

TANK

DECEMBER 2016
VOLUME 45, ISSUE 10

TALES

Open Mic Time

Presentations by ACLC Members

December 17th at 1:00—Bird-in-Hand Fire Company

Observations & Experiences

LAMPROLOGUS

WERNERI

ALAN ROLLINGS

CYPHOTILAPIA

FRONTOSA

KLAUS STEINHAUS

The Traveling Aquarist
Aquarium of the
Pacific

JOEL ANTKOWIAK

THE OFFICIAL PUBLICATION OF THE AQUARIUM CLUB OF LANCASTER COUNTY, INC.

TANK TALES™



ON THE COVER:

Neocaridina davidi on the march to dinner by Gary Haas

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PRESIDENTS' MESSAGES



My second run as President was again, a fun year. I want to thank everyone who dedicated their time and talent to the club in 2016, especially those who made the Keystone Klash such a successful event. I look forward to enjoying our meetings from the stands, so to speak, and I'm happy to leave the reigns in Alan's good hands.

Thanks,
Jack

From the President-Elect...

The month of November saw a number of important elections, the National ones for President and the Congress, and local fish club elections. Our ACLC elections saw 3 of our existing board continue in their roles, and our soon to be Past President, Jack Lafayette, take on the responsibilities of Membership Secretary. The members that were in attendance at the November meeting in their collective wisdom voted me in to the role of Club President.

Our club has had an interesting 12 months, and a couple of highlights were the winning of the bragging rights for the Keystone Clash, and more importantly the presentation of a handsome check to the Manchester school under our ALEF initiative.

We need to be more active collectively, and I and the rest of board actively encourage our membership to come to us with ideas of how we can make our influence more noticeable in the region.

Once again we have been invited by our sister club to join them in 2017's Keystone Clash. I would appreciate as many volunteers as we can muster to provide help and guidance to the venture. My real hope is that members who have not felt confident in the past to step forward. If you think you can help in some way then you can, you just need to let either Kurt or me know and we will put you to work. Let us show the fish world we not only have the best fish keepers in the region but the best club community. And, let us give old timers like Joel a year off.



Thanks

ALAN

EDITOR'S NOTES

ACLC Members,

To everyone who responded to our cry for articles and photos, THANK YOU! We did receive 3 articles that are published in this issue and some great photos! Some of those photographs are in the issue and a few are being hoarded by your editors for future use. I will assume that those of you that did not send us anything are just waiting to start 2017 off with a bang! Right? I hope so! I think that over the past few years both Tim and I have heard all of you talk about fish, so know just take those words and put them on paper (electronic paper, of course). No article is too small or too large. We can check spelling and grammar for you and even reformat it. We can edit both articles and photos if necessary so, now that we have eliminated all the difficult barriers, all we need is YOU!

It's your Club, Your Tank Tales!

Thank you

Tim & Kurt

Send all communications for Tank Tales to editor@aclcpa.org

Deadline for January Tank Tales is January 4th!

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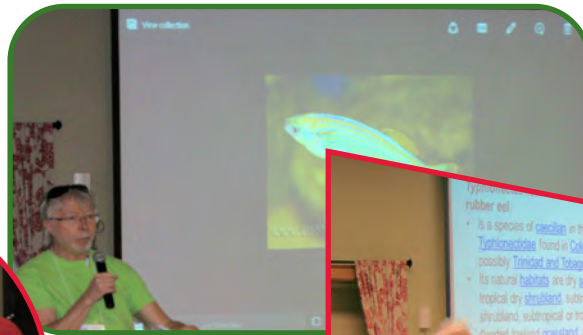
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M-T 8AM-6PM, W-TH 8AM-5PM, FRI 8AM-12PM

DECEMBER PROGRAM



This month is our Annual Member's Presentation Meeting. Come celebrate a great 2016 and the upcoming Holidays. Members and guests will have the opportunity to spend a few minutes talking about their fish, plants, tanks and methods. BAP participants can earn some extra bonus points by talking about the way they spawned the fish they submitted for BAP points. We already have several great presentations planned so don't miss it.



Time & Place

Saturday, December 17th
at
1:00 PM

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SF15AS170101

MUTLU YILLAR!
Happy Holidays!
Joyeuses fêtes!
Frohe Feiertage!

God ferie!

إجازة سعيدة!

节日快乐!

Kalés martés!

時候の挨拶を申し上げます。

!חג שמח

Auguri!

С праздником!

¡Felices Fiestas!
God Helg!

ABOUT THE ACLC™

Established in 1972, the Aquarium Club of Lancaster County is dedicated to further the study of all forms of aquatic life, to promote interest, exchange ideas, distribute information concerning the aquarium hobby and to encourage the breeding and display of aquatic life. The ACLC is an affiliated member of the Northeast Council of Aquarium Societies, Federation of American Aquarium Societies, International Guppy Education & Exhibition Society and the C.A.R.E.S. Preservation Program. The ACLC also actively supports and encourages our members to join the American Cichlid Association, American Livebearer Association, American Killifish Association and any other International, National, Regional or Local Club and Societies. In 2015 we hosted the American Livebearer Association Convention and in 2016 established the Aquatic Life Education Fund.

The ACLC is scheduled to meet on the third Saturday of each month (except July and August) at the Hand-in-Hand Fire co., 313 Enterprise Drive, Bird-in-Hand, PA 17505. Meetings begin at 1:00 PM unless otherwise noted. Meetings usually are comprised of a program featuring a guest speaker, raffle and door prizes and a mini fish auction, with a period allowed for mingling and refreshments. The philosophy of the club is such that our activities are interesting to both the novice and advanced hobbyist alike. An effort is made to keep business to a minimum at the general meetings, with the board of directors meeting being held quarterly at a pre-established date and time.

DATE: / /

AQUARIUM CLUB OF LANCASTER COUNTY - MEMBERSHIP APPLICATION

Individual: \$18 – Secondary: \$12 – Family: \$35 – Junior: \$6 (under 18)

Secondary members must reside at the same address and do not receive an additional newsletter. Membership is effective the month you join. Renewals are due the following year of the last day of the month you joined. Make checks payable to: Aquarium Club of Lancaster County. Mail to: ACLC Membership Chair, 590 Centerville Rd. #318, Lancaster PA 17601

Do you want your phone number and email address published? Yes () No ()

MEMBERSHIP TYPE: () NEW () RENEWAL **for** () Individual () Secondary () Family () Junior

NAME(S): _____

ADDRESS: _____ City: _____

STATE _____ ZIP _____ PHONE: _____ EMAIL: _____

Signature of Parent or Guardian if under 18 years: _____

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

OFFICERS, DIRECTORS & CHAIRPERSONS

OFFICERS

President	Jack Lafayette	president@aclcpa.org
Vice President	Michael Buchma	vicepresident@aclcpa.org
Treasurer	Tim Brady	treasurer@aclcpa.org
Secretary	Gary Haas	secretary@aclcpa.org
Past President	Kurt Johnston	pastpresident@aclcpa.org

DIRECTORS

Public Relations	Mike Mull	publicrelations@aclcpa.org
Programs	<i>Vacant</i>	
Financial	<i>Vacant</i>	

CHAIRPERSONS

Auction	Danny Corman	auction@aclcpa.org
Annual Event	Joel Antkowiak	
Audit	<i>Vacant</i>	audit@aclcpa.org
BAP	Gary Haas	bap@aclcpa.org
CARES	Gary Haas	cares@aclcpa.org
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Social	Tim Brady	social@aclcpa.org
Speaker Coordinator	Alan Rollings	
WAAP	Joel Antkowiak	waap@aclcpa.org
Webmaster	Kurt Johnston	webmaster@aclcpa.org



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ACLC SPEAKER SCHEDULE

December 17th

ACLC Member Open Mic

Get involved in your club!



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2017

January 21st—Peach Reid

February 18th—Greg Steeves

March 18th—Jason Phoomahal

April 8th * - Leslie Dick

May 20th—Scott Maurer

June 17th— Mike Szimugala

More Details to Come!

****April's meeting is the 2nd Saturday of the Month***

PROPOSED BYLAW CHANGE

The Aquarium Club of Lancaster County’s Board of Directors has proposed a change to the current Bylaws. The change will be voted on at the next general meeting on December 17, 2016 at 1:00PM at the Bird-in-Hand Fire Company. All members of the Aquarium Club of Lancaster County are eligible and encouraged to vote. Changes are outlined below.

Current Bylaw 4—Section I

Bylaw 4

SECTION 1²

Directors and Chairpersons

The following table demonstrates the relationship between Directors and Current Committee Chairs. Directors are a voting member of the Board of Directors and cannot be an elected member of the Executive Board.

DIRECTORS	COMMITTEE CHAIR
Program Director	BAP Chair WAAP Chair ACLCL C.A.R.E.S. Coordinator Bowl Show Chair HAP Chair
Public Relations Director	Tank Tales Editor Exchange Editor Social Chair Webmaster Marketing Chair
Financial Director	Auction Chair Raffle Chair Sponsor Coordinator Membership Chair

The President, with the approval of the Executive Board shall appoint the committee chairpersons from the general membership and appoints a Director either from the committee chairs that report to that Director or another suitably qualified candidate from the general membership. Directors are responsible for reporting on activities of their reporting chairs at each meeting of the Board of Directors or as requested by a member of the Executive Board. The Chairs of the Audit Committee and the Nominating Committee are Independent of this structure and are appointed by and responsible to the Executive Board. Other committees may be formed as deemed necessary and will report to a Director based on the function of that committee.

Proposed Bylaw 4—Section I

Bylaw 4

SECTION 1²

Directors , Committees & Chairpersons

(Continued on page 12)

There will be a minimum of two (2) appointed Members-at-Large that will be voting members of the Board of Directors.

There shall be six (6) Standing Committees that will consist of the Chairpersons of the appropriate subcommittees.

The Standing committees and the current subcommittee chairpersons are as follows:

Programs Committee

Breeder Awards Program Chair
Writers & Artists Award Program Chair
Horticultural Award Program Chair
CARES Program Coordinator
Aquatic Life Education Fund Chair

Fund Raising Committee

Auction Chair
Raffle Chair
Special Events Chair
Sponsor Chair

Operations Committee

Speaker/Program Coordinator
Membership Chair
Social Chair
Equipment (Audio-Visual, IT) Chair

Public Relations Committee

Tank Tales Editor
Exchange Editor
Webmaster

Audit Committee

Nominating Committee

The President, with the approval of the Executive Board shall appoint the subcommittee chairpersons from the general membership and appoints a Member-at-Large either from the subcommittee chairs or another suitably qualified candidate from the general membership. Other subcommittees may be formed as deemed necessary and may become part of the committee that describes the subcommittee's function

HELP!

My Fundulopanchax scheeli are producing only infertile eggs!
If you have eggs or young of this fish to spare, I want some! See
me at a meeting, or email me at g_haas@comcast.net.

Thanks. Gary Haas

NorthEast Council of Aquarium Societies 42nd Annual Convention



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AQUATIC LIFE EDUCATION FUND

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

The program works as follows:

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

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

IMPORTANT !

The Aquarium Club of Lancaster County is currently looking for nominations for the 2017 recipient of the Aquatic Life Education Fund proceeds. If you know of any school that could benefit from this program please contact or have the school contact Kurt Johnston at ALEF@aclcpa.org.

AQUATIC LIFE EDUCATION FUND DECEMBER REPORT

We're Still Looking

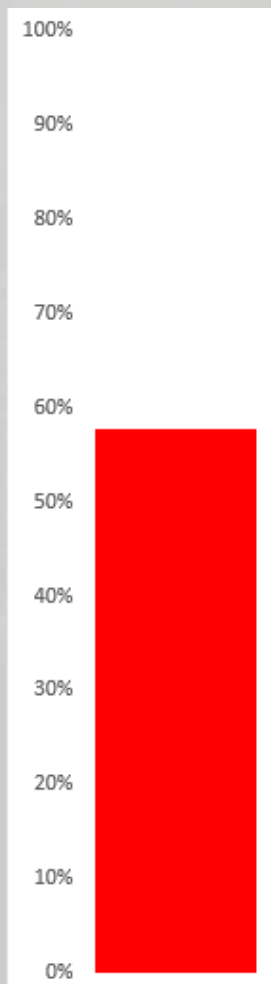
The ALEF had a great year in 2016 and we are well on our way to an even better 2017! But we need your help! We need to find a school to be the recipient of the ACLC members' generosity. If you are aware of any school that meets the requirements, please contact me at ALEF@aclcpa.org.



Thank you
Kurt Johnston
ALEF Chair

2017 Goal = \$600.00
Current = \$345.96

40.4%



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KLAUS STEINHAUS' interest in Cichlids began in the late 1960's and led to years of involvement with the German Cichlid Association, Durham Regional Aquarium Society, the American Cichlid Association and CARES Preservation. Klaus was a speaker at the ACLC in May of 2015 and has generously provided this article which was first published in the ACA Buntbarsch Bulletin #282—June 2014.



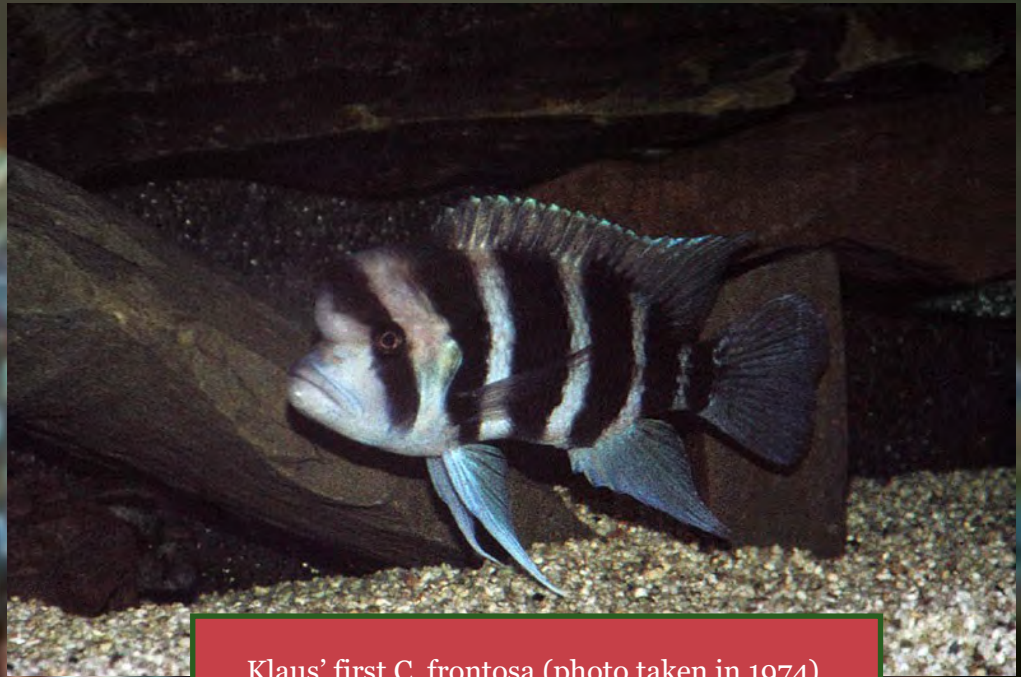
Klaus' website is <http://www.buntbarsch.ca/>

CYPHOTILAPIA FRONTOSA (BOULENGER, 1906)

A good number of years ago, in 1973 I got my very first look at a living *Cyphotilapia frontosa* and decided right then and there that nothing could stop me from having a group swimming in one of my tanks one day. I had seen them in books and read articles in magazines but actually seeing them was something completely different. In those years they were not very often in stores and the prices were quite astronomical.

However, being part of the *German Cichlid Association* had the advantage of having access to many *DCG* members that maintained these beauties already and it did not take very long for me to find somebody that was willing to part with one male and one females. Mid 1974 I finally was ready and found myself on the road to pick up my first *C. frontosa*.

(Continued on page 17)



Klaus' first *C. frontosa* (photo taken in 1974)

(Continued from page 16)

Arriving safely back home I placed them in the 125g tank I had prepared for them and felt like a little child on Christmas day. I was used to new fish disappearing in the rocks when they are placed into a new environment but I remember clearly that these guys seemed to be at home from the beginning and over the next few years I spent many hours in front of their tank and enjoyed their behavior.

Then in 1982 I had the chance to move to Canada and my complete fish room was sold. My priorities obviously changed and it took several years to finally have the time again and built a new fish room. I incorporated 24 tanks of different sizes to be able to maintain small and larger species. One 125g tank was decorated to hold a group of *Burundi frontosa*. I purchased a juvenile group of 10 and let them grow for a while in order to cut the



(Continued on page 18)

(Continued from page 17)

group later to 2 males and 4 females. My plan worked out perfectly and about a year later I had a nice breeding group. I enjoyed watching their calm behavior that had always drawn me to this species. I never noticed any injuries due to fighting and the females had lots of hiding places when a male started to chase her.



Cyphotilapia frontosa from Burundi

However, my sight was aimed at another species: *C. frontosa* from Kigoma, the seven striped *frontosa*. I had some difficulty at the time to locate some nice juvenile but finally found 5 at a friend who imports cichlids directly from Lake Tanganyika. The wild parents had actually spawned in his tanks. I always preferred to buy a group of juvenile and let them grow together. Especially species that like to live in groups like *Tropheus*, *Petrochromis* etc. It makes for a nice and harmonious group when they grow to adulthood. My little group was growing quite



Cyphotilapia frontosa (M) from Kigoma and Lepidiolamprologus kendalli (M)

nicely. No wonder since their dinner was better than mine some days. Shrimp, raw fish, mysis, earthworms and some veggie matter in the form of larger pellets. When the larger male was about 8 inches in length, I moved them to a 160g to accompany some *Lepidiolamprologus kendalli* that were about the same size and had the same dietary needs. It turned out that I had 2 males and 3 females which was exactly what I wanted. The alpha male had grown to over 12 inches at that time but the second male stayed about 2



inches behind. Everybody was getting along very nicely exactly as I was used too. However, the smaller male was not allowed to breed with any of the females. After another few months the alpha male had arrived at his maximum size of 14 inches and the smaller male started to catch up. I started to notice a rivalry between the two males



and then one afternoon the unthinkable happened. I was just going to feed them when

(Continued on page 19)

(Continued from page 18)

the fight began. My beautiful and “peaceful” *frontosa* started to fight each other like their life would depend on the outcome. I was extremely surprised about the power and aggression they displayed and watched with fascination. Obviously I grabbed my camera quickly to get some still shots and set up the video camera so I could prove that this really happened. The fight



went uninterrupted for the next 20 minutes before they split and went to their own side of the tank. Both were breathing extremely hard and I was a little concerned but a couple of hours later they appeared to be back to normal.

All seemed to fine again over the next few days but each male staid on his side of the tank. Even at feeding time I had to make sure that both got their share. The females were completely oblivious of the happenings around them and swam around the tank at will. Eventually the males started again to fight and I had no choice but to separate them. As long as the second male was smaller than the alpha male, all was well and there was no problem but the space was clearly not big enough to house two big males without territorial conflicts.

In 1980 I wrote an article for the *DCG – Info* to share my experience with this species at the time. Reading this article now I notice the emphasis on the calm and quiet behavior of *C. frontosa*. Even Ad Konings mentioned that *C. frontosa* “is quite lethargic and never seems to be in a hurry”.

Well, under normal circumstances that might true but in a 6 foot 160g tank things change. As



much as we would like it, true natural behavior can very seldom be observed in an environment that does not leave enough space for territorial inhabitants like *C. frontosa* or any other large cichlids for that matter.

Given large enough living quarters and a reasonable number of specimens, *C. frontosa* can be a focal point in every fish room

References:

Ad Konings:

Tanganyika Cichlids in their natural habitat,
1st Edition 1998, page 115-119

Klaus Steinhaus:

Verhalten und Pflege von Cyphotilapia frontosa,
DCG-Informationen, Nr.10, Oct. 1980, Page 187-190

PISCATORIAL PEARLS

“Reviewing Aquarium Society Newsletters from Around the World”

Happy Holidays to all of you!

The final voyage of 2016 starts in the Garden State with a trio of articles in the September 2016 issue of the [North Jersey Aquarium Society's Reporter](#). The first article is another in the series of Plant of the Month by Alan DeVelasco that tells us about “[Cryptocoryne spiralis](#)” a real nice background plant. The second article titled “[Silver Angelfish are a Hardier Species than Black Angels. Bullcrappy!](#)” by Chuck Davis basically debunks a decades old myth about the tank raised *Pterophyllum scalare*. The final article in this issue is the latest in the Fish of the Month series by Dr. Paul Loiselle. “[Hyphessobrycon cf. pulchripinnis—Tangerine Tetra](#)” gives a very detailed description of this yet undescribed aquarium beauty.

A few hundred miles to the west and we stop in the Keystone State for 2 stories in the October 2016 edition of the [Greater Pittsburgh Aquarium Society's Finformation](#). The first story is titled “[Spawning a Killifish—Nothobranchius palmqvisti](#)” by Joe Doyle. Joe give a very good description of his success spawning this beautiful annual killifish from Africa. The second story in this edition is titled “[Training the Robots—Auto water changing systems – The Why](#)” by Jonathan Raviotta. In this story, Jonathan discusses all the advantages of water changes based on amount and frequency.

Our next stop this month is north of the border for 2 articles in the November 2016 issue of the [Kitchener-Waterloo Aquarium Society's Fins & Tales](#). The first article is by Karen Murray and is a short description of how she set up and maintains her “[Mini-Paludarium](#)”. A brief letter of encouragement from Terry Clements is the second article in which Terry wants to get us to consider “[Keeping Victorians](#)”.

Back to the midwest, we head to the Show-Me State for 5 stories in the November/December 2016 issue of the [Missouri Aquarium Society's](#) publication, **The**

Darter. The first story in this edition is part 2 of the Fish Room Efficiency series by Jack Heller titled “[Three Great Fish Foods](#)”. Jack tells us how he prepares and harvests what he considers his keys to successful breeding. Next we have a great story titled “[Spawning Bob and Mathilda](#)” by Debbie

Sultan that describes Debbie's experience with breeding a beautiful pair of *Astronotus ocellatus*. Next we have a story titled “[Small self-contained tank systems](#)” by Kathy Deutsch that answers the question whether they are a great gift or pain in the rear. The next story marks the return of a column from the 1990's by Mike Hellweg titled *Minifins*. This month's entry is “[Gymnocorymbus ternetzi—The Black Tetra](#)” that is a very descriptive story about this long time hobby favorite. Chuck Bremer wrote the final story in this edition titled “[2](#)

[Little Grey Ditch Fish](#)” that tells us all about Chuck's experience with *Skiffia multipunctate* and *Girardinichthys multiradiatus*.

We conclude this month with an article in the November 2016 issue of the [Tampa Bay Aquarium Society's The Filter](#). This article is titled “Aquatic Chemistry Terms Explained” by Joe Gargas is a great follow up to Joe's program that he presented at ACLC in October 2015.

See you on the 17th!



Kurt Johnston – Exchange Editor
exchange@aclcpa.org

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IMPORTANT

If you see an article that you would like a copy of, just click on the article title. It will generate an email for you to send to the ACLC Exchange Editor, requesting a copy. If you would like to visit the website of the Club that publishes the newsletter, just click on the club name. If you have any questions contact the ACLC Exchange Editor at exchange@aclcpa.org

A.K.A. Convention 2017

May 26th – 28th

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Jan Willem Hoetmer
The Netherlands
Collecting and Raising Killifish



Ron Harlan
Collecting Killifish in Bolivia



Dalton Nielsen
Brazil
Collecting and Maintaining
the Killifish of Brazil



Jack Heller
Rainy Season Collecting Trip
to the Peruvian Amazon



Richard Pierce
Killifish of Madagascar

Also:

A Huge Fish Show with killifish from all over the world

Saturday Morning Killifish Sale

Saturday Evening Banquet and Awards Program

Giant Sunday Auction with hundreds of pairs of killifish
available including many rare and seldom seen species



For more information email: convention@aka.org,
watch our web site or follow us on Facebook

www.aka.org

WRITER'S & ARTIST'S AWARD PROGRAM

Well, this thing is real close this year. To keep things interesting, and since this won't be printed until the final submissions for 2016 have been published, I am not updating the standings. Let's keep a little mystery in this thing. We have 4 serious contenders this year, or at least that is what it looks like right now. Maybe someone else will make a last minute run.

SUSPENSE! OOOOH!

Can you handle it?

~ Joel Antkowiak
WAAP Chair

2016 MIGHTY FIN STANDINGS

STANDINGS THROUGH OCTOBER 31, 2016

Kurt Johnston	140 points
Alan Rollings	135 points
Karen Haas	120 points
Joel Antkowiak	105 points
Michael Buchma	40 points
Bob Kulesa	30 points
Paul Tangredi	30 points
Charles Vickery	30 points
Gary Haas	15 points



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WRITER'S & ARTIST'S AWARD PROGRAM

Participant	Total Pts	Base Pts	Bonus Pts	Reprints (Articles/Photos)	Special Awards
-------------	-----------	----------	-----------	----------------------------	----------------

Ultimate Writer Award

Joel Antkowiak	2730	1975	755	5/0	Fishy Photographer Popular Fish Head Writing Breeder
----------------	------	------	-----	-----	--

Pen & Quill Award (No Current Qualifying Participant)

Wordsmith Award

Kurt Johnston *	1685	1400	285	1/0	
Bob Kulesa	720	500	220		
Scott McLaughlin	575	480	95	1/0	Fishy Photographer
Karen Haas	593	473	120	2/0	Fishy Photographer

Author's Award

Gary Haas	455	400	55	2/0	Fishy Photographer
Alan Rollings	378	333	45		

Writer's Award

Richard Bressler	190	70	120		
Lonny Langione	170	100	70	2/0	
Joseph Pacheco	100	50	50		
Michael Buchma	95	65	30		

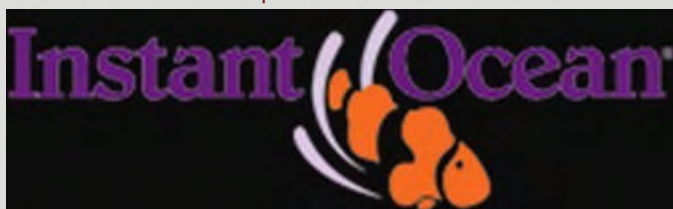
Other Participants

Brandon Moyer	40	40	0		
Lindsey Moyer	40	40	0		
Sheila Garl	30	30	0		
Charles Vickery	30	30	0		
Ellen Haas	10	10	0		

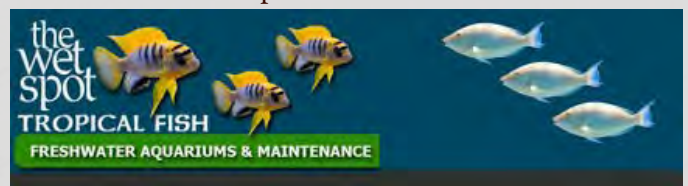
*- indicates that participant has enough points to qualify for the next higher award but, needs to complete one or more requirements to qualify

Participants who are no longer ACLC members are not on the list but, their records are maintained.

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C.A.R.E.S. REGISTRATION

December 2016 CARES Report

Zero to report this month. I know there were a bunch of CARES fish in the auction, they had CARES tags on them. But if you don't sign those tags on the back and turn them in to me or leave them in the CARES carton near the name tag turn-in, you don't get credit for them. Not only that, but the aquarist you bought them from doesn't get credit for distributing them.



Now I don't mean to be a nag, but how is a rich rare fish connoisseur, willing to offer a fortune for a mate for his *Latimeria menadoensis*, (and you KNOW he won't be able to find it in the wild), going to know that you have the fish he has been combing the ends of the earth for, in your very own fish room, if you don't register it with ACLC CARES? (Diagram THAT sentence!)

See you next meeting. Gimme them tags. Nuf said.

~Gary Haas
ACLC CARES Coordinator

JOEL ANTKOWIAK

Tanichthys micagemmae	● ● ● ● ●	5
Ameca splendens	● ● ● ● ●	5
Tanichthys albonubes	● ● ● ● ●	4
Puntius denisoni	● ● ● ● ●	4
Pseudotropheus saulosi	● ● ● ● ●	3
Prognathochromis perrieri	● ● ● ● ●	3
Pseudotropheus demasoni	● ● ● ● ●	3
Puntius titteya	● ● ● ● ●	2

JOEL ANTKOWIAK (CONT'D)









Pachypanchax sparksorum	● ● ● ● ●	2
Neotoca (Skiffia) multipunctata	● ● ● ● ●	2
Coptodon snyderae	● ● ● ● ●	2
Ataeniobius toweri	● ● ● ● ●	2
Fundulopanchax amieti	● ● ● ● ●	2
Coptodon bythobates	● ● ● ● ●	2
Xenotaenia resolonae	● ● ● ● ●	2
Pachypanchax patriciae	● ● ● ● ●	2
Rivulus uroflammeus	● ● ● ● ●	2
Melanotaenia boesemani	● ● ● ● ●	2
Melanotaenia eachamensis	● ● ● ● ●	2
Cryptoheros myrnae	● ● ● ● ●	1
Bedotia geayi	● ● ● ● ●	1
Xiphophorus malinche	● ● ● ● ●	1
Zoogeneticus tequila	● ● ● ● ●	1
Melanotaenia parva	● ● ● ● ●	1
Chilatherina sentaniensis	● ● ● ● ●	1
Paretroplus maculatus	● ● ● ● ●	1
Enigmatochromis lucanusi	● ● ● ● ●	1
Chapalichthys peraticus	● ● ● ● ●	1
Nothobranchius kilomberoensis	● ● ● ● ●	1
Neotoca bilineata	● ● ● ● ●	1
Cryptoheros septemfasciatus	● ● ● ● ●	1
Characodon lateralis	● ● ● ● ●	1
Pelvicachromis silviae	● ● ● ● ●	1
Xenotoca melanosome	● ● ● ● ●	1
Skiffia francesae	● ● ● ● ●	1

C.A.R.E.S. REGISTRATION











STEVE ARNOLD

Tanichthys micagemmae     5

BARRY BIXLER

Tanichthys albonubes    
 Ameca splendens    

GARY BOYER

Xystichromis sp. 'Kyoga
flameback'     1
 Cryptoheros nanoluteus     1
 Pundamilia nyererei     1
 Ataeniobius toweri    
 Ilyodon whitei    

TIM BRADY


Xenotica eiseni     3
 Zoogeneticus tequila    
 Ameca splendens     1

RICH BRESSLER


Melanotaenia lacustris     4
 Tanichthys micagemmae     4
 Bedotia geayi     2
 Zoogeneticus tequila     2
 Ataeniobius toweri     2
 Xiphophorus malinche     2
 Glossolepsis incisus     2
 Melanotaenia boesemani     1
 Nothobranchius     1
 Chapalichthys peraticus    
 Characodon audax    
 Fundulopanchax sjoestedti    
 Girardinichthys multiradiatus    


SYMBOL KEY

The Gold Seal  , designates that species is registered in ACLC CARES





The Green Seal  , designates that a spawning report has been published in Tank Tales.

The Blue Seal  , designates that species has been distributed and registered within the ACLC

The Red Seal  , designates that species has been distributed and registered in another clubs' CARES program.

Longevity Seal  , indicates the number of years the member has maintained the species.

PAUL BRICKNELL

Ilyodon whitei (lennoni)    
 Zoogeneticus tequila    
 Ameca splendens    
 Ataeniobius toweri    

C.A.R.E.S. REGISTRATION

JOHN & NATALIE DICKEL

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

JAYSON GARD

Chapalichthys encaustus	●				1
Tanichthys micagemmae	●				1
Enigmatochromis lucanusi	●		●		1

GARY HAAS

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

KAREN HAAS & ALAN ROLLINGS

Synodontis brichardi	●				2
Glossolepis incisus	●				2
Chapalichthys encaustus	●		●		2
Cryptoheros nanoluteus	●				1
Xystochromis sp. "Kyoga Flameback"	●		●		1
Cryptoheros nanoluteus	●		●		1
Characodon lateralis "Los Berros"	●				1
Ilyodon whitei	●		●		1
Ataeniobius toweri	●				1
Pundamilia nyererei	●		●		1
Ameca splendens	●		●		1
Xystochromis phytophagus	●				3
Fundulopanchax sjoestedti	●				

LISA HOEBNER

Xystichromis sp. "Kyoga flameback"	●				
Enterochromis paripus	●				

TONY KLINE

Tanichthys albonubes	●				3
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CLAIR KLINEDINST

Fundulopanchax amieti	●				2
Tanichthys albonubes	●				2
Tanichthys micagemmae	●				2
Fundulopanchax sjoestedti	●				
Chapalichthys encaustus	●				



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C.A.R.E.S. REGISTRATION

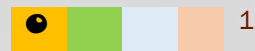
BOB KULESA

Pundamilia nyererei
'Ruti Island'



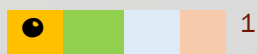
DAVE TANGREDI

Ameca splendens



JULIE LOVELL

Melantaenia boesemani



PAUL TANGREDI

Melanotaenia lacustris



WHAT IS THE C.A.R.E.S. PROGRAM ?

Founded in 2004 by hobbyist and conservationist Claudia Dickinson, the **C.A.R.E.S. (Conservation, Awareness, Recognition and Responsibility, Encouragement, Sharing and Support)** Preservation Program is based on the critical and timely significance of Conservation, our Awareness, as hobbyists, of the issues involved, the public Recognition of members, our Responsibilities as fish keepers, member Encouragement, Sharing of fish and data, and Support for those who take part in playing a vital role in ensuring a positive future for species-at-risk.

The purpose of the **C.A.R.E.S.** Preservation Program is to encourage hobbyists worldwide to devote tank space to one or more species-at-risk, while forming an information network between aquarists, scientists, and conservationists. The **C.A.R.E.S.** Preservation Program may be implemented by societies, educational institutions, and independent aquarium retailers, as all are encouraged and welcome to participate. Whatever one's level of expertise, there is a fish for you. Please plan to begin with a species that you are most comfortable working with, and a support team will be ready to assist, guide, and counsel you as needed.

The foundation for any program relies on the strength in its roots, which results in a solid base for growth and enrichment as we move into the future. For the hobbyist, the **C.A.R.E.S.** Preservation Program is intrinsic as the aquarium hobby does, in fact, truly care. The **C.A.R.E.S.** Preservation Program has four major objectives:

- 1) to bring **AWARENESS** to the critical situation of fish in nature, while educating and stressing the importance of our roles as **RESPONSIBLE** aquarists;
- 2) to **RECOGNIZE, ENCOURAGE**, and offer **SUPPORT** to hobbyists who maintain species-at-risk;
- 3) to **SHARE** fish as well as data and experiences through notes, graphing, and manuscripts so that others may learn to maintain those identical, and similar species; and
- 4) to **PRESERVE** species-at-risk for future generations.

OBSERVATIONS & EXPERIENCES WITH LAMPROLOGUS WERNERI (POLL 1959)



ALAN ROLLINGS has been involved with cichlids and the aquarium hobby for many years and is beginning a new adventure as the 2017 President of the Aquarium Club of Lancaster County.

Recently I have noticed a couple of riverine West African cichlids in a few of the local fish stores we have visited on our frequent shop hops. Some of these have been 3 very similar looking species from what we would immediately considered the same area for the Congo River. These are *Lamprologus weneri* , *Lamprologus congoensis*, and *Lamprologus mocquordi*. This article is specifically covering my experiences with *Lamprologus weneri*, the others I shall cover in their own articles and do a comparison to try to tease out the slight visual differences between the 3 species.

Location/Collection point

Lamprologus weneri are an endemic species from the Zaire River (Congo River) at Gombe or Ngombe, about 20 km W of Kinshasa. The

(Continued on page 29)

(Continued from page 28)

species thrive in high oxygenated fast moving water that is provided by the rapids in the mainstream near Malebo Pool (formerly known as Stanley Pool) in Zaire. In their natural habitat they roam over a sandy substrate littered with rocks of varying shapes and sizes, and hide and breed among these scattered rocks on the river bottom.

Care

In the waters of Malebo Pool *Lamprologus weneri* lives in what we would describe as “hard alkaline” with temperatures ranging from 76F-82F degrees, however, it is known that they will tolerate slight variations above and below this range for short periods.

As the natural habitat tends to suggest *Lamprologus weneri* likes a varying biotope of sandy through to rocky habitat. The fish occupy the naturally occurring caves and crevices. These options need to be provided within the home aquarium to support their sense of security along with the increased chance of successfully spawning the species. The addition of clay pots, caves designed by the appropriate placing of rocks and slates along with flowerpots should be sufficient to mimic their home surrounds.

I have found that *L. weneri* do best when kept in groups of 6 or more in a 125 gallon plus aquarium. I was lucky enough to have a group of 5 adults (1 male and 4 or 5 females – initially it was 6 but the sub-dominant male succumbed to the constant harassing of the dominant male). They will do well in any tank that is 48 inches or more long. As a group of tank mates I opted for a group of 10 Congo tetras to cover the middle and upper water column.

Feeding

I have found that *Lamprologus weneri* fry can eat anything once they are over the first 7 days of free

(Continued on page 38)

HORTICULTURAL AWARD PROGRAM MONTHLY REPORT

PROPAGATOR OF THE YEAR

Bressler Family	17 species
Gary Haas	15 species
Alan Rollings	10 species
Scott Sommer	6 species
Clair Klinedinst	4 species
Charles Vickery	4 species
Joel Antkowiak	1 Species
Karen Haas	1 species

GARDENER OF THE YEAR

Gary Haas	270 points
Bressler Family	260 points
Alan Rollings	190 points
Scott Sommer	70 points
Clair Klinedinst	50 points
Charles Vickery	50 points
Karen Haas	20 points
Joel Antkowiak	10 points



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LIFETIME ACHIEVEMENT AWARDS

2 Star Gardener

Gary Haas
Bressler Family

1 Star Gardener

Gary Boyer
Alan Rollings

Novice Gardener

Charles Vickery
Clair Klinedinst
Scott Sommer
Karen Haas

NOTE: Since the HAP is barely one year in existence, no member has yet to achieve the top 5 categories of 3 star, Senior, Master, Grand Master and Supreme Grand Master Gardener,

HORTICULTURAL AWARD PROGRAM MONTHLY REPORT

SPECIES PROPAGATED—NOVEMBER 2016

GARY HAAS—50 TOTAL POINTS

Nymphaea stellate (Dwarf Water Lily)*	30 points
Taxiphyllum barbieri (Java Moss) *	10 points
Utricularia gibba (Bladderwort) *	10 points

BRESSLER FAMILY—40 TOTAL POINTS

Microsorium pteropus (Java Fern) *	20 points
Sagittaria subulata *	10 points
Riccia fluitans *	10 points

KAREN HAAS - 20 TOTAL POINTS

Anubias barteri var. nana *	20 points
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* indicates that plant was donated to club auction (2x points)
 + indicates plant was donated & article submitted to Tank Tales
 # donation points only—plant was registered earlier

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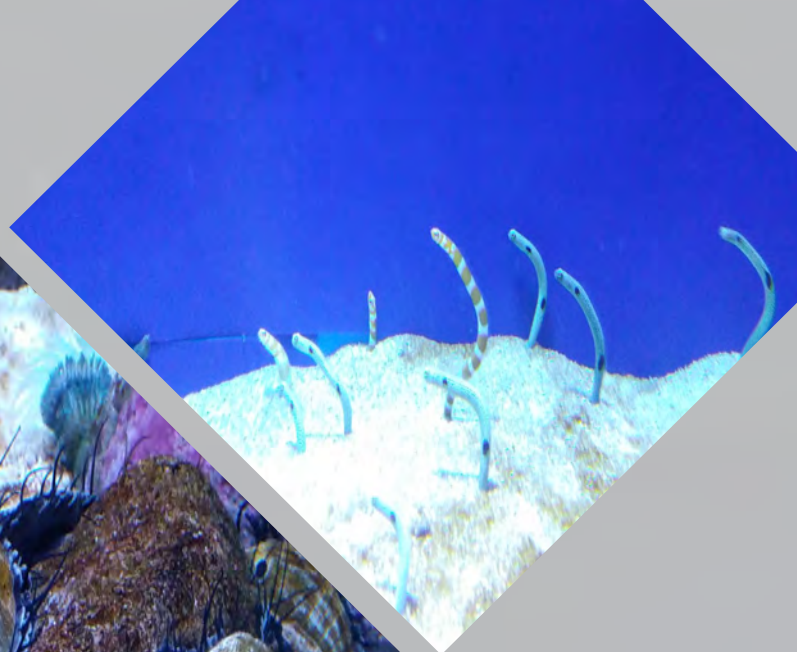


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THE TRAVELING AQUARIST: THE AQUARIUM OF THE PACIFIC

by Joel Antkowiak

This past summer we decided to take our family vacation to southern California. We flew into LAX, got our rental car and we were off. Of course, the obvious destination for a family with a youngster is Disneyland. We also visited its sister park, Disney’s California Adventure. But first we headed south for a couple days in San Diego to visit Sea World (which does not compare to the Florida version, but that is perhaps a story for another day). We also planned a whale watching excursion during which we saw an entire pod of dolphins – there must have been three or

four hundred swarming around our boat. But I always get

our to pick a



(Continued on page 33)

(Continued from page 32)

day for me, and on this trip it was the Aquarium of the Pacific. We would head to Long Beach as part of our return trip to Anaheim.

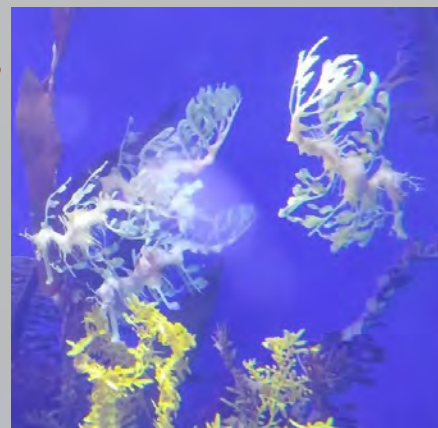


This particular public aquarium is well worth the visit. On our approach, first impressions were of a clean, friendly facility. After purchasing our tickets and entering, the first thing you notice is a giant whale suspended in the lobby. You really can't miss it. But this immediate feeling of awe lingers while you stroll through the various exhibits of this facility. It is truly one of the best kept public aquaria that I have seen, and I have seen quite a few, both great and small.



As the banner suggests, there is an entire exhibit dedicated to sea horses and sea dragons. It is perhaps the largest such exhibit I have seen on display anywhere. There are approximately 20 tanks housing various species of sea dragons and sea horses. As these species are sensitive to light flashes, signs abound asking attendees not to use flash photography. I was equipped only with my

cell phone camera, but was able to take a decent shot or two in the exhibit.



Most public aquaria also have a tank or two with jelly fish in them.

There were probably about 10 tanks exhibiting various species of these squishy beings. We did not, however, witness any clownfish or blue tangs bouncing from hood to hood "takin' on the jellies".

Of course there were all sorts of other aquatic creatures on exhibit at this aquarium – lionfish, angelfish, triggers, etc. And the requisite sea otters, dolphins, sharks and rays –

complete with touch tank. One of the most interesting exhibits is "Vanishing Animals", which focuses on endangered species and seeks to educate people on the problems that these species face.

From the Aquarium of the Pacific website: "Human activity has had a dramatic impact on global biodiversity. To help prevent plant and animal extinctions, it is important for people to be educated about the status of endangered species, particularly in their local area where they are likely to have the most impact.



The exhibit has an Amazon section that

(Continued on page 39)

BREEDER AWARD PROGRAM

MONTHLY REPORT

BAP NEWS AS OF NOVEMBER 30, 2016

Not much action in BAP this month, but more big BAP news. The Bressler breeding operation reported the only spawns of the month, a beautiful South American annual killifish and a Goodeid. But the big news is, the Goodeid was his 24th livebearer, making Rich and family an Expert Specialist Breeder of Class I (Livebearers). This follows close on the heels of Joel Antkowiak becoming the club's first ever Expert Specialist Breeder, which happened last month. The club now has TWO Expert Specialist Breeders in its ranks.

Who will be next?

In other news, Karen Haas and Alan Rollings are leading the competition for the Breeder of the Year award, in both the Points and Species Bred categories. The Bresslers are in second, and Danny Corman and I are far behind, duking it out for third-place honors. (Not that there are trophies for us runners-up.) In the BAP Novice category, for breeders who began the year not having yet attained the One-Star Breeder status, the race is tied, between David Tangredi and Charles Vickery.

But the breeding season is not yet done! Points can yet be claimed at the December meeting in a number of ways. (Danny, don't read this!) First, register a spawning event that you have fry from, but haven't yet registered. You can do this online at aclcpa.org, or in person at the meeting. Second, you can donate fry from your spawning event to the auction. (Fry must be at least 1 month old). You COULD have gotten points for submitting an article to Tank Tales, but you have just missed the deadline for the last edition of 2016. (You can still claim Tank Tales points in 2017 for a 2016 spawn – just write that spawning report! Plus, writing an article gets you points in the Writers and Artists Award Program.)

But the BEST way to get some extra BAP points is to give a spawning presentation at the December meeting. This also counts for points. You don't have to do anything fancy, just talk about a fish that spawned for you, and how you got them to do it. (I'll even start the first sentence for you: "Well, I took these two fish and I put them in some water ...")

But you must act now, the window on BAP 2016 closes at the end of the December meeting.

~Gary Haas– BAP Chair

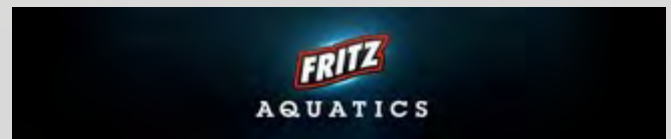
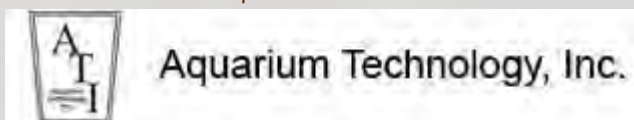
OCTOBER SPECIES BRED

BRESSLER FAMILY

Girardinichthys multiradiatus

Simpsonichthys santanae

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2016 BREEDER OF THE YEAR

Team Haas/Rollings	213 points
Bressler Family	178 points
Gary Haas	102 points
Danny Corman	99 points
Gary Boyer	71 points
Joel Antkowiak	53 points
David Tangredi	39 points
Charles Vickery	39 points
Clair Klinedinst	37 points
Julie Lovell	26 points
Glenn Davies	20 points

2016 SPECIES BRED

Team Haas/Rollings	15 Species
Bressler Family	11 Species
Danny Corman	7 species
Gary Haas	6 Species
Gary Boyer	5 Species
Joel Antkowiak	5 Species
Clair Klinedinst	4 Species
Charles Vickery	3 Species
David Tangredi	2 Species
Glenn Davies	2 Species
Julie Lovell	2 species

BAP LIFETIME ACHIEVEMENT AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

F. WAYNE CALENDER BREEDER

Bressler Family	1910 pts
Wayne Calender	1593 pts

GRAND MASTER BREEDER

Paul Bricknell	2003 pts
David Stephon	1120 pts
Pedro Sanchez	1050 pts

EXPERT BREEDER

Bob Kulesa*	812 pts
-------------	---------

ADVANCED BREEDER

Joel Antkowiak*	1278 pts
Haas/Rollings*	720 pts

3 STAR BREEDER

Gary Boyer*	662 pts
-------------	---------

2 STAR BREEDER

Gary Haas*	517 pts
Danny Corman*	498 pts
J/N Dickel	178 pts

1 STAR BREEDER

Gene Regener	245 pts
Clair Klinedinst	170 pts
Pat Kelly*	165 pts
Glenn Davies*	140 pts
Dave Frehafer	90 pts
Scott Shenk	70 pts
David Tangredi	67 pts
Tony Kline	60 pts
Robin Antkowiak	57 pts
Kurt Johnston	56 pts

OTHER PARTICIPANTS

Sam Jones	66 pts
Charles Vickery	39 pts
The Moyers	37 pts
Lonny Langione	35 pts
Julie Lovell	26 pts
Ashley Antkowiak	21 pts
Mackenzie Dalton	14 pts

**Breeder has enough points for next higher class award but needs to complete one or more classes to achieve the award.*

SPECIALIST BREEDER AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

CLASS 1—LIVEBEARERS

Paul Bricknell (A)	Wayne Calender
Bob Kulesa	Pedro Sanchez
David Stephon	Joel Antkowiak (X)
Bressler Family (X)	Gary Boyer (A)
J/N Dickel	Haas/Rollings (A)

CLASS 2—CATFISH

Wayne Calender	Bob Kulesa
Bressler Family	

CLASS 3—BARBS & MINNOWS

David Stephon	Paul Bricknell
Bressler Family	

CLASS 4—CHARACINS

Wayne Calender	David Stephon
Danny Corman	Bressler Family

CLASS 5—KILLIFISH

Bob Kulesa	Wayne Calender
Pedro Sanchez	Paul Bricknell (M)
Bressler Family	Gary Haas

CLASS 6—ANABANTOIDS

Bressler Family

CLASS 7—NEW WORLD CICHLIDS

Bob Kulesa	Pedro Sanchez
David Stephon	Bressler Family
Paul Bricknell	Haas/Rollings

CLASS 8—OLD WORLD CICHLIDS

Bob Kulesa	Joel Antkowiak
Bressler Family	Paul Bricknell
Gary Boyer	Haas/Rollings

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CLASS 9—RAINBOWS & BLUE-EYES

Bressler Family

CLASS 11—OTHER AQUATIC ANIMALS

Bob Kulesa	Joel Antkowiak
Bressler Family	Haas/Rollings
Paul Bricknell	Bressler Family

CLASS 12—U.S. NATIVE SPECIES

Wayne Calender	Paul Bricknell
Bressler Family	

CLASS 14—ALL OTHER FW FISH

Bressler Family

SPECIAL NOTES

(A) - Designates Advanced Breeder for that Class

(M) - Designates Master Breeder for that Class

(X) - Designates Expert Breeder for that Class



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BREEDER AWARD PROGRAM INFORMATION

All ACLC Members in good standing are eligible to participate in the breeders Award Program.

The purpose of the ACLC Breeders Award Program is to promote the keeping and breeding of tropical and marine fish and invertebrates, to recognize and motivate achievement in the hobby, to encourage the development of the skills and knowledge necessary to spawn more difficult species ,to support the CARES program by encouraging the spawning of species endangered in the wild, to share knowledge about breeding techniques and to publish accounts of spawning techniques.

Please use the form on this page to submit spawning reports or for a full copy of the BAP rules and an electronic form submission, go to our website at <http://aclcpa.org>

The Aquarium Club of Lancaster County - Spawning Report					
Member Name:		Member No. #:		Date:	
Scientific Name:					
Common Name:					
If this is a CARES eligible species, have you registered it in the CARES Program Y/N?					
Tank Tales Article Written Y/N ?			Fish Donated in Auction Y/N?		
Comments:					
Class:		Group:		Points:	
Confirmed by:				Date Confirmed:	

The Aquarium Club of Lancaster County - Spawning Report					
Member Name:		Member No. #:		Date:	
Scientific Name:					
Common Name:					
If this is a CARES eligible species, have you registered it in the CARES Program Y/N?					
Tank Tales Article Written Y/N ?			Fish Donated in Auction Y/N?		
Comments:					
Class:		Group:		Points:	
Confirmed by:				Date Confirmed:	

(Continued from page 29)

swimming. I started them out with a mix of newly hatched brine shrimp, microworms, and finely crushed commercially quality flake food. The fry progressed well with a daily regime of regular water changes (25-40%) and filter cleaning and the quality feeding that within weeks the fry will be large enough to accept whiteworms.

Adults will readily eat flake food, pellet food, adult brine shrimp, whiteworms, bloodworms and earthworms.

These foods do cause the fish to pass a lot of waste, and this demands frequent water changes, as much as 40-50% per week.

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Breeding

Many spawning reports for *Lamprologus weneri* suggest that they are harem spawners. They go on to state that adult fish do best when one male is housed in a tank with 4-6 females. My group set up fell in to this grouping by chance rather than by design. You can have more than one male but it is likely that smaller males will be harassed unless the tank foot print is large enough to



Lamprologus weneri male

provide sufficient defendable territories.

Coloration ranges from crème colored with gray barring to almost jet black when spawning and/or guarding eggs.

Each female should be provided with her own cave and/or flowerpot. Each female will produce approximately one spawn every five weeks consisting of anywhere from 200 to 300 eggs.

The easiest way to get the fry out of the breeding tank is to siphon them out after they are free swimming. If you would like to observe typical cichlid behavior, leave the fry in with the adults.

General

Lamprologus weneri was first identified in the late fifties and soon after brought into the United States. They are rather odd looking and have only been sparingly imported. They are nonetheless a very interesting fish. As you can see from the picture, these fish at first glance resemble other fish from the genus *Steatocranus* called the "Buffalo Head Cichlid". Upon further observation, the resemblance seems to fade. They also resemble another West African riverine fish called *Neolamprologus kinganga*. The main difference is the *Lamprologus weneri* has a more pronounced hump and the *N. kinganga* has a slightly more pointed head. Males will reach a size of 5 inches and females about 3-1/2 inches. Other similar species resembling *L. weneri* are *Lamprologus congoensis* (I am compiling a BAP report for *L. congoensis*) *L. tigripictilis*, and *L. mocquardi*.

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(Continued from page 33)

discusses Project Piaba, as well as a photo gallery that tells the stories of various species, both successful and not.

Another section of the aquarium provides information on watersheds and focuses on the San Pedro Bay Drainage Basin. The exhibit is surrounded by native plants that can be found in the San Pedro Bay coastal area. It also has a fully functional carbon neutral class room with a living roof!

Perhaps the most interesting exhibit (yes, there are a lot of exhibits here!) is based on the Southern California steelhead, which are related to salmon. These fish

spawn in freshwater and are essentially rainbow trout while living in freshwater, but some choose to migrate to the Pacific Ocean and here they develop into the steelhead. Of course, being salmon, they migrate back to the freshwater to spawn.

Are you still not convinced that you should visit this

place? Well, perhaps aquatic life isn't your thing. No worries, they have a lorikeet aviary too!



Maybe you prefer the best of both worlds.

Well certainly they have PENGUINS!!!!



What more could you ask for? If you have the opportunity to visit the Aquarium of the Pacific – GO! It is one of the best public aquaria around.

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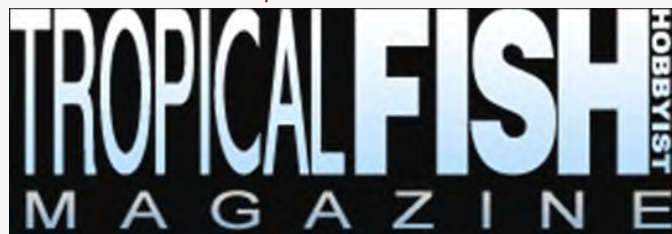


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10 Fair St
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**No Pre-registration: 1 red dot, 1 add'l dot per 10 bags, 50/50 split, 60/40 for 6 or more
*lots, please label your bags (see auction rules)**

*Acceptable lots will be determined by the auction committee

Food & Refreshments will be available

AUCTION HOURS:

REGISTRATION.....8:30 AM TO 11:15 AM

VIEWING OF GOODS.....10:00 AM TO 11:15 AM

AUCTION.....11:30 AM TO 5 PM

RAFFLE.....50 / 50

D.A.A.S. INVITES YOU TO ATTEND!

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See WWW.ALA2017.COM for Partial Fish List

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Cruisin' for Cichlids



ACA 2017

*Novi, MI
July 13th - July 17th*



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**AQUARIUM CLUB OF
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TO A SPECIAL PERFORMANCE OF



**THE
NUTCRACKER**

Presented by:

Laurel Dance Company

Special Performance for

Non Profit groups

When: Sunday December 18, 2016

Time: 2:30 PM

Where: Warwick High School Theatre

301 W. Orange Street

Lititz, PA, 17543

Come join us and make this a wonderful holiday tradition.

For reservation and ticket sales, please see Joel Antkowiak at the October 15 or November 19 meetings. The cost is just \$8 for members of non-profit organizations that are invited to participate in this showing. The regular price is \$20 if purchased on-line ahead of the show or \$25 at the door.

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T-shirts only \$20, Collar/polo shirts \$30

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June 22 thru 25, 2017

Early Bird Full Convention

Package: \$175 (after May 1 \$190)

- Workshops & Meetings
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- Friday Breakfast, Lunch, & Dinner
- Saturday Breakfast, Lunch & Banquet
- Sunday breakfast
- Hospitality Friday & Saturday
- T-shirt (\$10 extra for collar/ polo shirt)

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 Go ahead and **RESERVE** your rooms **NOW**. You can cancel up to 24 hours before arrival at no
 charge. The number to call is **407-351-3800**, everyone at the front desk should be able to
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Project
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Join the Project Piaba team for an experience of a lifetime!

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Cardinal Tetra (*Paracheirodon axelrodi*)

Project Piaba's mission is to increase the environmental, animal welfare and social sustainability of the Amazonian aquarium fish trade as well as the Amazon itself and its indigenous people.



- 40,000 people are impacted in the riverine communities in Barcelos (Amazonas state, Brazil) where the home aquarium fishery is the principal subsistence activity.
- The wild-caught fish of the Rio Negro are the first live animals to gain Geographic Indication Certification, like Champagne is to France.
- 46,000 square miles of preserved forest is in the Project Piaba study area.
- Approximately 80% of trade from the artisanal fishery is from a single species, the Cardinal Tetra (*Paracheirodon axelrodi*)

