

TANK TALES

OCTOBER 2016
VOLUME 45, ISSUE 8

Advances in the Reintroduction of
ZOOGENETICUS TEQUILA—Part 2

Toothy Tetras: From Tank Busters to Tiny Predators

Presented by Joseph Chiappetta III

October 15th at 1:00—Bird-in-Hand Fire Company

HAP Report

DUCKWEED

ALAN ROLLINGS

Travel Adventure

**FISH STORES IN
PITTSBURGH**

KAREN HAAS

Live Food Report

**SPAWNING THE
EARTWORM**

GARY HAAS

TANK TALES™



ON THE COVER:

One of Joseph Chiappetta's
"Toothy Tetras" photo by
Joseph Chiappetta III

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TABLE OF CONTENTS



PRESIDENT'S MESSAGE

JACK LAFAYETTE

3



EDITOR'S NOTES

KURT JOHNSTON

4



FISSION WORMS

GARY HAAS

14



CLASH SHOW RESULTS

16



AQUATIC LIFE EDUCATION FUND

KURT JOHNSTON

22



PISCATORIAL PEARLS

KURT JOHNSTON

24



FISH SHOPS IN PGH

KAREN HAAS

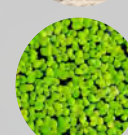
26



MONTHLY WAAP REPORT

JOEL ANTKOWIAK

28



DUCKWEED

ALAN ROLLINGS

30



MONTHLY CARES REPORT

GARY HAAS

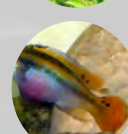
32



MONTHLY HAP REPORT

MICHAEL BUCHMA

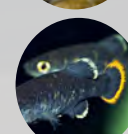
36



MONTHLY BAP REPORT

GARY HAAS

38



ZOOGENETICUS TEQUILA

UNIVERSIDAD MICHOACANA TEAM

42

PRESIDENT'S MESSAGE



Jack LaFayette

First and foremost, congratulations to us, the ACLC, for winning the Keystone Clash! We had a great showing of award-winning entries that secured our victory. Second, I'd like to thank everyone involved, from both our club and the Cichlid Club of York (and probably others). There were many people who contributed, and a few who contributed a whole bunch to planning, set-up, and execution that made the event as successful and fun as it was. The speakers were also a real treat, and I especially enjoyed the presentation on West African Aquariums by Ted Judy. Ugh, that's probably another two or three tanks I have to set up now.



On a completely unrelated topic, here are two DIY skills that I suggest you dabble in at some point in your fish career, if you haven't already. Feel free to ask me about either of them for more information. First, working with PVC. Gluing PVC is easier than you might think and quite

forgiving, considering how cheap the materials are. There are also a multitude of applications where upping your PVC game will come in super handy. Second is glass-drilling. Not as easy or forgiving as PVC, but the ability to drill and install a bulkhead in the sides of aquariums make a whole bunch of other DIY projects and set-ups possible. Combine these two skills and you can create a multi-aquarium central sump set-up like I have, on the cheap!

Jack

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EDITOR'S NOTES

We really have a great issue of Tank Tales this month with some really nice articles. The next few months should be great! Since June we have had 20 species of fish turned in for BAP and 11 species of plants for HAP. With only one article that I am aware of being turned in for these fish and plants, that means there are a lot of points being left on the table ! Remember , just a short, descriptive article about the fish or plant that was submitted to BAP or HAP gets you bonus points and there are enough points out there to make a difference in the standings. Also, for every article you write and picture you take and submit it to Tank Tales, you get WAAP points and we submit many of the articles to the NEC and FAAS for their annual awards.

Let's get writing folks! All those BAP, HAP and CARES fish you are all breeding and maintaining as well as the trips to auctions , meetings and shows around the area make great material for articles.

Thank you

Kurt

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

Deadline for November Tank Tales is November 2nd!

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OCTOBER PROGRAM

Toothy Tetras: From Tank Busters to Tiny Predators

...an overview of predatory tetras & other toothy fish for any size tank

..by Joseph Chiappetta III



Mr. Chiappetta has a Bachelor's degree in Biology and Environmental Science and Master's Degree from Florida Institute of Technology. Mr. Chiappetta has worked for the Pennsylvania Game Commission and has consulted with the US Fish and Wildlife. He has been in the hobby for over 20 years, keeping mostly Cichlids (New and Old World), Catfish, US native fish and predatory tetras. Mr. Chiappetta has been breeding fish for over 15 years including cichlids, plecos, Corydoras, guppies, livebearers, killifish, tetras and US native fish. At the height of his multi-Tank Syndrome he had over 100 tanks for a total of over 5,000 gallons; he is now keeping around 2,000 gallons of aquariums. He is a member of the North Jersey Aquarium Society, Jersey Shore Aquarium Society, American Cichlid Association and is active on various internet forums.

Mr. Chiappetta has collected fish in 22 states and seven countries for professional, academic and hobbyist purposes.

Time & Place

Saturday

October 15th

1:00 PM

**Bird-in-Hand Fire Co.
313 Enterprise Dr.
Bird-in-Hand PA 17505**

In Memoriam

Forest W. "Wayne" Calender



On August 1st, the Aquarium Club of Lancaster County and the entire aquarium hobby lost one of the best. Wayne was one of our founding members and until recently was actively participating in the activities of the ACLC and the Keystone Killi Group. Wayne started the ACLC's Breeder Award Program and is the namesake of our highest BAP Achievement award. He and Doris were always a fixture at ACLC events and will sadly be missed.

Obituary from Lancaster Online

Forest W. "Wayne" Calender, 88, of Lancaster, PA, passed away at his home on Monday, August 1, 2016. Born in Marion, OH, he had moved with his family to the Lancaster area when he was 12 years old, the son of the late Henry Edward and Grace Kelly Calender. He was the husband of the late Doris Mae Carpenter Calender, who passed away in 2008.

Forest had served with the U.S. Navy during World War II as a Seabee. He owned and operated his own painting contracting business that he started in 1953 until he retired in 1997, selling the business to Two Dudes Painting.

A tropical fish enthusiast, he was a founding member of the Aquarium Club of Lancaster County and was a breeder of tropical fish, for which he won numerous awards. He especially enjoyed his family time with his granddaughters and great-grandchildren.

Forest will be lovingly remembered by his sons, David W. Calender and Donald H., (Diana L.) Calender, his granddaughters, Daphne L., (Jason) Rhinier and Trista L. Ambs and his great-grandchildren, Alexis and Jason Rhinier, Jr.



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Watch www.ala2017.com for links to Further Details!!

Or Email
ALASTL2017@gmail.com



2015 FAAS PUBLICATION AWARDS

ACLC MEMBERS WIN 15 AWARDS!

First Place

	Piscatorial Pearls—January	Kurt Johnston
Maintenance, Cultivation, Reproduction	Anubias: A Plant for Everyone!	Michael Buchma
Best Article all Other Categories, Junior	My Aquarium	Joseph Pacheco

Second Place

Best Exchange Article	Piscatorial Pearls—March	Kurt Johnston
Best Traveling Aquarist Article	The Traveling Aquarist: Sea World	Joel Antkowiak
Best Cartoon	Topical Tank—February	Bob Kulesa
Best Article all Other Categories, Junior	My Fish Tank Story	Joseph Pacheco

Third Place

Best Changing Cover, Original Art	2015 Tank Tales	Karen Haas
Best Exchange Article	Piscatorial Pearls—June	Kurt Johnston
Best Spawning Article, 500 - 1000 words	Whatever You Want to Call Them: Tanichthys macagemmae	Joel Antkowiak
Best Traveling Aquarist Article	Mile High Cichlids and Other Fish!!	Alan Rollings
Best Cartoon	Topical Tank—?????	Bob Kulesa

Honorable Mention

Best Spawning Article, under 500 words	Chapalichthys encaustus “Largo de Orandino	Alan Rollings
Best Continuing Column by a Single Author (s)	President’s Message	Kurt Johnston
Best Continuing Column by a Single Author (s)	What’s in My Tank	Karen Haas

NOTE: The ACLC’s 15 total awards was third behind Kitchener-Waterloo Aquarium Society’s Fins & Tales(24) and the Federation of Texas Aquarium Society’s Fish Tales (18). Let’s keep up the good work! We still have 2 more issues for the 2016 Awards!

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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? _____

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Vice President	Michael Buchma	vicepresident@aclcpa.org
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Secretary	Gary Haas	secretary@aclcpa.org
Past President	Kurt Johnston	pastpresident@aclcpa.org

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

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Annual Event	Joel Antkowiak	
Audit	<i>Vacant</i>	audit@aclcpa.org
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General Dentistry

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930 Red Rose Court, Lancaster, PA 17603

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

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**LONGWOOD
GARDENS**

ACLC SPEAKER SCHEDULE

October 15th

Joseph Chiappetta III

Toothy Tetras: From Tankbusters to Tiny Predators

November 19th

TBA

Club Officer Elections

December 17th

ACLC Member Open Mic

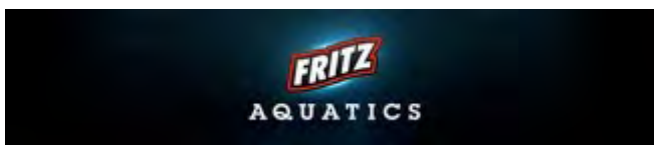
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TO ALL THE MEMBERS AND FRIENDS OF THE
AQUARIUM CLUB OF LANCASTER COUNTY WHO
DIRECTLY OR INDIRECTLY CONTRIBUTED TO THE 2016
AQUATIC LIFE EDUCATION FUND



The inaugural year for the ACLC's Aquatic Life Education Fund concluded on August 31st and was certainly a success. The ACLC gave Hannah McNett, Science Research Program instructor at Manchester Valley High School, a check for \$706 at the Keystone Clash Banquet on September 17th. That money came from ACLC Auction proceeds (\$278.39), individual donations (\$227.61), and a \$200 check from Joel Antkowiak & Associates. We have already begun collecting money for the 2017 recipient, who has yet to be determined. If you know of a worthy education facility in the area, please contact Kurt Johnston at ALEF@aclcpa.org

LIVE FOOD REPORT

SPAWNING THE EARTHWORM

BY GARY HAAS

Originally published in the *Bulletin of the Advanced Aquarists of the National Capital Area (B-AANCA)*, May-Jun 1976

Today we 'll be talking about the earthworm. Earthworms spawn in two's, but it doesn't matter which two as they all can be mama's or papa's. For that matter, there's no need to buy six to be sure of a pair. Homosexuality in the earthworm population is an irrelevant concept. Breeding activity occurs on damp nights (a heavy dew is sufficient), when all the earthworms leave their holes in the ground cruising the surface for a piece of tail. Small, reckless worms may leave their holes altogether; large nightcrawlers belie their name by keeping the tip of the tail anchored in the hole in case of a need for immediate flight, stretching their bodies all around the hole in search of a one-night stand.

When a worm finds a partner, the bodies fuse together from the ring to the tip of the head, in one of the slimiest, grossest acts of rapture I've ever witnessed. It's handy when hunting them

by flashlight, though, because two worms fused together are nearly 1" square of shiny reflection, which is easy to see, and they're usually too wrapped up in each other to notice you till you grab them and pull them both from their holes. (Small worms indulge in puppy love, and will characteristically split up when grabbed, so you're lucky to get one), Later, one or both worms will lay an egg case which will hatch dozens of little worms, which are not guarded or cared for by the parents. Which probably explains why earthworms have never developed civilization, that and the lack of an opposable thumb.

The breeding process of "fusion" should never be confused with the breeder reaction of lower worms, which undergo "fission", in which the worm simply splits and you have two worms instead of one, and then four, eight, sixteen, 32, etc., in a mushrooming population explosion. Many people don't recognize the difference, thus the earthworm's popular misnomer of, Fission Worm.

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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.



2016 KEYSTONE CLASH SHOW RESULTS

BEST OF SHOW

Liosamadoras oncinus

Austin Johnson

RESERVE OF SHOW

Lamprologus congoensis

Karen Haas / Alan Rollings

BEST CICHLID

Lamprologus congoensis

Karen Haas / Alan Rollings

BEST CARES SPECIES

Pundamilia nyererei

Karen Haas / Alan Rollings

RUSTY WESSEL CHOICE

Amphilophus citrinellus

Sam Phelan

KING & QUEEN CICHLIDS CHOICE

Amphilophus citrinellus

Sam Phelan

PEOPLE'S CHOICE

Symphysodon sp.

Chris Gazdick

BEST OF DIVISION WINNERS

Division 1—New World Cichlids	Aequidens sp Jenaro Herrera	Bill Sensor
Division 2—Old World Cichlids	Lamprologus congoensis	Karen Haas/Alan Rollings
Division 3—Catfishes & Loaches	Liosamadoras oncinus	Austin Johnson
Division 4—Killies & Livebearers	Xiphophorus helleri "Black"	Karen Haas/Alan Rollings
Division 5—All Other Fishes	Chilatherina sentaniensis	Joel Antkowiak
Division 6—All Other Aquatic Life	Caridinia multidentata	Karen Haas/Alan Rollings
Division 7—Aquatic Expressions	Lampwork beads	Christine Keys

CLASS WINNERS

CLASS 1—ANGELFISH

1st	Angelfish #1	Dwayne Walker
2nd	Angelfish #2	Dwayne Walker
3rd	Angelfish #3	Kristina Bryson

CLASS 2—DISCUS

1st	Symphysodon sp. #2	Chris Gazdick
2nd	Symphysodon sp. #5	Chris Gazdick
3rd	Symphysodon sp. #6	Chris Gazdick

CLASS 3—NEW WORLD DWARF CICHLIDS

1st	Apistogramma	William Peregrine
2nd	Apistogramma cactuoides Triple Red	William Peregrine
3rd	Apistogramma norberti	Bill Sensor

2016 SHOW RESULTS CONT'D...

CLASS 4—S.A. CICHLIDS 6" & UNDER

1st	Aequidens sp Jenaro Herrera	Bill Sensor
2nd	Aequidens metae	Ryan Farrish
3rd	Adinoacara sp Choco	Bill Sensor

CLASS 5—S.A. CICHLIDS OVER 6"

1st	Gymnogeophagus balzani	Joseph Chiappetta
2nd	Crenicichla lenticulata	Scott McLaughlin
3rd	Crenicichla sveni	Karen Haas / Alan Rollings

CLASS 6—C.A. CICHLIDS 6" & UNDER

1st	Amititlania nigrofasciata "Black"	Karen Haas / Alan Rollings
2nd	Thorichthys meeki	Scott McLaughlin
3rd	Amititlania siquia "Rio Tempisque"	Christine Keys

CLASS 7—C.A. CICHLIDS OVER 6"

1st	Amphilophus citrinellus	Sam Phelan
2nd	Cichlasoma festae	Scott McLaughlin
3rd	Paratheraps bifasciatus	Sam Phelan

CLASS 8—FLOWERHORNS

1st	Flowerhorn #3	Frank Phelan
2nd	Flowerhorn #1	Frank Phelan
3rd	Flowerhorn #2	Joseph Chiappetta

CLASS 9—HAPLOCHROMINES, VIC. BASIN

1st	Astatotilapia calliptera	Lisa Hoebner
2nd	Pundamilia nyererei	Karen Haas/Alan Rollings
3rd	Paralabidochromis chromogynus	Tom Gillooly

CLASS 10—LAKE MALAWI HAPLOCHROMINES,

1st	Protomelas marginatus	Mike Mull
2nd	Otopharynx tetrastigma	Dwayne Walker
3rd	Copadichromis borleyi	Dwayne Walker

CLASS 11—ALL PEACOCK CICHLIDS,

1st	Aulonacara stuartgranti mbensis	Kristina Marie Bryson
2nd	Aulonacara maulana	Lisa Hoebner
3rd	Aulonacara rubescens	Lisa Hoebner

CLASS 12—MBUNA,

1st	Tropheus sp Red Cheek	Christine Keys
2nd	Labeotropheus fuelleborni	Dwayne Walker
3rd	Pseudotropheus sp Williamsi North	Dwayne Walker

CLASS 13—TANG. SUBSTRATE SPAWNERS

1st	Altolamprologus calvus	Joseph Chiappetta
2nd	Neolamprologus multifasciatus	Gary Haas
3rd	Neolamprologus pulcher	Christine Keys
3rd	Neolamprologus brichardi	Joel Antkowiak

CLASS 14—TANGANYIKAN MOUTHBROODERS

1st	Callochromis pleurospilus	Lisa Hoebner
2nd	Tropheus sp.	Julie Lovell

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2016 SHOW RESULTS CONT'D...

CLASS 15—AO OLD WORLD CICHLIDS 5" & UNDER

1st	Lamprologus congoensis	Karen Haas/Alan Rollings
2nd	Coptodon snyderae	Joel Antkowiak
3rd	Nanochromis splendens	William Peregrine

CLASS 16—AO OLD WORLD CICHLIDS OVER 5"

1st	Hemichromis elongatus	Scott McLaughlin
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CLASS 17—CORYDORAS & RELATED SPECIES

1st	Corydoras sp CW051	Tom Gillooly
2nd	Corydoras habrosus	Joel Antkowiak
3rd	Corydoras gomezi	Tom Gillooly

CLASS 18—PLECO TYPES

1st	L-129	Kerry Dilks
2nd	Ancistrus cf cirrhosus	Karen Haas/Alan Rollings
3rd	Peckoltia sabaji L-75	Lisa Hoebner

CLASS 19—ALL OTHER CATFISH

1st	Liosamadoras oncinus	Austin Johnson
2nd	Loricaria simillima	Bill Sensor
3rd	Phyllonemus typus Cephalosilurus apurensis	Karen Haas/Alan Rollings

CLASS 20—ALL OTHER BOTTOM DWELLERS

1st	Petruichthys sp "Rosy"	Karen Haas/Alan Rollings
2nd	Botia striata	Joel Antkowiak
3rd	Botia striata	Karen Haas/Alan Rollings

CLASS 21—OLD WORLD KILLIFISHES

1st	Aplochcheilichthys pumilus	Joel Antkowiak
2nd	Fundulopanchax spoorenbergi	Gary Haas
3rd	Aphyosemion striatum	Joel Antkowiak

CLASS 22—NEW WORLD KILLIFISHES

1st	Hypsolebias hellneri	Gary Haas
2nd	Nematolebias papilliferus	Michael Echt
3rd	Simpsonichthys santanae	Gary Haas

CLASS 23—GUPPIES & ENDLER'S

1st	Poecilia wingei Blonde	Karen Haas/Alan Rollings
2nd	Poecilia wingei Flametail	Karen Haas/Alan Rollings
3rd	Poecilia reticulatus Tanaka's Blue Double X	Joel Antkowiak

CLASS 24—XIPHOPHORUS (DOMESTIC STRAINS)

1st	Xiphophorus helleri Black	Karen Haas/Alan Rollings
2nd	Xiphophorus helleri HiFin Lyretail	Roy Allen
3rd	Xiphophorus helleri Black	Karen Haas/Alan Rollings

CLASS 25—XIPHOPHORUS (WILD TYPE)

1st	Xiphophorus mayae	Roy Allen
2nd	Xiphophorus continens	Joel Antkowiak
3rd	Xiphophorus continens	Joel Antkowiak

2016 SHOW RESULTS CONT'D...

CLASS 26—ALL OTHER POECILIIDS

1st	Brachyrhaphis rhabdophora	Joel Antkowiak
2nd	Brachyrhaphis holdrigei	Karen Haas/Alan Rollings
3rd	Gambusia holbrooki	Karen Haas/Alan Rollings

CLASS 27—ALL OTHER LIVEBEARERS

1st	Ameba splendens	Joel Antkowiak
2nd	Characodon audax	Joel Antkowiak
3rd	Xenotoca variatus	Karen Haas/Alan Rollings

CLASS 28—RAINBOWFISHES

1st	Chilatherina sentaniensis	Joel Antkowiak
2nd	Melanotaenia boesemani	Gary Haas
3rd	Melanotaenia pygmaeus	Callie Parker

CLASS 29—BETTA SPLENDENS—MALE

1st	Crowntail	Emily Moyer
2nd	Crowntail	Joel Antkowiak

CLASS 30—ALL OTHER ANABANTOIDS

1st	Betta splendens (F)	Joel Antkowiak
2nd	Ctenopoma kingsleyi	Joel Antkowiak
3rd	Betta rubra	Gary Haas

CLASS 31—NATIVE FISHES

1st	Lucania goodei	Karen Haas/Alan Rollings
-----	----------------	--------------------------

CLASS 32—ALL OTHER FRESHWATER FISHES

1st	Tanichthys albonubes	Karen Haas/Alan Rollings
2nd	Danio kerri	Joel Antkowiak
3rd	Parachirodon simulans	Christine Keys

CLASS 33—ALL MARINE FISHES

1st	Cyprinodon brontotheroides	Joel Antkowiak
2nd	Cyprinodon brontotheroides	Joel Antkowiak
3rd	Cyprinodon brontotheroides	Joel Antkowiak

CLASS 34—ALL FRESHWATER INVERTEBRATES

1st	Caridinia multidentata	Karen Haas/Alan Rollings
2nd	Clea helena	Karen Haas/Alan Rollings

CLASS 35—MARINE INVERTEBRATES

No Entries

CLASS 36—ALL OTHER AQUATIC ANIMALS

1st	Axolotl	Liz Walker
2nd	Axolotl	Liz Walker

2016 SHOW RESULTS CONT'D...

CLASS 37—AQUATIC PLANTS

1st	Isoetes lacustris	Karen Haas/Alan Rollings
2nd	Bolbitus heudelotii	Tom Gillooly
3rd	Vallisneria sp.	Karen Haas/Alan Rollings

CLASS 38—ART (PAINTINGS, DRAWINGS)

No Entries

CLASS 39—CRAFTS

1st	Lampwork Beads	Christine Keys
2nd	Lampwork Beads	Christine Keys
3rd	Lampwork Beads	Christine Keys

CLASS 40—BOWL BEAUTIFUL

1st	Bowl	Joel Antkowiak
2nd	Bowl	Joel Antkowiak

CLASS 41—AQUARIUM BEAUTIFUL 5G & LARGER (NATURAL AQUASCAPE)

No Entries

CLASS 42—AQUARIUM BEAUTIFUL 5G & LARGER (THEMED/ARTIFICIAL)

No Entries

CLASS 43—PHOTOGRAPHY

1st	Angelfish	Joel Antkowiak
2nd	Rainbowfish	Joel Antkowiak
3rd	Polyps	Joel Antkowiak

INDIVIDUAL SHOW CHAMPION
(TOTAL POINTS)

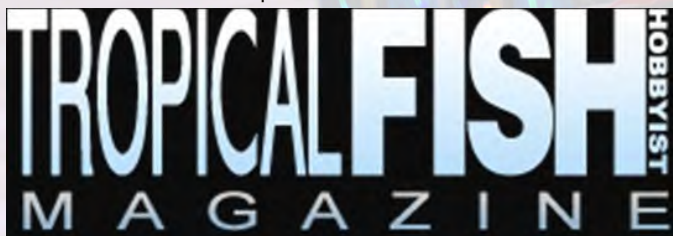
Karen Haas/ Alan Rollings - 219 points

CLUB SHOW CHAMPION
(TOTAL POINTS)

Aquarium Club of Lancaster County—461 points

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INTERNATIONAL BETTA CONGRESS BETTACON 2017



Aurelia Ogles and Connie Emery, Co-Chairs

aureliaogles@aol.com; cjnemery@gmail.com

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

Class Sponsorship \$20

June 22 thru 25, 2017

Early Bird Full Convention

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

- Workshops & Meetings
- President's Reception Thursday night
- Friday Breakfast, Lunch, & Dinner
- Saturday Breakfast, Lunch & Banquet
- Sunday breakfast
- Hospitality Friday & Saturday
- T-shirt (\$10 extra for collar/ polo shirt)

Meals Only (7 meals) \$125.

Breakfasts & Dinners only \$100

Workshops & Meetings only \$50

Banquet Only \$70

Hospitality Room Only \$30

Optional Pre-Convention field

trip to Segrest Farms \$45

Orlando Clarion Inn & Suites 5827 Caravan Court, Orlando, Fl. 32819 \$94. per night plus tax
Across the street from Universal Studios and Islands of Adventure (recognized as the Number 1 Theme Park in the USA). Orlando Premium Outlets on International Dr. and Sea World are 5-10 minutes away. I-4 shuttle takes you to area sites. Disney World, MGM, EPCOT & Animal Kingdom are 20 minutes away. Busch Gardens & Cape Canaveral are 60 minutes away.

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 book for the group.



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 will work 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.

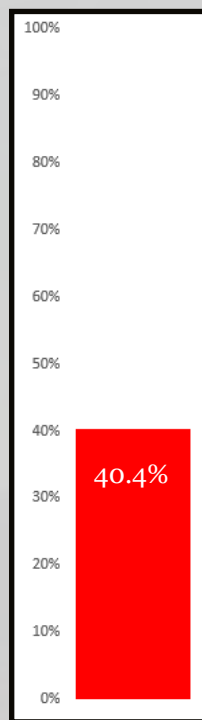
AQUATIC LIFE EDUCATION FUND OCTOBER REPORT

The second year for the ALEF is now underway, and what a start! At the Keystone Clash, the ACLC team won the Challenge and that included a cash award of \$352. The Board decided to donate half of the money to the ACA Guy Jordan Research Fund and the other half to the Aquatic Life Education Fund. We also collected \$66 from Clash attendees. When the auction proceeds are finalized, the totals from that will be added. Since we were able to raise over \$500 last year, I have set a goal of \$600 for this year. Now we need to find a school to be the recipient. If you are aware of any school that meets the requirements, please contact me at ALEF@aclcpa.org.

Thank you

Kurt Johnston

ALEF Chair



Goal = \$600.00
Current = \$242.25

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PISCATORIAL PEARLS

“Reviewing Aquarium Society Newsletters from Around the World”

This month we will begin our journey in the Peach State Capital with 2 articles in the August 2016 issue of the [Atlanta Area Aquarium Association's](#)

Fish Talk. The first article is titled [“The Red Jewel Cichlid”](#) by Tom Koranda. Tom gives a brief description of his experience with several *Hemichromis* species. The second article is titled [“Ponds are easy—right?”](#) by David Ramsey. David tells us all about his successful? Efforts to put as many large tubs as possible in the available space he has.

Our next stop is in the Empire State for 10 stories in the September-October edition of the [Brooklyn Aquarium Society's Aquatica](#). The first story is another in the Catfish Dreams series by Sy Angelicus all about [“Brichard's Synodontis”](#) a beautiful, hardy Congolese catfish. Next we have Anthony Kroeger with a great profile of the [“African Clipper Barb, *Barbus callipterus*”](#). The next story is all about [“Ghost Shrimp”](#) and is a very good profile by Ryan Curtis. Ryan also wrote the next invertebrate related story titled [“pH in a Dwarf Shrimp Aquarium”](#) that addresses some of the issues related to water parameters. [“Bubble, Bubble”](#) by Anthony Kroeger is an excellent story about the popular dwarf gourami, *Colisa lalia*. The next story is another in The Practical Plant series by Izzy Zwerin that gives us all the information we need about [“Propagating *Didiplis diandria*”](#). Next we have a couple of stories by Anthony Kroeger for you saltwater folks. The first is a story that gives us all the necessary details about [“Tongue Coral, *Herpolitha limax*”](#) and the second one is a very detailed story regarding some [“Experimental Treatment of Diseased Corals”](#) that I am sure will be of some assistance to anyone maintain coral. Anthony also wrote Part 3 of his Terrific Tetras series which is all about the [“Rosy Tetra, *Hyphessobrycon rosaceus*”](#) and gives us a great all around description. The final story this edition is a story by Joe Graffagnino that is all about Joe's

success with [“The Columbian Tetra, *Hyphessobrycon columbianus*”](#).

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

Now we head to the Hoosier State capital for 2 articles in the September 2016 issue of the [Circle City Aquarium Club's Fancy Fins](#). Both articles are BAP reports and the first is a good description of the success that Dave McKane had with [“Spawning *Lithochromis xanthopteryx* ‘Makobe Island’”](#) after a short hiatus from the hobby. The other article is titled [“African Fire Barbs”](#) and is written by Charlie Grimes in his always detailed and humorous manner.

Our next stop is back in the Keystone State for 2 stories in the August 2016

edition of the [Greater Pittsburgh Aquarium Society's Finformation](#). The first story is an excellent profile of a fairly uncommon plant, [“*Cryptocoryne hudsoni*”](#) by Tim Gross. Next we have a story by Joe Doyle titled [“*Corydoras pygmaeus*”](#) in which Joe relates his experience with this little catfish.

Next we head west to the Evergreen State for an article in the September 2016 issue of the [Greater Seattle Aquarium Society's Northwest Aquaria](#). This article is titled [“Water Change Factory”](#) by Dean Tweeddale and shows us in detail how Dean has made his water changes easier.

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Our next stop is going to require our passports as we head north to Canada for 6 stories in the September 2016 edition of the [Kitchener Waterloo Aquarium Society's Fins & Tales](#). The first story is

(Continued on page 25)

PISCATORIAL PEARLS

“Reviewing Aquarium Society Newsletters from Around the World”

titled “[Salt Water School](#)” by Zack Brideau and is a very good description of what a coral is and is done in layman's terms. Next is a great story titled “[Evolution of a Fish Keeper](#)” by Karen Murray that walks us through the steps from our first fish to addict. Next is a great story by Dr. Glenn Roberts that walks us through his “[Big Fat Leaky Adventure](#)”! Next Karen Murray gives us a good profile on “[Adidarum mini](#)” a neat little plant from Borneo and then Karen tells us about the good and the bad when she purchased “[The Background on an Impulse Buy](#)”. Final story in this edition is titled “[Assassin Snails](#)” by Stuart Morley that gives us a good account of Stuarts’ experience with these great invertebrates.

The Show Me State is the location of our next stop for 7 articles in the September/October issue of the [Missouri Aquarium Society’s Darter](#). The first article is titled “[Mistaken Identity Fish Rescue](#)” by John Van Asch in which John relates his experience with rescuing some fish through the MASI Fish Rescue & Rehoming Service. We then have an article titled “[Will you be ready when the power goes out?](#)” by David Thies that gives us a very good checklist to go by and reasons for acquiring a whole house generator. Ed Millinger wrote the next article titled “[Geophagus winemilleri](#)” that details his successes and difficulties spawning and raising this fabulous S.A. Cichlid. The next article is all about “[Fish Room Efficiency](#)” and details all the parts and procedures in Jack Heller’s water changing system. Kathy Deutsch asks the question “[What’s Lurking in your Tank?](#)” and it makes you think about how well fish can adapt and hide. Next we have an article titled “[Resurrecting My Pond](#)” by Jim Mueller that tells us about his trials and tribulation over the years with a 800 gallon outdoor pond. Finally, we have an article titled “[Iris pseudacoras](#)” by Chuck Bremer that gives us the good and the bad about the Yellow Flag Iris.

Next we revisit the Hoosier State for a story in the August 2016 edition of the [Michiana Aquarium Society’s Tropical Times](#). This story is a report by Ben Slocum on his experiences with “[Jenynsia onca](#)” a livebearer from South America.

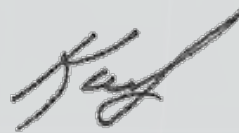
Our next stop is in the Garden State for a pair of articles in the July 2016 issue of the [North Jersey](#)

[Aquarium Society’s Reporter](#). The first article is Dr. Paul’s Fish of the Month for July, “[Clypeobarbus pleuropholis](#)” and is a great profile on a rarely seen African barb. Then we have an article titled “[Electric Blue Acara](#)” by Chuck Davis that describes Chuck’s adventure with this hybrid.

A short trip back up north to Canada gives us a story in the September & October 2016 edition of the [Sarnia Aquarium Society’s Aqua Antics](#). Jack Vander Aa give us a good profile of his experience with the forever popular “[Mikrogeophagus ramirezi](#)”.

We finish this month with a visit to the Sunshine State for an article in the September issue of the [Tampa Bay Aquarium Society’s Filter](#). This article is a very descriptive account of Bill Little’s unfortunate experience with the “[Coffee Bean Tetra](#)”, *Hyphessobrycon takasei*.

See you on the 15th!



Kurt Johnston – Exchange Editor
exchange@aclcpa.org

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FISH STORES IN PITTSBURGH

...AN ADVENTURE WITH ALAN

BY KAREN HAAS

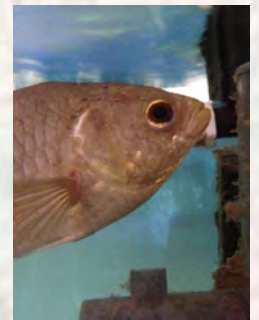
photos by the author

Alan was invited to speak at the Youngstown Area Tropical Fish Society in Ohio in August. We made the 5 ½ hour trip in about 7 hours including breaks and traffic jams. We spent Thursday evening and Friday morning bagging fish to donate to their club. We ended up taking 3 boxes of fish because we will be moving our fish room in a few months. We are glad that we could share many unique and endangered species with a new region of enthusiastic fish keepers.

The next day, we started our journey home and stopped at several aquarium stores in the Pittsburgh area recommended by the infamous Joe Doyle. We were not disappointed. The first stop was Aqua-World, <http://www.aquaworldpsc.com/>



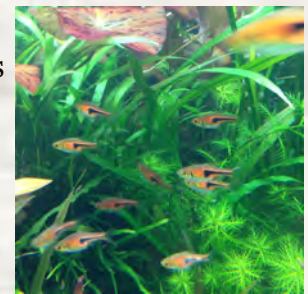
Outside the store is a large koi pond where you can buy food from coin operated dispensers and feed them. There is also a used equipment sale area under an awning at the door. Inside there are many tanks and seem to specialize in large sized fish. They did appear to be undergoing renovations in the fish room. They also carry a range of other pets and supplies besides fish.



The second stop was Wet Pets in Canonsburg, <http://www.wetpetsandfriends.com/>. Their fish are beautifully displayed in red oak stained cabinets. They appear to specialize in high end and rarely seen fish. The back of the store has an attached greenhouse type of building containing all types of koi and goldfish. They also carry other types of pets besides fish.



The third store we visited was A&B Oddball Pets and Aquariums, <http://oddballpets.com/>. This was formerly owned by Eric Bodrock, I believe. It's a small store, easily missed because it sits back from the road and looks like a warehouse. They only cater to tropical fish enthusiasts, both freshwater and saltwater. The Pittsburgh Area Planted Aquarium Society meets at this store and it really shows. The club has set up several planted display tanks. There are many more tanks containing a wide variety of aquatic plants for sale. I was able to make friends with the cockatoo that lives there.



The last two stores we visited are on the same street within a couple of blocks of each other. Burton's Total Pet, <http://totalpetstores.com/>, appeared to have a pet rooster standing guard at the front of

(Continued on page 27)

(Continued from page 26)



the store. He stood proudly on top of his little coop trying to impress us. I think he wanted us to introduce him to Rachel O'Leary's famous Stalker Chicken. Burton's has a smaller fish room in comparison to the other stores and the tanks looked a bit neglected, but they did have some impressive non-tank buster fish.



Elmer's Aquarium and Pet Center has a large fish room, <http://www.elmersaquarium.com/>. They had several tanks with large cichlids and catfish, including 12" pikes, large puffers, Synodontis and jumbo hybrid parrot cichlids. Central and South American cichlids were well represented. I liked how each row of tanks tried to feature a different family of fish.



Next time we are traveling to Western Pennsylvania, we hope to be able to visit each one of these stores again.



Karen's new buddy at A&B Oddball Pets & Aquariums

Could this be Stalker Chicken's new honey at Burton's?



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WRITER'S & ARTIST'S AWARD PROGRAM

A new participant this month – Charles Vickery! Let's get writing – Kurt and Tim have given Tank Tales a great transformation and it is looking better than ever! Let's make the content as good as the look!

~ Joel Antkowiak
WAAP Chair

2016 MIGHTY FIN STANDINGS

STANDINGS THROUGH SEPTEMBER 15, 2016

Alan Rollings	115 points
Joel Antkowiak	105 points
Kurt Johnston	105 points
Karen Haas	80 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
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Ultimate Writer Award

Joel Antkowiak	2730	1975	755	5/0	Fishy Photographer Popular Fish Head Writing Breeder
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Pen & Quill Award (No Current Qualifying Participant)

Wordsmith Award

Kurt Johnston *	1650	1365	285	1/0	
Bob Kulesa	720	500	220		
Scott McLaughlin	575	480	95	1/0	Fishy Photographer
Karen Haas	553	433	120	2/0	Fishy Photographer

Author's Award

Gary Haas	455	400	55	2/0	Fishy Photographer
Alan Rollings	363	328	35		

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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HAP REPORT

DUCKWEED

by Alan Rollings

Almost all freshwater aquarists have enjoyed, or suffered, to some extent duckweeds. The suffering is that it can clog filters whether they are internal canister types, sponge filters, or as I have encountered an external canister filter. Another source of suffering caused by Duckweed is the blanket surface covering tanks as small as a 5 gallon to as large as 40 gallons, even with vigorous surface movement.

The joys of duckweed can be seen in many tanks. Our cichlids can often be seen engorging themselves on duckweed. They can be the herbivorous species, and even the insectivores can be observed feeding on the plants or the small insects living on the plants. A floating mat in a fry grow on tank has often proven beneficial for their growth and color.

There are many aquatic plants classified under the name **Duckweeds**, or water lens. They are flowering that float on or just beneath the surface of still or slow-moving fresh water and wetlands.

Duckweed is often known as "bayroot,".

These are very simple plants, lacking any obvious stem or leaves. The greater part of

each plant is a small organized "thallus" or "frond" structure that is only a few cells thick, very often with air pockets that allow it to float on or just under the water surface. Depending on the species, each plant may have no root or may have one or more simple rootlets.

Reproduction is mostly by asexual budding, which occurs from a meristem enclosed at the base of the frond. Occasionally, three tiny "flowers" consisting of two stamens and a pistil are produced, through which reproduction occurs.



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C.A.R.E.S. REGISTRATION

October 2016 CARES Report

This month sees more new CARES fish in ACLC aquaria, all of them in Joel Antkowiak's tanks. Joel took advantage of the big auction at the Keystone Klash to add 6 new CARES species, including several Goodeids, an annual killifish, and a couple of cichlids.



Many of them are new to the club.

~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

JOEL ANTKOWIAK (CONT'D)









Pseudotropheus demasoni	● ● ● ● ●	3
Puntius titteya	● ● ● ● ●	2
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	● ● ● ● ●	1
Neotoca bilineata	● ● ● ● ●	1
Cryptoheros septemfasciatus	● ● ● ● ●	1
Characodon lateralis	● ● ● ● ●	1
Pelvicachromis silviae	● ● ● ● ●	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
kilomberoensis     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		1

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

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		1

LISA HOEBNER

Xystichromis sp. "Kyoga flameback"		1
Enterochromis pariopus		1

TONY KLINE

Tanichthys albonubes		3
----------------------	--	---

CLAIR KLINEDINST

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



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C.A.R.E.S. REGISTRATION

BOB KULESA

Pundamilia nyererei
'Ruti Island'



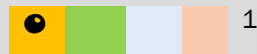
DAVE TANGREDI

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.

HORTICULTURAL AWARD PROGRAM MONTHLY REPORT

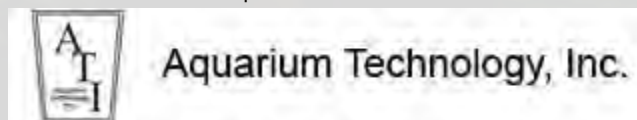
PROPAGATOR OF THE YEAR

Gary Haas	12 species
Bressler Family	12 species
Alan Rollings	10 species
Scott Sommer	6 species
Clair Klinedinst	4 species
Charles Vickery	4 species

GARDENER OF THE YEAR

Gary Haas	220 points
Alan Rollings	190 points
Bressler Family	180 points
Scott Sommer	70 points
Clair Klinedinst	50 points
Charles Vickery	50 points

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Aquarium Technology, Inc.



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LIFETIME ACHIEVEMENT AWARDS

2 Star Gardener

Gary Haas

1 Star Gardener

Bressler Family

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—SEPTEMBER 2016

BRESSLER FAMILY—10 TOTAL POINTS

Eichornia crassipes * 10 points

ALAN ROLLINGS - 175 TOTAL POINTS

Ceratophyllum demersum (Hornwort)* 10 points

Cryptocoryne wendtii 'Red'* 20 points

Cyperus alternifolius (Umbrella Plant)* 30 points

Eichhornia crassipes (Water Hyacinth)# 5 points

Elodea Canadensis* 10 points

Iris pseudacorus (Yellow Flag Iris)* 20 points

Lemna minor (Duckweed)+ 20 points

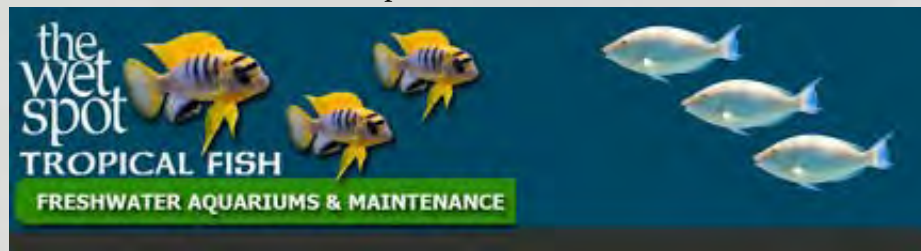
Myriophyllum aquaticum (Parrot's feather 20 points

Orontium aquaticum (Golden Club)* 30 points

Vallisneria american (Jungle Val)* 10 points

* 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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BREEDER AWARD PROGRAM

MONTHLY REPORT

BAP NEWS AS OF SEPTEMBER 28, 2016

ACLC BAP folk were busy this summer. Glenn Davies rejoined the BAP program with spawns of two Rift Lake cichlids, both lovely and one a CARES fish (once he gets it registered with the CARES program – hint hint). Danny Corman claimed points for a South American cichlid, a rainbow fish, and a catfish, reflecting his eclectic fishroom. Charles Vickery claimed points for the wrestling halfbeak, and then more points for writing about it (very well, in my opinion) in Tank Tales! Breeding Reports also earn ACLC Writers and Artists Award points, and are frequently entered in regional competition as well. Rich Bressler checked in with a catfish and a killie. And I claimed points for a couple annual killies (finally! -- I've been waiting MONTHS for those killie eggs to mature), a livebearer, and my first ever mouth-brooding cichlid.

The team of Karen Haas and Alan Rollings bred three South American cichlids this month, completing class 7, their third completed class. Along with their 720 accumulated lifetime achievement points, the third completed class moves them to the rank of Advanced Breeder! Well Done!

And, belated congratulations is due to Dave Tangredi on completing his One Star Breeder requirements. Dave actually spawned the CARES livebearer *Ameca splendens* in January, but I overlooked it at the time. Raising fry from a critically endangered species such as this, as Dave did, builds up points in a hurry, as well as increasing the population of a fish that can't do it in the wild. Congratulations to Dave on both counts.

SUMMER SPECIES BRED

Team Haas/Rollings

Australheros sp. "Red Ceibal"

Thorichthys maculipinnis

Characodon lateralis "Los Berros"

Astatilapia burtoni

Gary Boyer

Pundamilia nyererei "Ruti Island"

Herotilapia multispinosa

Aplochilus lineatus

Cynotilapia afra

Bressler Family

Corydoras julii

Aphyosemion celiae celiae

Gary Haas

Nothobranchius kilomberoensis

Gnatholebias zonatus

Pseudocrenilabrus multicolor victoriae

Dermogenys pusilla

Danny Corman

Hemichromis bimaculatus

Corydoras aeneus

Glossolepis incisus

Glenn Davies

Placidochromis phenochilus Tanzania

Protomelas taeniolatus

Charles Vickery

Dermogenys pusilla

2016 BREEDER OF THE YEAR

Team Haas/Rollings	213 points
Bressler Family	149 points
Gary Haas	89 points
Danny Corman	79 points
Gary Boyer	71 points
Joel Antkowiak	46 points
David Tangredi	39 points
Charles Vickery	39 points
Glenn Davies	20 points
Clair Klinedinst	13 points

2016 SPECIES BRED

Team Haas/Rollings	15 Species
Bressler Family	9 Species
Danny Corman	6 species
Gary Haas	5 Species
Gary Boyer	5 Species
Joel Antkowiak	4 Species
Clair Klinedinst	3 Species
Charles Vickery	3 Species
David Tangredi	2 Species
Glenn Davies	2 Species

BAP LIFETIME ACHIEVEMENT AWARDS

CURRENTLY ACTIVE ACLC MEMBERS

F. WAYNE CALENDER BREEDER

Bressler Family	1881 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*	1271 pts
Haas/Rollings*	720 pts

3 STAR BREEDER

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

2 STAR BREEDER

Gary Haas*	504 pts
Danny Corman*	478 pts
J/N Dickel	178 pts

1 STAR BREEDER

Gene Regener	245 pts
Pat Kelly*	165 pts
Clair Klinedinst	146 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
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 (M)
Bressler Family (M) 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

CLASS 8—OLD WORLD CICHLIDS

Bob Kulesa Joel Antkowiak
Bressler Family Paul Bricknell
Gary Boyer

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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

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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:	

ADVANCES IN THE REINTRODUCTION OF *ZOOGONETICUS TEQUILA* IN THE SPRINGS OF TEUCHITLAN, JALISCO, MEXICO

Continued from Tank Tales, September 2016 Issue

By Universidad Michoacana team:

Martina Medina Nava, Luis Humberto Escalera Vázquez, Yvonne Herrerias Diego, Ruben Hernandez Morales, David Tafolla Venegas, Berenice Vital Rodriguez, Mar-Silva V., Ramírez-García A., Mar-Silva L.M., Chávez-G. R.R. and Omar Dominguez Dominguez

Dr. John Lyons of the NAGWG provided us with this very important report with the encouragement to publish it for everyone to read and digest. Due to the length of this report we will have to publish it over several issues. Please enjoy and join the [North American Goodeid Working Group](#) and the [American Livebearer Association](#)

Aquatic vegetation

Sampling sites had high differences in submerged, emergent and rooted floating aquatic vegetation. For S1 (Spring La Alberca) and S2 (Spring El Rincon) aquatic vegetation was absent (Fig. 6), and shade and fish refuges were provided by the canopy and roots of riparian trees.

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Figure 6. Spring el Rincon location (S2)

In other locations some species of macrophyta were present, mainly the genus *Pistia*. Another important component of aquatic flora is the genus *Typha*, which is present in most of the Teuchitlán River; its presence is in scattered-discontinuous patches (Fig. 7).



Figure 7A. *Pistia* at site S5



Figure 7B. *Typha* at site S6

At the lowest part of the river (S7), two species of aquatic vegetation were found, *Eichornia* spp and *Egeria* spp, the first of which provides substantial biomass to the system, while the second has been found near the untreated wastewater discharge into the river (Fig. 8).



Figure 8A *Eichornia* spp at the lower part of the river Teuchitlan (S7)



Figure 8B *Egeria* spp in the wastewater discharge

Fish community

The fish community is composed of ten species belonging to four families; four native, five exotic, and one translocated (Table 2). *Chapalichthys encaustus* is translocated because its native distribution is restricted to the nearby but separate Chapala Lake basin and surrounding areas.

Background Picture: From the GWG website—©Frank Kroenke

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San Francisco Bay Brand, Inc.

This is one of the few documented cases of a translocated fish species in the family Goodeidae, and therefore, little is known about the effects this translocation may have on fish the native fish community.

species (*Ameca splendens*, *Goodea atripinnis*, *Ictalurus dugesii* and *Zoogoneticus purhepechus*) was less than 10%. Although the genus *Oreochromis* has low abundance in number of individuals,

Table 2. Fish species collected during surveys in the Teuchitlan River.

Family	Species	Mexican name	English name	Origin
Cichlidae	<i>Oreochromis spp.</i>	Tilapia/Mojarra	Tilapia	Exotic
Goodeidae	<i>Ameca splendens</i>	Mexclapique mariposa	Butterfly Goodeid	Native
	<i>Chapalichthys encaustus</i>	Pintito de Ocotlan	Barred Splitfin	Translocated
	<i>Goodea atripinnis</i>	Tiro oscuro	Blackfin Goodea	Native
	<i>Zoogoneticus purhepechus</i>	Picote Purepecha	La Luz Splitfin	Native
Ictaluridae	<i>Ictalurus dugesii</i>	Bagre del Lerma	Lerma catfish	Native
Poeciliidae	<i>Heterandria bimaculata</i>	Repotete	Twospot livebearer	Exotic
	<i>Poecilia sp</i>	Molly	Shortfin molly	Exotoc
	<i>Xiphophorus helleri</i>	Cola de espada	Green swordtail	Exotic
	<i>Xiphophorus maculatus</i>	Platy	Southern platyfish	Exotic

The most diverse fish sites are S2 and S3. The relative abundance of exotic species was greater than that of the natives; across all sites, and the overall percentage of exotics was greater than 80% (Fig. 9). Native fish decreased in number and presence in the direction of the river flow, with the opposite pattern for the exotic fishes. The most abundant species overall was *Heterandria bimaculata*, representing ~60% of the total fish abundance. This poeciliid have been listed in other water bodies as a "risk to native fauna" because of its aggressive behavior and its potential competition for food resources. The next two most abundant species were *Xiphophorus helleri* (16%) and *Poecilia sp.* (14%), both non-native. The combined relative abundance of all native

some organisms of this genus can reach a size exceeding 30 cm in length and up to 1 kg, so it represented a substantial proportion of total fish biomass. Abundance fluctuations of the community apparently were determined mainly by temperature variation.

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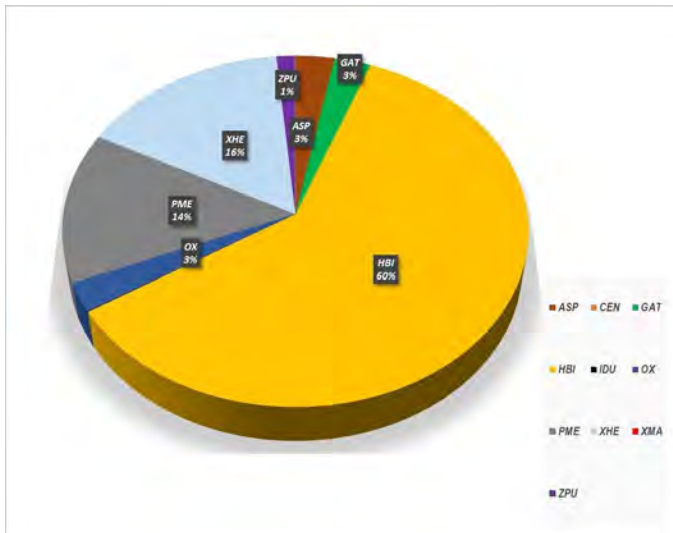


Figure 9. General abundance of fish species in Teuchitlán River. **ASP**= *Ameca splendens*, **CEN**= *Chapalichthys encaustus*, **GAT**= *Goodea atripinnis*, **HBI**= *Heterandria bimaculata*, **IDU**= *Ictalurus dugesii*, **OX** = *Oreochromis* spp., **PME**= *Poecilia* sp, **XHE**= *Xiphophorus helleri*, **XMA**= *Xiphophorus maculatus* y **ZPU**= *Zoogoneticus purhepechus*.

The most diverse fish sites are S2 and S3. The relative abundance of exotic species was greater than that of the natives; across all sites, and the overall percentage of exotics was greater than 80% (Fig. 9). Native fish decreased in number and presence in the direction of the river flow, with the opposite pattern for the exotic fishes. The most abundant species overall was *Heterandria bimaculata*, representing ~60% of the total fish abundance. This poecilid have been listed in other water bodies as a "risk to native fauna" because of its aggressive behavior and its potential competition for food resources. The next two most abundant species were *Xiphophorus helleri* (16%) and *Poecilia* sp. (14%), both non-native. The combined relative abundance of all native species (*Ameca splendens*, *Goodea atripinnis*, *Ictalurus dugesii* and *Zoogoneticus purhepechus*) was less than 10%. Although the genus *Oreochromis* has low abundance in number of individuals,

some organisms of this genus can reach a size exceeding 30 cm in length and up to 1 kg, so it represented a substantial proportion of total fish biomass. Abundance fluctuations of the community apparently were determined mainly by temperature variation.

Native species had their greatest abundance at sites S1, S2 and S3. *Ameca splendens* had its maximum abundance at S2 and S7 with a few individuals at the rest of the sites. *Zoogoneticus purhepechus* was most abundant at S1 and S2, declining in abundance downstream (Fig. 10). The abundance of *Z. purhepechus* is generally low, and the maximum number of organisms obtained for this species was in March. Although native species had lower density, their biomass by site was greater than that of the non-native species.

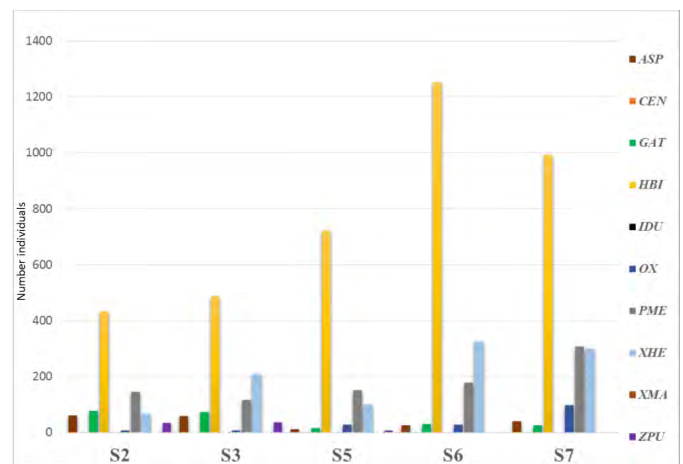


Figure 10. Abundance of fish species by site. **ASP**= *Ameca splendens*, **CEN**= *Chapalichthys encaustus*, **GAT**= *Goodea atripinnis*, **HBI**= *Heterandria bimaculata*, **IDU**= *Ictalurus dugesii*, **OX** = *Oreochromis* spp., **PME**= *Poecilia* sp, **XHE**= *Xiphophorus helleri*, **XMA**= *Xiphophorus maculatus* y **ZPU**= *Zoogoneticus purhepechus*.

Trophic analyses

The trophic web of the fish community was composed of 20 diet elements. Only

omnivorous species consumed organic matter and plant debris. Two trophic guilds were present: omnivorous and carnivorous-insectivorous. The fish community is formed mostly by primary consumers with a trophic level of 2. Of the seven species analyzed, only two were secondary consumers (*Z. purhepechus* and *H. bimaculata*) (Table 3).

Due to its consumption of macroinvertebrates and zooplankton, *Z. purhepechus* is a potential competitor with *H. bimaculata*. However, *H. bimaculata* has a greater diet breadth, which may make it more adaptable to changes in prey availability.

Table 3. Trophic classification of fish species

Species	Trophic guild	No. prey	Main Prey	Trophic Level
<i>Oreochromis spp.</i>	Omnivore	7	Detritus	2
<i>A. splendens</i>	Omnivore	3	Detritus	2
<i>C. Encaustus</i>	Insufficient data (ISD)	ISD	ISD	ISD
<i>G. Atripinnis</i>	Omnivore	4	Detritus	2
<i>Z. purhepechus</i>	Carnivore-insect.	12	Aquatic chironomidae larvae	3.26±43
<i>Heterandria bimaculata</i>	Carnivore-insect.	25	Aquatic true-bugs and ants	2.88±0.35
<i>Poecilia sp.</i>	Omnivore	7	Detritus	2.01±0.04
<i>Xiphophorus Helli</i>	Omnivore	9	Detritus	2.01±0.03

Food resources that were used by all the species were plant debris and organic matter. *Poecilia sp* and *X. helleri* consumed small amounts of aquatic insects. Only *H. bimaculata* and *Z. purhepechus* had a trophic level greater than 2.5. *Heterandria bimaculata* used a large number of different resources, but it also used significant amounts of organic matter (30%) and for this reason, its trophic level is less than that of *Z. purhepechus*, which has the highest trophic level in the system. *Zoogoneticus purhepechus* is carnivorous-insectivorous and a specialist consumer of the insect family Chironomidae (Relative Importance Index-RII<70). Its consumption of organic matter is also the lowest of all the studied species.

Zoogoneticus tequila in semi-captive conditions ate mostly insect larvae and adults (>90% of the Relative Importance Index-RII), copepods, cladocerans, algae, mollusks, diatoms, ostracods and plant debris. The proportion of each item by month is shown in Figure 11.



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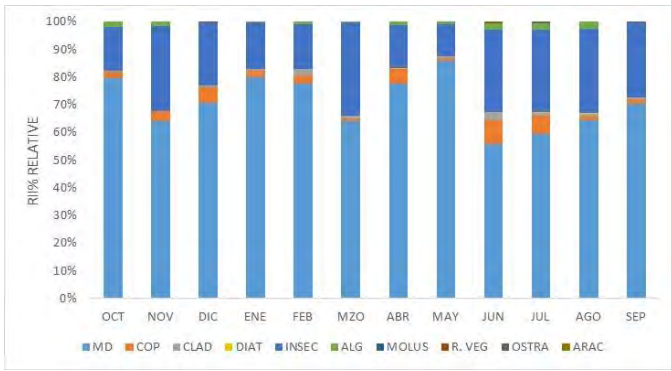


Figure 11. Prey importance in the stomach contents of *Zoogoneticus tequila* expressed as % according to RII. **MD**= Digested material (insect remains), **COP**= Copepods **CLAD**= Cladocera-ans **DIAT**=diatoms, **INSEC**= rest of insects, **ALG**= Algae, **MOLUS** = Mollusc, **R.VEG.** = plant remains, **OSTRA**= Ostracoda **ARAC**= Arachnidae.

Its diet niche breadth, determined by the Levin index, had a maximum value of 0.24 and a minimum of 0.11, indicating that the diet of this species is not very broad and does not change in different seasons. It is also a diurnal food consumer, feeding mainly during daylight. Its trophic level places it as a secondary consumer.

Reproductive aspects

Preliminary data on the reproductive aspects of 7 species in the natural environment of

Teuchitlán indicate that the alien species *Poecilia* sp. had the highest fecundity (Table 4). Five native and non-native species had similar but lower fertility

values, and the fertility of non-native *Oreochromis* spp was not evaluated because the captured individuals were not sexually mature. *Heterandria bimaculata* was sexually mature at the smallest length size, 21mm standard length (SL), and the native *Goodea atripinnis* at the largest size (48.35 mm SL). The native *Ameca splendens* had the second largest size at 38.36 mm SL, while the other 4 species reached maturity below 30 mm SL (figure 34).

Under semi-captive conditions, *Zoogoneticus tequila* had a sex ratio of 2:1 (F / M), a fertility varying between 1 to 4 fry per female, and a size at first maturity of females of 23.63mm and of males of 20.48. There were two reproductive periods, winter (January) and during the rainy season, August.

..continued in next issue of Tank Tales

Table 4. Reproductive aspects of viviparous and oviparous species from the Teuchitlán River, Jalisco. ND= Not Determined.

Species	Reproductive Strategy.	Size at first maturity (mm)	Sexual Proportion (Female:Male)	Absolute Fertility (mean number of embryos per female)
<i>G. atripinnis</i>	viviparous	48.35	ND	5
<i>H. bimaculata</i>	viviparous	21	1.18:1	5
<i>A. splendens</i>	viviparous	38.36	0.25:4	5
<i>Poecilia</i> sp.	viviparous	27.78	0.68:1	14
<i>X. hellerii</i>	viviparous	31.18	1.38:1	7
<i>Z. purhepechus</i>	viviparous	27.34	0.75:1	7
<i>Oreochromis</i> spp.	oviparous	27	0.66:1	ND

LARGEST ALL-SPECIES TROPICAL FISH AUCTION IN NEW JERSEY



AQUAPAGE . c2

**NORTH JERSEY AQUARIUM SOCIETY
GIANT FALL**

TROPICAL FISH AUCTION

DAYS HOTEL & CONFERENCE CENTER

195 ROUTE 18, TURNPIKE EXIT 9...EAST BRUNSWICK, NJ 732-828-6900

SUNDAY ... OCT. 9, 2016

**KEEP UP WITH REGISTERED AUCTION ITEMS ON OUR WEBSITE
RARE AND TANK BRED FISH & PLANTS!**

AUCTION STARTS AT 12 NOON

VIEWING 11:00 AM ... REGISTRATION 9:00 AM

GO TO: www.njas.net for pre-registration & auction rules



NJAS is a New Jersey registered non-profit all-volunteer aquarium hobby society . Established 1953.

Welcome to the Convention!

On behalf of the Potomac Valley Aquarium Society, welcome to the All-Aquarium Catfish Convention 2016! Please check our website at www.catfishcon.com for all the information you need about attending the convention.

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BREED 'EM & WEEP!

October 13-16, 2016
Herndon, Virginia

www.CatfishCon.com

Thursday, October 13

**FREE
NIGHT!**

****FREE Preview Mini-Convention****

7:30pm Anton Lamboj: Mouthbrooders with a Family Life - Benitochromis and Chromidotilapia

9:00pm Eric Bodrock: 35 Years of Killifish!

10:00pm Hans Evers: Malili Lakes - Sulawesi Shrimps Visited in their Natural Habitats

Friday, October 14

7:00pm Ingo Seidel: Loricariids of the Genus Pseudacanthicus

8:00pm Regina Spotti: The Forgotten and the Overlooked - My Take on Little Brown Catfishes

Saturday, October 15

9:30am Stephan Tanner: Ecological Niches and Diet in Catfishes: Assumptions and Science

11:00am Barbie Fiorentino: Breeding Ancistrus

1:00pm Brooks Burr: Natural History of North American Catfishes (Ictaluridae)

2:30pm Ingo Seidel: Woodcats - Species, Habitats and Breeding

4:00pm Hans Evers: What's New in Corydoras

5:30pm Pleco Breeding Forum: Dale Ernst, Barbie Fiorentino, Ingo Seidel, Stephan Tanner

8:00pm Banquet/Anton Lamboj: The Secret World of West African Catfish

Sunday, October 16

All Day Auction



Anton Lamboj



Brooks Burr



Ingo Seidel



Regina Spotti



Hans Evers



Eric Bodrock



Barbie Fiorentino



Stephan Tanner



- FIELD TRIPS
- HOSPITALITY SUITES
- VENDORS
- MANUFACTURER'S DISPLAYS
- "SPREE ON THREE" IN-ROOM FISH SALES FRIDAY NIGHT
- CLUBS
- RAFFLE PRIZES
- LIVE FISH RAFFLES
- ALL DAY AUCTION ON SUNDAY

AQUEON
It's all about the fish.

AMAZONAS
FRESHWATER AQUARIUMS & TROPICAL DISCOVERY





105 Years of Educating Aquarists

FRIDAY, OCT. 14 @ 7:30 PM

THE BROOKLYN AQUARIUM SOCIETY

GIANT FALL AUCTION



**AUCTION
STARTS
8:30PM**

All sorts of freshwater fish, plants, marine fish, aqua-cultured corals & dry goods, including a new 55 gal. tank & stand. Rare & hard to find live stock & MUCH MORE! • View lots 7:30pm -8:30pm

At The New York Aquarium, Education Hall, Surf Ave. & West 8th St., Bklyn, NY 11229

HELD THE 2ND FRIDAY EACH MONTH, EXCEPT JULY AND AUGUST

Free Parking • Free Refreshments

For Information Visit **BROOKLYNAQUARIUMSOCIETY.COM**

Or Call BAS 24 Hr. Calendar of Events Hotline (718) 837-4455

Car Directions: Belt Parkway to Ocean Parkway South (Exit 75). Take Ocean Parkway approx. 1/2 mile. The NY Aquarium will be on your left.

Subway Directions: Either the Q or F trains to West 8th St., NY Aquarium Station.

FALL 2016 FRAG SWAP

October 15, 2016
11 AM to 5 PM

That Fish Place
237 Centerville Rd.
Lancaster, PA



\$10/person or
\$20/family
Under 18 free

Lunch included
Raffle at 3 PM

**** Announcing ****

New England Cichlid Association



Annual Fall Tropical Fish Auction !!



Sunday, October 23, 2016

Auction starts at 11:30 AM

Polish American Club, 9 1st Street, Windsor Locks, CT

Free Admission

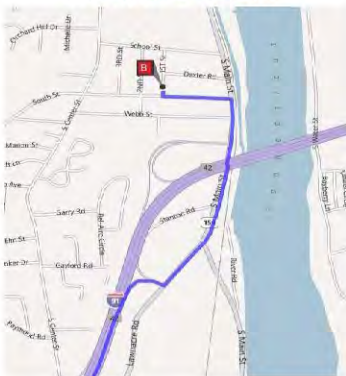
Refreshments

50/50 Cash Raffle

Good people... Good fish... Good fun!

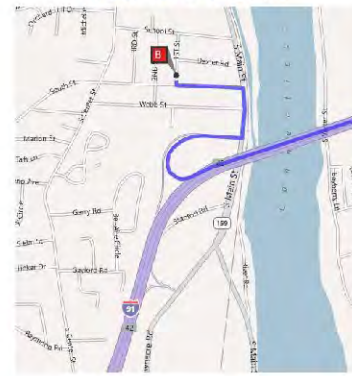
Doors open at 9:30 AM for viewing and registering lots. Bring ALL your fish (NOT JUST YOUR CICHLIDS!) and new or "gently used" aquarium equipment. This is a \$3 per lot auction-NECA gets the first \$3, the seller gets the rest! Donations are great too!

From I91 South



At exit 42, take ramp right toward Windsor Locks
0.2 mi Turn left onto Lawnacre Rd
0.2 mi Keep straight onto CT-159 North / S Main St
0.5 mi Turn left onto South St
0.2 mi Turn right onto 1ST St
Arrive at 9 1ST St, Windsor Locks, CT 06096

From I91 North



At exit 42, take ramp right for CT-159 toward Windsor Locks
0.5 mi Turn left onto CT-159 / S Main St
0.2 mi Turn left onto South St
0.2 mi Turn right onto 1ST St
Arrive at 9 1ST St, Windsor Locks, CT 06096

Visit [New England Cichlid Association](#) on Facebook for more information

TROPICAL FISH CLUB OF BURLINGTON



Giant Auction

Fish, Plants, New and Used
Equipment, Fish Foods, etc

Sunday Oct 30, 2016
12 noon



Holiday Inn
1068 Williston Rd
S. Burlington



For more information

David & Janine 372-8716 dbanks@together.net
Ann Whitman 434-3294 awhitman@madriver.com
Brian Candib 864-0746 BCandib@comcast.net

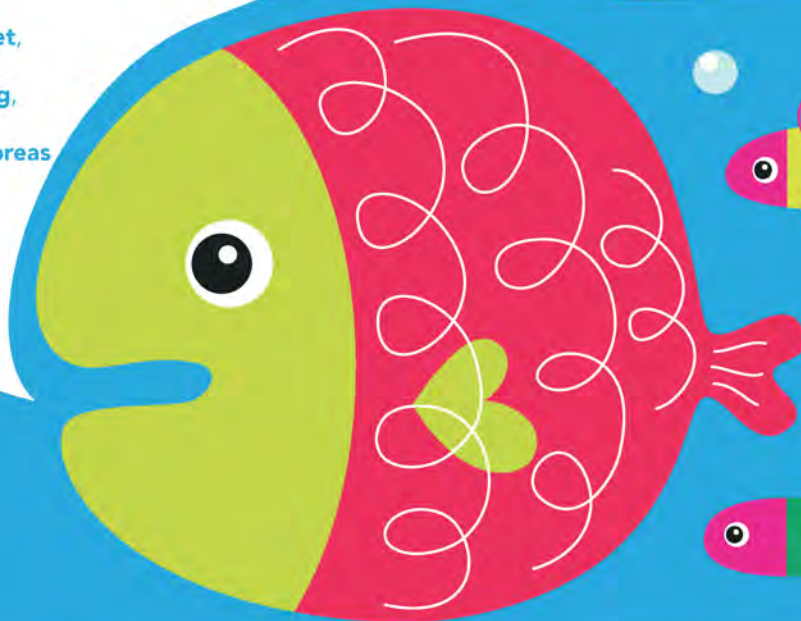
www.tfc.org

The Jersey Shore Aquarium Society presents its fall 2016 tropical fish and dry goods auction!

Featuring **rare and exotic tropical fish**,
a wide selection of **aquatic plants**, with
free goodies and **door prizes** all day long!
Snacks and refreshments will be available.
Open to public – free admission.

To be held
Sunday, November 6th, 2016 at the
South Wall Fire Rescue Company
2605 Atlantic Ave., Manasquan, NJ 08736

For more info:
e-mail Russ White at
rwhite8@optonline.net,
call (732) 928-2838,
visit jerseyshoreas.org,
or LIKE on
[facebook.com/jerseyshoreas](https://www.facebook.com/jerseyshoreas)



Live goods registration: 9 to 11 a.m.
No guarantee that items registered after 11 a.m.
will be auctioned. No used dry goods.

Viewing of items: 11 a.m. – 12 noon.
There will be no viewing allowed after noon.

Auction starts at noon sharp!

Any person may bring quality live fish and aquatic
plants to enter into auction.

- Pre-registration will be TBD on our club's
website (jerseyshoreas.org). Pre-registration will
get a 60/40 split.
 - 50/50 split for walk-ins at the auction.
- Auction rules available upon request.



Boston Bash!



Boston Aquarium Society 100th Anniversary Weekend

Nov 5th & 6th
Beverly Mass Elks Hall
39 Bow Street
Beverly, Massachusetts

Saturday Nov 5th

All Attendees on Saturday receive a free bidder card for the auction on Sunday!

2 Fish Shows!!!

Boston Guppy Club -IGEES Guppy & Endler Show
Boston Aquarium Society - All Species Show
Entry fee waived for preregistered entries.

5 Video Presentations!!!!

Rick Bornstein - Spawning Cichlids
Mike Helweg- The Great Tetra Renaissance
Mark Denaro - Nano Aquariums 101
Ted Coletti - Xiphophorus
Rachel O'Leary - Invertebrates Primer

Hourly Raffles!!!!

Project Plaba Silent Auction!!!

Boston Guppy Club Imported Guppies Group Buy!!

Sunday Nov 6th

The Return of the BAS Annual Auction

Bidding Starts at Noon!

Bidder Card \$2

Auction Split:

60% Seller

40% BAS

All Items \$3 minimum bid.

Auctioneer: Chuck Fitz

Blue Dot - Buck-A-Bag!

Sellers who bring in 5 lots or more will receive a blue dot to attach to one of their lots. The club will only keep \$1 of the sale price for that lot.

Contact:

Bill Gill

BostonBreeder@BostonGuppyClub.com

Russ & Donna McAndrews

marksdonnam@hotmail.com

Open to the Public - Free Admission!!!!

Parking across the street and 2 doors down at 43 Bow Street

Directions: Take Exit 22 off of 128 North For Route 62/ Elliot Street - Right onto Bridge St - Left onto Margin St (becomes Federal St) - Right on Ashland - Left on Home St. - Right on Bow (located on the Right)

November
18-20

Holiday Inn - Strongsville



Ohio Cichlid Association

presets

Extravaganza

Speakers Scheduled to Appear:

Ad Konings
Adrian Indermaur
Rusty Wessel
Ingo Seidel

Manufactures Booths
Giant Swap Meet
Kids Stuff
Manufacturers Auction
Huge Cichlid/Catfish Auction
Raffle Tanks
Vendors Rooms



*Please Join Us for a Three Day Celebration
of All Things Cichlid and Catfish*

Event Registration is Now Open at:
OhioCichlid.com/Extravaganza/Registration

Rooms \$70. Reserve Now @ Holiday Inn Strongsville (440) 238-8800



Project
PIABA
Buy a Fish, Save a Tree!

Join the Project Piaba team for an experience of a lifetime!

Join the expedition to the Rio Negro River in Brazil and observe all aspects of the home aquarium fishery.

The trip includes:

- 2 weeks on a well appointed live-aboard boat
- Visit biological hotspots
- Visit Fishing communities
- Participate in the Ornamental Fish Festival of Barcelos
- Visit home aquarium fish export facilities
- Visit the world-famous Manaus Opera House

Rio Negro Expedition
January 21 -
February 3, 2017

Contact Scott Dowd for more information and to reserve your spot for the next Expedition!

SDowd@NEAq.org
(617) 973-5243





Project
PIABA
Buy a Fish, Save a Tree!



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*)

