeruleus
makobe II
Cyrtocara moori

**Please contact Cyndi with
any corrections*



To view the species list, go to
www.carespreservation.com
and select tab "Priority List". To register a species and
receive a blank form or ask questions, email Cyndi,
GVAC C.A.R.E.S. Coordinator at
ccyndiw@yahoo.com

BOWL SHOW RESULTS

February: Meeting Cancelled

March:

Livebearers other than Guppies:

1st Nikki Westra
2nd Patrick Miller
3rd Meghan Westra

Killifish: No Entries

Upcoming Bowl Shows:

April: African Cichlids larger than 4"SL
Favorite Fish
May: Catfish other than sucker-mouth catfish
Rainbow fish and Blue Eyes
June: Guppies
Goldfish/Koi
August: Angels, Discus & Uaru
Characins
September: Anabantids other than Bettas
Favorite Fish
October: African Cichlids smaller than 4"SL
Sucker-mouth catfish
November: Central & South American Cichlids
smaller than 4"SL
Favorite Fish



*Photo by Shealyn Sarns
Bowl Show, March 2015*



GRAND VALLEY AQUARIUM CLUB

P.O. Box 325
Grandville, MI 49418
Address correction required

GRAND VALLEY AQUARIUM CLUB

Meetings are held on the second Saturday of every month at 7 PM (See inside for detailed schedule).

NEW MEETING LOCATION:

Home School Building Gym
5625 Burlingame Ave SW
Wyoming, MI 49509

MEMBERSHIP BENEFITS:

GVAC Apparel

Store Discounts at Blue Fish Aquarium*

- 10% off livestock
- 20% off bulk food (does not include 5 lb boxes)
- Club Nights - Tuesday & Wednesday
- 20% off livestock

****Must show GVAC membership card to receive discounts.***

NEW GVAC APPAREL!

New Design along with **New Items** available!

- T-shirts
- Jackets
- Hats
- Coolers
- ...and more!

Order forms available at club meetings, see Andrew and Heather Kalafut to order.

IN THIS ISSUE...

- We're going digital!
- New Website
- The Origins of GVAC
- 2015 Budget
- C.A.R.E.S. List
- Bowl Show Results
- ...and more!

