



REFLECTOR

PUBLICATION OF THE CENTRAL NEW YORK AQUARIUM SOCIETY

June 2024, Volume 48, Number 10

CNYAS Annual Award Banquet

The Retreat Restaurant

302 Vine Street, Liverpool 13088

June 19, 2024

Cocktail Hour starts at 6 PM

Buffet Dinner 7 PM

Any Questions call Sue Kotcher 315-382-5139



CENTRAL NEW YORK AQUARIUM SOCIETY

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CNYAS GENERAL MEETING

LOCATION

The Dewitt Community Center
148 Sanders Creek Pkwy
East Syracuse, NY

DATE / TIME

Wednesday September 18, 2024
@ 7:00 pm

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- 2) The article is reprinted in its original form.
- 3) The original author is credited appropriately.
- 4) An author's copy is provided to the Editor at the time of distribution of the reprint.

Exchanges:

CNYAS will exchange publications with any non-profit hobby related organization with the following stipulations: 1) The request to exchange must be made in writing. 2) The organization informs us of their reprint policy 3) The exchange is mailed to The **Reflector** Exchange Editor upon publication.

CNYAS Background Information:

The Central New York Aquarium Society, Inc. was established in 1976. It is a non-profit organization under section 501 {c} {3} of the Internal Revenue Code. Board meetings are held the 2nd Wednesday of each month. General meetings are held on the 3rd Wednesday of each month at the Dewitt Community Hall in East Syracuse. General meetings normally begin with a brief business meeting followed by a guest speaker, refreshments, door and raffle prizes, and a mini- auction of live fish, plants, and other hobby related items.

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Officers

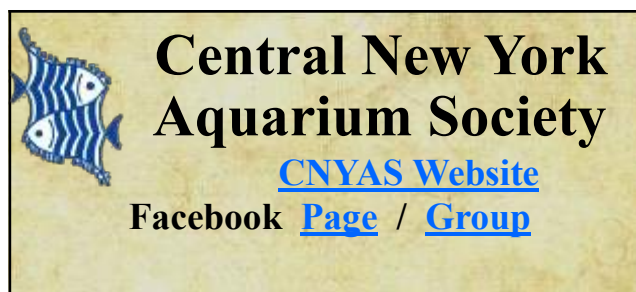
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Board of Directors

Brian Bowers
Clifford Crain
Ron Alexander
Bill Newell
Herschel Beeman

Chairpeople

BAP: Herschel Beeman
AHAP: Bill Newell
WAP: Arnaud Germain
Bowl Show: Arnaud Germain
Auction: Ron Alexander & Brian Bowers
Membership: Denise Baird
Exchange Editor: Clifford Crain
Assistant Secretary: Sue Kotcher
Hosp. & Refreshments: Mary Teelin
Swap Meet: Doug Hillman
Webmaster:





PRESIDENTS MESSAGE

Ron Fabiny

Presidents Message June 2024

This month is our awards banquet which will be at the Retreat in Liverpool, NY. You must have been signed up at the May meeting with Sue to attend.

We had our annual elections you can see the elected people in this Reflector.

Our 4th annual Swap Meet will be Saturday September 14th it will again be at the Liverpool Elks Club.

We will have our picnic on August 3rd at my house. All we ask is to bring a dish to pass. The club will be supplying all meat and drinks. (No alcohol) Please bring a chair and your towel and swim suit. I will have a sign-up sheet at the banquet.

If I do not see you please have a safe and fun summer. Meetings will start again in September.

Ron

ANNUAL ELECTIONS FOR OFFICERS AND BOARD

The CNYAS held its annual elections for Officers and Board positions at the May general meeting on May 15, 2024 at the Dewitt Community Center. The following individuals have been elected for a one year term. The term of office for the newly elected members of the Executive Board shall commence following the close of the June general meeting.

PRESIDENT: Ron Fabiny

VICE PRESIDENT: Len Futterman

SECRETARY: Mary Teelin

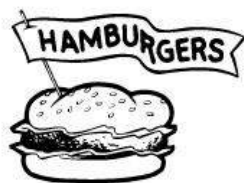
TREASURER: Bob Kotcher

EDITOR: Doug Hillman

BOARD MEMBERS:

Chip Alexander
Bill Newell
Herschel Beeman
Mike Flintrap
Clifford Crain

CNYAs FAMILY PICNIC



August 3RD
1PM to ???



Ron Fabiny's House
5237 Cremona Trail, Clay, NY

Directions from North and South: Exit 81 on Route 31 west go approx. 2 miles at flashing yellow light turn left (south) on Caughdenoy Rd. Got to first left, turn on Navara Rd. Go to end turn right on Rizzo, Go to third street on right and turn on Cremona Trail. From East: Take Route 481 to Exit 11 Caughdenoy Rd. At exit go straight to your first right, turn on Navara Rd. Go to end turn right on Rizzo, Go to third street on right and turn on Cremona Trail.

Bring a dish to pass, bathing suits, towels, and a chair

The club will supply meat & soda. Please contact Ron if you are attending by July 27th so that we can get the proper amount of food.

Family

Fun

Food

Games

BOARD MEETING**CNYAS Board meeting**

5/8/2024

Attending: Ron Fabiny, Ron Alexander, Len and Mary Futterman, Doug Hillman, Bob Kotcher, Bill Newell, Hershel Beeman, Clifford Crain, Brian Bower

1. Committee Reports:

1. Treasurer—Report
2. AHAP— see Reflector, No Green Thumb award this year as AHAP is just restarted.
3. BAP- see Reflector, Hunter Collins got Breeder of the Year Award for 2024
4. WAP- see Reflector, Talk to Arnaud about Scaly Eraser Award
5. Membership-71 paid members.
6. Auction - Auction was a great success! Thanks Ron A, Brian B and Ron F plus all the members who helped with the auction. Ron A to look into getting a table sign. Shrimp raffle and sales were very successful. How to keep people there longer. 2 people to help bring up tables. May start earlier. Bring sound system from storage locker. New tee shirts this year.
7. Bowl show- see Reflector.
8. Webmaster- Tom Garafalo is taking over as Webmaster, thanks Tom! Going to give Tom and Brenda a lifetime membership. All voted in favor.
9. Exchange editor- still getting articles. Cliff is doing a great job.
10. Reflector— Doug is doing a great job!

2. Old Business:

1. The swap meet was a huge success! Next time 10-1400. Got new members. Len thanks all members that helped. Next swap meet Sept 14th at the Liverpool Elks. Doug Volunteered to chair the swap meet
2. Voted to Change Superbowl prizes to cash, talk about increasing prize amount next year. Voted to increase prizes to 1st 35.00, 2nd 25.00 and 3rd is 20.00.
3. Len to work on speakers for this year. May Speaker is Prof Elisa Livengood from SUNY Morrisville
4. Next board meeting Feb-Zoom, March-Zoom; April-Doug, May - Hershel, June - Brian
5. Going forward with the Banquet for June. Cost is \$10 per person

3. New Business:

1. Need to take nominations for board members and officers in April and vote in May. Need a nomination chair.
2. Need flyer for Swap meet in Sept.
3. Picnic is August 3rd at Ron's House
4. Send speaker info to Len
5. Aquariast of the year award
6. Chairman of programs need to get info to Mary by last week in May

CNYAS General Meeting 5/15/24 .



Flying with the Flier Cichlid

By: Clifford H. Crain, Jr.

Archocentrus centrarchus is a cichlid that has always fascinated me, even in my first go-around with fish in the early 1980s, due to its disc-shaped, strongly compressed body. About a year ago, The Wet Spot fish store in Portland, Oregon offered them for sale, so I bought six juveniles, and the store sent them to Syracuse via UPS Next Day Air.

One thing that puzzled me was the common name given to this fish: the Flier Cichlid. That source of all knowledge, Wikipedia, indicated that the common name is derived from the common name given to *Centrarchus macopterus*, a sunfish from the family Centrarchidae. Its common name is simply the Flier. It turns out the Flier Cichlid was named after the Flier due to a resemblance of the cichlid to the sunfish.

That explanation just kicks the naming question back one level: why was the sunfish named the Flier? My Webster's New Twentieth Century Dictionary Unabridged dictionary lists nine definitions for "flier," including one who flies or flees, a fugitive, a small handbill widely distributed, an aviator, a thing capable of great speed, and a reckless venture in speculative business. Maybe the Flier sunfish is really fast, but the Flier Cichlid is not unusually so.

Naming puzzle aside, this is a fish that I've really enjoyed. It is a member of a broad group of Central American cichlids known as *chanchito* "piglet" for their habit of rooting in the substrate for food. Other members of this group are the once-popular rainbow cichlid and the much-reviled convict cichlid. The Flier Cichlid is in its own genus due to teeth and fin differences with other cichlids. They have a gray body with vertical black stripes, but unlike a convict cichlid, the Flier Cichlid's stripes are concentrated in the rear half of the body. While considered the largest, and according to Paul Loiselle, the least aggressive, of the *chanchitos*, they don't grow too big, about 4" SL for the male and a little smaller for the female, so a huge aquarium is not necessary for them.



Female *Archocentrus centrarchus* (normal coloration)

My Flier Cichlids grew up by themselves in a 40 gallon breeder aquarium with gravel, limestone rocks, four flower pots on their sides, an air-driven box filter and a large sponge filter. I do a 15%–20% water change twice weekly and keep the LED light on seven hours per day. Despite the reputation, mentioned above, of this group of fish digging in the substrate for food, my *A. centrarchus* were highly aggressive feeders of floating food. They devoured flakes, floating pellets and frozen food of all types, but what really made them want to jump out of the tank were live worms: white worms and red wigglers. When I feed worms, I prepare them at a table next to the Flier Cichlid tank, and the fish are pushing as hard as they can against the glass while watching me. I like fish that are intelligent and not timid, and the Flier Cichlid is definitely a hyper-outgoing fish!

After about eight months, I could tell spawning was imminent. The pair lost their normal coloration and instead assumed their breeding coloration with the lower two-thirds of their bodies turning jet black while the upper third remained gray. They cleaned the algae off the back glass and laid a large patch of eggs on the glass. Within a day or two the eggs were gone. Rats, no BAP points, but I was pretty sure they would spawn again, and they did, this time accommodating me by spawning on the side of a flower pot. Not wishing the eggs to disappear, and hungry for those 10 BAP points, I moved the pot to a 5½ gallon tank and placed an airstone near the pot. Despite numerous fungused eggs, about 70 fry were free-swimming in a week. I fed the fry crushed flake food and live newly-hatched brine shrimp twice daily. Another daily chore was changing about 20% of the water in the fry tank. At age five weeks I upgraded them to a 10-gallon tank, and I will continue to move them to larger quarters as they grow.

The parents spawned again on the same flower pot about a month after the second spawn, but with BAP points now firmly claimed, I left the eggs and fry with the parents. Mom and Dad both guarded the eggs, wrigglers and free-swimming fry, but after several days the fry were all gone.

I mentioned that *A. centrarchus* is in the same broad group as convict cichlids, but I want to emphasize that their level of aggression is quite a bit less than the notorious convict. The parents tolerated the remaining Flier Cichlids in the tank, guarding the spawning site and chasing the others away, but not killing or even hurting any of them. On the other hand, when my convicts spawned, the parents confined the others to the upper corner on the far side of the tank, eventually murdering them.

What to do with these fish, now that I've succeeded with them? The fry will show up in upcoming auctions and maybe some fish stores. As for the adults, the beauty of being a member of an aquarium society is that you are in contact with other aquarists. I made a deal with our esteemed editor, Doug Hillman: he would take my five *A. centrarchus* adults in exchange for his adult Turkana jewel cichlids, which he has already spawned and collected the BAP points. Jewel cichlids are a challenge for me: on two separate occasions I have acquired six juveniles, only to have them lose their color and die one by one. I'm hoping for success with the jewels Doug has traded me.



Male *Archocentrus centrarchus* (normal coloration)



Doug Hillman: *Archocentrus centrarchus* Fry

**Doug Hillman's follow up to Clifford's article
on
"Flying with the Flier Cichlids"**

A pair of the *A. centrarchus* that I traded with Clifford spawned and the parents were closely guarding the wrigglers. But after reading Clifford's article, I decided to siphon the wrigglers with an airline into a specimen container. I left some with the parents but a few days later, after they became free swimming, they were all gone.

Thank you Clifford for the advise!!!



WRITERS AWARD PROGRAM

Chairman– Arnaud Germain

PEN & QUILL

Crain	1623	Teelin-Futterman	711
Spahn	1416	Pitzeruse	652
Vormwald	1260		
Kotcher	831	Smith K.	600
Fowler	751	Fabiny	521

WORDSMITH

Kinney	470	Rademacher	215
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AUTHORS AWARD

Hillman	180	Baird	120
Doyle	115	Futterman	105

WRITERS AWARD

O'Neil	90	Cody	70
Beeman	85	Collins	75
Rafferty	80		

PARTICIPANT

Armstrong	40	Pomeranz	15
Smith I	40	Kocak	15
Van Camp	30	Sandler	10
Harris	20	Newell	10
Bertrand	20	Cepeda	10
Flintrop	20	Pope	10
Wisneski	20		

SUBMISSIONS:

Clifford Crain: "Fish Friends From Afar",
REFLECTOR, May 2024

Clifford Crain: "Convention Report: Northeast
Council of Aquarium Societies",
REFLECTOR, May 2024

Doug Hillman: "May Presenter facility Picture–
Cover", REFLECTOR, April 2024

Doug Hillman: "Club Members Fish and/or Aquarium",
REFLECTOR, May 2024

Ron Fabiny "Club Members Fish and/or Aquarium",
REFLECTOR, May 2024

Clifford Crain "Club Members Fish and/or Aquarium",
REFLECTOR, May 2024



AQUATIC HORTICULTURE AWARD PROGRAM

Chairman– Bill Newell

Name Points Species

Grand Master

Spahn*	4,015	288
1,2,3,4,5,6,7,8,9,10,11,12,13,14		
Pitzeruse, W*	1,230	87
1,2,3,4,5,6,7,8,9,10,11,12,13,14		
Fabiny*	940	68
2,3,4,5,6,7,8,9,10,12,13,14		

Master

Van Camp*	465	36
1,7,8,9,11,14		
Lee*	575	42
3,4,7,8,10,12,13,14		

Expert

Senior

Snead*	460	26
2,4,7,10,14		
Kotcher*	165	11
10,14		

Aquatic

Futterman*	180	16
Beeman	190	19
3,4,6,7		

Beginning

Wisneski	65	7
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Participants

Janus	25	4
Smith	20	1
Taylor	50	6
Yard	95	9
Newell	35	7

Additions:

None



BREEDER AWARD PROGRAM

Chairman - Herschel Beeman

Name	Points	Species	Name	Points	Species
<u>Grand Master</u>			<u>Participants</u>		
*Van Camp	965	77	Spahn	30	3
1-2-3-4-6-7-8-9-11-13-15-16			Domanowski, S	25	4
			Chris Pollard	20	2
<u>Master Breeder</u>			Maxwell	20	2
*Pitzeruse, W.	610	50	Kotcher	10	1
1-2-3-4-7-8-9-11-12-13-14-15-16			Futterman, L	10	1
Beeman	615	46	Futterman, M	5	1
4-7-8-11-12-16					
Fabiny	525	46	Numbers under the name are completed Specialty Classifications groups.		
1-7-8-11-12-14-15-16			*Indicated Species Classification Award		
<u>Expert Breeder</u>			^Indicates first spawning		
Hunter Collins	235	13	New Additions:		
8, 11					
<u>Advanced Breeder</u>			Clifford Crain	10 Points	
Clifford Crain Jr.	190	16			<i>Herotilapia multispinosa</i>
7,8					
Newell, William	155	12			
8			Doug Hillman	25 Points	
<u>Breeder Award</u>					<i>Neocaridina davidi</i>
Doug Hillman	95	11			<i>Poecilia salvatoris</i>
11					<i>Amatitlania nanolutea</i>
Wisneski	65	7			
11					
Denise Baird	65	4			
Chris Allen	60	4			
11					



BOWL SHOW

Chairman - Arnaud Germain

YTD Scores:

Bill Newell: 281 points
Doug Hillman: 183 points
Denise Baird: 99 points
Justin Olney: 96 points
Mary Futterman: 11 points
David Pomeranz: 11 points

Thank you to the many fish participants this year!
See you in the fall!

The 2023-2024 Categories will be as follows:

September: Livebearers
 October: Killies
 November: New World Cichlids: North Centra
 December: Barbs, Rasboras & Danios
 January: Goldfish & Koi
 February: Catfish & Loaches
 March: Bettas, Anabantoids & Gouramis
 April: Old World Cichlids: Africa & Asia
 May: Super Bowl

Don't forget the OPEN category option at each meeting.

All bowl show guidelines are available online in the Members Handbook (pages 5-6)

To participate, either bring your fish in person or submit pictures to ag297@cornell.edu before noon on Tuesday before the general meeting. Online submissions will be displayed during the meeting break using the projector for judges to award points.

We had 6 entries for the 2024 Super Bowl!

- A. *Aphyosemion striatum* (Red Striped Killifish) – First place – Bill Newell – 21 points
- B. *Ancistrus* sp. “Wabenmuster” (Honeycomb Bristlenose Pleco) – Second place – Doug Hillman – 16 points
- C. *Platydoras armatulus* (Striped Raphael Catfish) – Third place – Doug Hillman – 10 points
- D. *Pangio semicincta* (Striped Kuhli Loach) – Justin Olney
- E. *Limia perugiae* (Glitter Livebearer) – Bill Newell
- F. *Betta splendens* (Mustard Gas Half-Moon Betta) – Bill Newell

A**B****C****D****E****F**

The Central New York Aquarium Society losses a long time club member

John Miller



- John Miller passed away on May 14, 2024
- John was a long time member of the CNYAS
- John was on the Board of Directors for the CNYAS 2001-2003
- Chair of the Bowl Show 2001-2003
- Awarded a Special Recondition Award from the CNYAS for Outstanding Service in 1994
- John owned and operated Empire Aquatics (which his daughter Shelly now operates)
- John was also a member of the New York State Rabbit Breeders Association
- John enjoyed model trains, raising and showing rabbits, raising and breeding fish, farming and spending time with his family and friends.

He will be missed by all

EMPIRE

AQUATICS
(315)684-9858



FISH FRIENDS FROM AFAR

EXCHANGE REPORT

By: Clifford H. Crain, Jr.

By Clifford H. Crain, Jr.

Fish Friends From Afar #26 Exchange Report

By: Clifford H. Crain, Jr.

While attending the Northeast Council of Aquarium Societies convention in April, I had the pleasure of meeting Mandy Goan, president of the Aquarium Club of Maryland. Always on the lookout for aquarium society publications to review, I asked Mandy if we could exchange publications. Check out what I found in their publication, *MD Finquirer*.

“Basic Betta Care Guide” by Paige Bachman ***MD Finquirer*, Aquarium Club of Maryland, May 2024.**

As the title suggests, Paige reviews the basics of maintaining bettas. Tank size: 5 gallon minimum for a single betta (no cups or small bowls); filtration: as with any fish, filtration helps to maintain the nitrogen cycle (just keep the flow rate low); heaters: they like it warm; substrate: personal preference; live plants: “Bettas benefit greatly from live plants in their tanks” and Paige has a list of low-light, easy plants; diet: they’re carnivores, so high protein food is called for; tankmates: can be kept with other peaceful fish.

“The Joy of Container Ponds: My Journey” by Mandy Goan ***MD Finquirer*, Aquarium Club of Maryland, June 2024.**

To say that Mandy is enthusiastic about container ponds is an understatement. She lists the fish and plants that she keeps in her container ponds and relates a key advantage of these ponds: “One of the most surprising benefits of these container ponds was a noticeable reduction in the mosquito population around my home.” Following up on that, she included some carnivorous plants in the mix: “I wanted to address the other bugs that did not reproduce in water.” The result was a big reduction of unwanted insects in her garden. Mandy’s article includes numerous photographs.

“Container Ponds” by Brenda Krause ***MD Finquirer*, Aquarium Club of Maryland, June 2024.**

Immediately following Mandy’s article on container ponds is this one by Brenda Krause. Brenda takes a “how to” approach in her article, including selection and setup of the container, addition of substrate, filter and plants, introducing the fish, and maintenance. “With a little care, your container pond will soon become a vibrant miniature ecosystem, adding tranquility and beauty to your outdoor living area.”

**“The Elegant Moonlight Gourami *Trichopodus microlepis*” by Mike Hellweg (Certified Fish Nut)
The Darter, Missouri Aquarium Society, May/June 2024.**

Mike has written another of his informative and interesting articles in his “Minifins” series, this time on the ever-popular Moonlight Gourami. He loves these fish since they meet the Oxford English Dictionary definition of elegant: “pleasingly graceful and stylish in appearance and manner.” Mike notes that “while they are larger gouramis, unlike their more aggressive cousins, they are peaceful members of medium to large sized community tank.” After discussing its scientific name and native habitat, he recommends they be fed floating food since “they are oriented towards the surface and will instinctively go for anything that lands on the water surface.” For breeding, Mike recommends the water parameters to be neutral and very soft, great if you live in St. Louis like Mike does, not so great in Central New York with its typically hard and alkaline water. Place the male in the heavily planted spawning tank, allow him to build a bubble nest, and condition both fish. After ten days, add the female to the spawning tank. After the spawning, which can result in up to 1000 eggs, gently remove the female without disturbing the nest. The male will tend to the nest, and “do not feed him. He will not eat and the food will just pollute the tank.” After the eggs hatch and the male stops tending the nest, remove the male. The tiny fry should be fed infusoria, and Mike recommends feeding a quart of infusoria per day using the drip method. About day five the fry can graduate to vinegar eels and newly-hatched brine shrimp. Mike recommends avoiding microworms since they sink to the bottom while the fry prefer floating food. “After about 30 days, you can start adding flakes and fine crumbles, and, if you choose, over several days switch to these artificial foods completely.”

**“Pencilfish, Three Ways” by Mike Huber
The Darter, Missouri Aquarium Society, May/June 2024.**

Mike illustrates three ways to spawn the peaceful pencilfish of the genus *Nannostomus*.

Method #1: 20 gallon tank, 50/50 mix tap and RO water, very heavily planted, fry not removed.

Method #2: Outdoor tub, rainwater, heavily planted, outdoor live foods

Method #3: 10 gallon tank with divider, spawning mops under false bottom, mops and eggs transferred to other side of divider.

In all three cases, Mike fed the adults generously with live foods and the fry got micro-organisms from leaf litter and sponge filters, live newly-hatched brine shrimp, vinegar eels and powdered flake food.

**“Warm. Cool. Cold.: Temperature in the Freshwater Aquarium” by David Farel
The Darter, Missouri Aquarium Society, May/June 2024.**

This is part 3 of David’s in-depth discussion about temperature and its effect on fish. Most of us know that warm water can hold less dissolved oxygen than cool water, but David provides a chart showing the effect of temperature on dissolved oxygen. (Spoiler: the effect is dramatic!) Because plants use oxygen at night, “keeping a densely planted tank at high temps is inadvisable.” What about the effect of temperature on deadly ammonia? David provides a chart showing the relationship between temperature, pH and ammonia concentration. The higher the temperature and the higher the pH, the easier it is for ammonia to occur in the aquarium. David wraps up his article with one of my favorite topics, heater failure and the cost of heating aquariums. This whole series of temperature and its effect on fish has been very informative and told in an interesting way.

“Suckers of the Sunda: The Ornamental Hillstream Loaches Part Two” by Samuel Joseph Fernald and Marcel Wuethrich

***The Darter*, Missouri Aquarium Society, May/June 2024.**

Hillstream loaches are rapidly growing in popularity among aquarists. In part one of this series the authors covered the care and breeding of hillstream loaches. In this episode, they “dive deeper in the world of loaches, showcasing all 12 genres of *Gastromyzontidae* and where they come from.” Their article includes many photographs.

“Neocaridina Shrimp” by Jennifer B. Silverman

***Tank Tales*, Aquarium Club of Lancaster County, May 2024.**

Jennifer recommends Neocaridina shrimp for beginning shrimp keepers, as its requirements are pretty simple: small tank, clean water and plenty of food. She provides a long list of special shrimp food for both adults and fry.

“*Epiplatys dageti* ‘Monroviae’” by Scott Johnson

***Tank Tales*, Aquarium Club of Lancaster County, May 2024.**

Scott was surprised that these killifish had eggs in the spawning mop the very next day after he purchased them. He placed the eggs in a deli cup. Scott knows that if he keeps killie eggs in his very hard tap water, the eggs calcify, so he mixes distilled water with the tap water, ½ and ½. The eggs hatched, and he found that “these fry are possibly the smallest I have ever seen ... I use a magnifying glass.” Scott livens his article with doses of humor.

CNYAS articles reprinted/reviewed/mentioned in other publications:

“The Easy Way to Fill Aquariums: Handy Hose and Faucet Devices” by Clifford H. Crain, Jr., *Reflector* April 2024, reviewed in *Aqua Antics*, Sarnia Aquarium Society, May-June 2024.



Good Luck to Hunter Collins and Carly Catherine
with their new Home and Farm in
Providence Forge, Virginia

Hunter Collins:
2023 CNYAS Breeder of the Year
2024 CNYAS Breeder of the Year



UPCOMING EVENTS

June 12, Board Meeting
June 19, CNYAS Banquet
August 3, CNYAS Picnic
Sept. 11, Board Meeting
Sept. 14, CNYAS Swap Meet
Sept. 18, General Meeting

BOARD MEETINGS

Board meetings are held on the 2nd Wednesday of the month and are open to all members who would like to attend.



CNYAS CLUB MEETINGS

Each monthly meeting consists of :

- Short business meeting; program (slide show, movie, guest speaker, etc.).
- Break (refreshments/social gathering)
- Bowl Show bi-month.
- Mini auction of member items (plants, fish, equipment, etc).
- Raffle (equipment, books, food, magazine subscriptions, etc.).
- Free door prizes; question and discussion session.

CNYAS COMMITTEE MEMBERS

Witnesses for the BAP and AHAP Programs

Sue Kotcher BAP
 Clay (315) 622-9668

Winnie Pitzeruse BAP AHAP
 Syracuse (315) 488-0133

Ron Fabiny BAP AHAP
 Clay (315) 440-5806

Len Futterman BAP
 East Syracuse (315) 560-0955

Herschel Beeman BAP
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Bill Newell AHAP
 (315) 440-9513



Central New York Aquarium Society



CNYAS is a non-profit educational organization with a goal of furthering the study of all forms of aquatic life. In order to achieve this, we promote the interest in, and encourage the breeding of, aquatic life. Through the exchange of ideas and distribution of information concerning the hobby, we will advance our members' knowledge of the hobby, providing valuable information to those who seek it.

[CNYAS is now on Facebook!](#)

CNYAS 4th Annual Swap Meet Saturday, September 14th

Tables: 1 for \$20 2 for \$35 3 for \$45

**WWW.CNYAS.NET and
<https://www.facebook.com/cnyasnet/>**

**10AM - 2PM
Elks Lodge
3730 Cold Springs Rd.
Baldwinsville, NY 13027**

Fish, Plants, Hardgoods, Foods.

**Sales are the responsibility Buyer and Seller ONLY..
Central New York Aquarium Society is not responsible for items sold**

**Contact Lenny Futterman or Susie Rafferty
At CNYAS.swap.meet@gmail.com**

**The Central New York Aquarium Society
would like to Thanks these Companies and Individuals for
their contributions and support**

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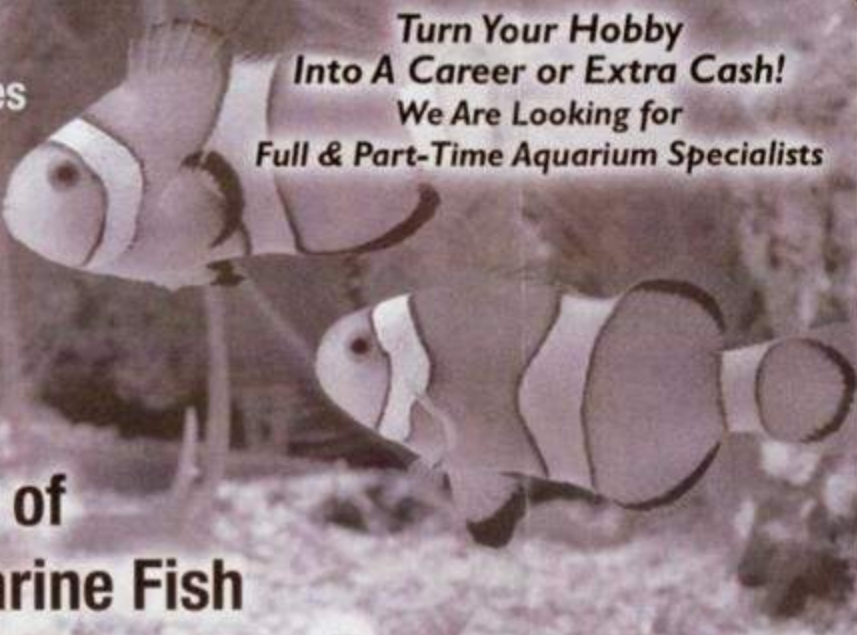


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- Cap — \$20
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For information:

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email futtermania@gmail.com**

REFLECTOR ARCHIVES

CNYAS has made our archives of past published Reflectors available online to all members. They go all the way back to 1976, to the inception of our club. The link below will take you to the archive. Enjoy your trip through our fishy past!

<https://tinyurl.com/CNYASreflectors>

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2022/2023 MEMBERSHIP DUES**\$15.00 - Individual****\$20.00 - Family****Contact:**

Bob Kotcher @

CNYAS-Treas@gmail.com for payment details.

REFLECTOR ARCHIVES

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