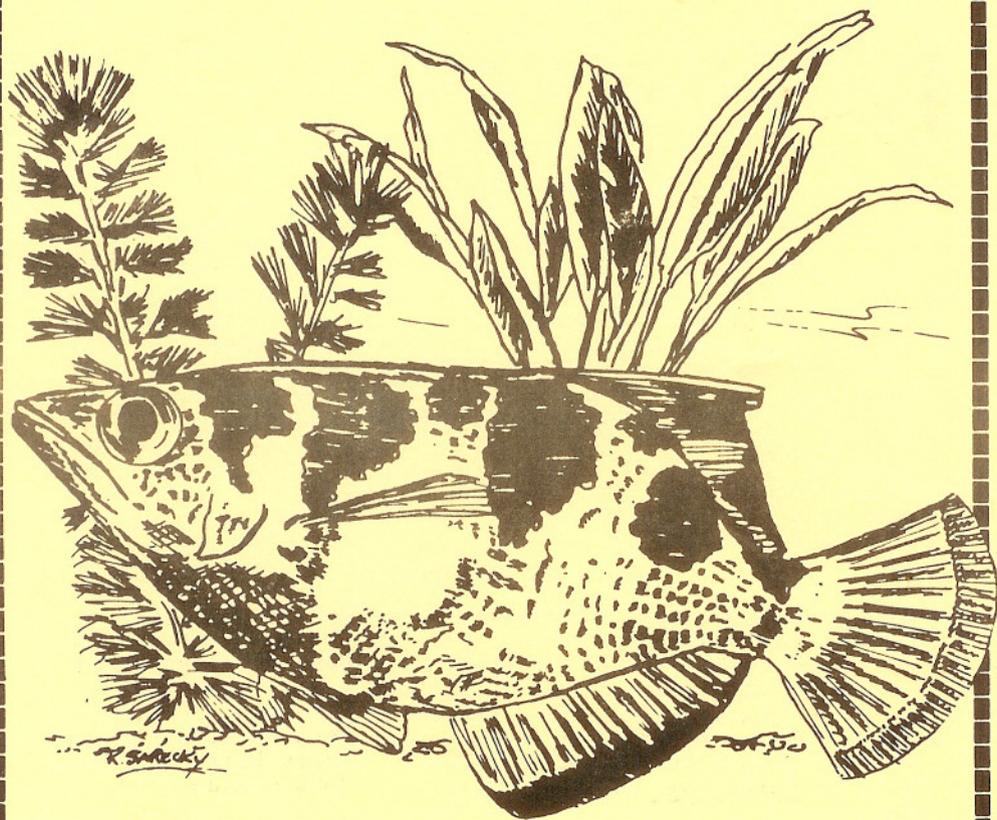


* DELTA TALE *

Sept./Oct.
1992

OFFICIAL PUBLICATION OF

potomac valley aquarium society



FALL SHOW AND AUCTION OCT. 9-11.
DETAILS INSIDE

The Delta Tale is published for the benefit of the membership of the Potomac Valley Aquarium Society, Inc., a non-profit educational and social organization. The society was founded in 1960 for the purposes of furthering the aquarium hobby by the dissemination of information and advice, and to the promotion of good fellowship among the membership by organized activities and competitions. All correspondence to the Society and to Delta Tale should be directed to Box 6219, Shirlington Station, Arlington, VA 22206. Original articles and artwork appearing in Delta Tale may be reprinted by other non-profit organizations if credit is given to the author, Delta Tale, and PVAS. Two copies of the reprinting publication should be sent to Delta Tale; please include the authors name on one copy so it can be forwarded. The Society disclaims any responsibility for the content or availability of merchandise or services advertised in the Delta Tale. Customer satisfaction is a matter to be worked out between the advertiser and the buyer. All material for inclusion in Delta Tale must reach the editor by the 10th of the month preceding the issue month.

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Bowl Shows	
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Ways and Means	Pete Thrift
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<u>Delta Tale</u> Editor	John Mangan



TOP CAT PRINTING

LETTER FROM THE PREZ:

Hi Guys:

Poor John (Ed.) has been waiting so patiently for this but it takes a long time for me to get it from my head to paper. And speaking of John I want to let everyone know that he is the proud winner of a FAAS award for an article he wrote (I can't find my notes - it is very early in the morning) in the Delta Tale. He is proud, I am proud of him and I am sure that all of you are proud of him and the Club.*

Update - The all natural aquarium is doing well. I have only had to make about 45 water changes since I last wrote. The ammonia level went so high it wasn't measurable so I change about 25% every other day. That is the bad part - the good part is that the plants are doing great. Even the poor little black algae covered anubias that I found languishing in the back of a tank somewhere is growing new leaves practically before my very eyes and I had heard that they were very slow growers. I guess the secret lies in the lack of an undergravel filter and no glass or plastic between the water and the light bulb. Yes, the fish are fine - naturally - who wouldn't be with 25% water changes every other day?

Update - The worms were almost a bust. There were so few adults that I couldn't even feed my own fish let alone sell any. There were quite a few little ones but they never seemed to get big. Then I discovered that the mice were getting into the boxes and having a field day. They were digging and eating and Lord only knows what else. I trapped one and took him far away to live in the woods. Bet he was surprised. Last Saturday I called the place where I bought the originals and the man there told me that when production starts to drop you have to change the bedding. Even if you feed on the top they still do a lot with the bedding and it gets "used up". Kind of like water changes, huh? So... I have 10,000 new arrivals on the way and will prepare them all new bedding and we will see what happens this time. (I wish there was some way to write this with the lovely Georgia accent the worm man had.)

I joined that Club a couple a years ago to try to increase my knowledge of fish and their care and I can say that I have learned a lot from the wonderful pool of experience that I find in our membership. But I must say that I learned the most startling piece of information on the wall of a Jewish Deli in Olney, Md. last Sunday. There was a letter of testimonial by my booth from a Rabbi extolling the virtues of the food at this establishment. He mentioned various dishes and finally noted that there was something for everyone, even a "tuna platter for vegetarians". Until that moment I had not know that a tuna was a vegetable!!

cont. on page 16

WHAT'S HAPPENING

- Sept. 14: PVAS Monthly Meeting. speaker, door prize, raffles, mini-auction, bowl show-Tetra & Open categories, plus more. Doors open at 7:30, meeting starts at 8:00, everyone is welcome.
- Sept. 20: PVAS Field Trip to Hunting Creek Fisheries. This is a rare opportunity to get a behind the scenes tour of this facility. You don't want to miss this one. There is a page of directions and a map elsewhere in this issue. I had nothing to do with the map or directions so you don't have to worry about getting lost. We plan on meeting at Hunting Creek about 1:00 pm. Come to the Sept. meeting and you may be able to find someone to carpool with.
- Oct. 10-11: PVAS Fall Show & Auction. Complete rules, times, etc. can be found elsewhere in this issue. Plan on participating. We need your support to make this a success. This year our show will be held in conjunction with the Chesepeke Area Killifish Club show. Read the rules carefully. Re read my article on showing in the last issue of Delta Tale. If you have ANY question at all ask someone. Any PVAS officer will be glad to help you.
- Oct. 19: PVAS Monthly Meeting. All the usual good stuff (see above). Bowl show categories- Livebearers and Open.
- Nov. 9: PVAS Elections. Nominations will be accepted from the floor prior to the voting. If you would like to run for an office PLEASE contact John Mangan or Gerry Hoffman prior to this so they don't get ulcers trying to come up with candidates to fill all the offices.

Subliminal Message:PARTICIPATEPARTICIPATEPARTICIPATEPARTICIPATE.

Any PVAS member may place an ad in the Trading Post at no charge. Deadline for the next issue is Nov. 9. Send ads to John Mangan, 9770 Oleander Ave, Vienna, VA 22031.

Help Wanted: The ad in the last issue was not a joke. I very badly need someone to be the VA circulation manager. The job requires seeing that copies of the Delta Tale are distributed to the shops listed in back of the Delta Tale.

You do not have to deliver them all by hand yourself. You should be able to find several volunteers to deliver some. The rest can be mailed. If Ray Hughes can hand deliver all of the MD issues then there surely must be someone in VA that can stuff envelopes and take them to a post office.





1-800-628-2022
1-301-271-7475

HUNTING CREEK FISHERIES, Inc.

6916 BLACK'S MILL ROAD
P.O. BOX 308
THURMONT, MARYLAND 21788



Fax 301-271-7059

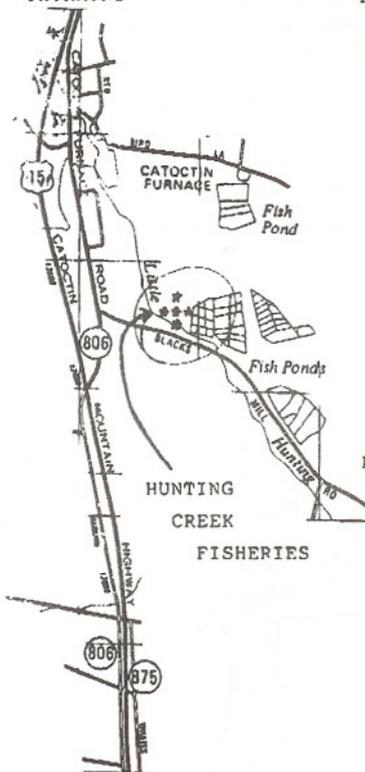
DIRECTIONS

TO

HUNTING CREEK FISHERIES

495 to 270 to Frederick

THURMONT



From: Frederick, MD

- 1) Take Route 15 North toward Thurmont.
- 2) About 12½ miles north of Frederick, turn right at "Catoctin Furnace Road. (See sign on median strip marked "Catoctin Furnace Road/Catoctin Furnace")
- 3) After turning onto Catoctin Furnace Road the first road on your right is Blacks Mill Road (about 500 feet).
- 4) Turn right onto Blacks Mill Road and proceed past a row of small houses on left.
- 5) Our gate is on the left after the last small house. Turn left onto our lane and follow the road to our office building.

From: Thurmont, MD

- 1) Take Route 15 South past Thurmont.
- 2) From the last Thurmont exit (Pizza Hut, ~~Kyrages~~, McDonalds, etc. Exit) proceed 3.1 miles to Catoctin Furnace Road and turn left (See sign on median strip marked "Catoctin Furnace Road/Catoctin Furnace"). Follow directions 3, 4, and 5 in the directions above from Frederick, MD

FREDERICK

We will be meeting at Hunting Creek at 1:00 pm.
Sunday, Sept. 20, 1992.

LOOK

ALLY GOLD FISH SINCE 1924 --

PHILODINA: A ROTIFER

by Jim Long, PVAS

In 1972 a group of us were having reasonable success with breeding several fishes with very small fry. Our success with raising the fry was another story. Grinding fish food with mortar and pestle, raising infusoria (the dried lettuce way), and brine shrimp, were the methods of our failure to produce significant numbers of fry.

We got a Carolina Biological Supply catalogue and searched through for one-cell and multicellular organisms that sounded reasonably sized and capable of culturing without major efforts.

Our order included two kinds of paramecium, Euglena, and Philodina. I wasn't interested in the Euglena, and after seeing the paramecia decided they were too small, but the rotifer looked just the right size. The rotifer was not an absolutely pure culture, but was mainly Philodina and its food organisms. The original culture, split four ways, was in a small test tube.

My initial culturing methods centered on gallon jars, filled only to where the neck reduced to maximize surface area. My culture food was a few split peas and some dried mixed baby cereal. Typically, these cultures go through a period of clear water with freshly added food and an inoculant from an existing rotifer culture. This inoculant must be added; if you simply add the foods and the water to the jar, rotifers will not grow! Spontaneous generation does not exist. I mention this obvious fact only because of a call for directions on how to culture rotifer, and the follow-up phone call two weeks later to complain that nothing was growing. When I asked where they got their starter culture, and the response was, "Is that necessary?", I was floored by the question from a semi-civilized, antiseptically-clean, college educated person.

Back to the other important stuff. The gallon jars proved to be rather fast cycling from initial start to old culture. So I started using fish tanks of various sizes. My favorite culture size is a 20 gallon high; this size seems to maintain a usable stage, and stable culture environment.

The stages a culture goes through are:

1. inoculation.
2. rapid bacterial growth with cloudy water and scummy white layer on the surface.
3. rotifer in a free swimming and sessile state near the surface.
4. clouds of mainly rotifer at various water levels, seen with the aid of a concentrated flashlight beam through the sides of the tank.

Tips for best culture success:

1. Start your culture at least two weeks before you need it.
2. Maintain at least two cultures (not necessarily the same size); they will not begin production the same even if you think everything is identical.

3. Grow the culture in a not too well lit area; algae growth uses food.
4. Sprinkle a little more dried mixed cereal on top as things appear to be used up and getting clear again.
5. Periodically stir the contents of the culture containers, wipe down the sides, and siphon off approximately half the contents to start a new culture and freshen up the old one.
6. Do not aerate-- water motion is not beneficial.

The life phases of culture growth that I like to give names are infancy, when it's new and nothing's happening; childhood, when you can see things happening; maturity, which is a longer, more stable period when harvesting the rotifers and adding fresh water actually seems to prolong the period when there are harvestable quantities; and old age, when there is still visible rotifer but not in dense clouds and not easily harvested in usable quantities.

My most successful method of harvesting involves using a flashlight shining through the side of the culture container and a small siphon, taking from the most densely clouded area of rotifer. This material is siphoned into a fairly tall cylindrical jar with a wide mouth. After waiting a few minutes the rotifers will usually form a very dense layer and can be further concentrated by removing with a baster to another jar. Don't wait too long after they concentrate for they then disperse. The material in the larger jar can be returned to the culture and the small jar with concentrated rotifer fed to the babies. The rotifer will swim throughout the baby rearing container and fish at all levels will eat it. Fry up to 3/8" to 1/2" eat this food, sometimes eliminating the need for brine shrimp, especially if microworms are a good next food.

An old age culture can often be left idle for several months and rejuvenated to a usable level with an infusion of added food and some fresh water. The rejuvenation takes one to two weeks.

I have let a culture idle for over a year and brought back what looked like a tank of clear water with brown mulm on the bottom to a usable culture in two weeks. I never throw anything away!

Fry that do well with this food are fry that are too small to eat baby brine; e.g., many anabantoids, many rainbows, small killies like *Epiplatys annulatus*, many tetras, white clouds, and rasboras. Most other babies will eat it as an addition to other foods.

One of the advantages of this first food is the fact it is fresh water based and stays alive in the baby tank. One disadvantage is that the water can become fouled by the excess nutrient, so care must be used.

I use several floating plants to temper water quality (riccia, lemna, sprite) and some careful partial water changes. Caution: fry are easy to remove by mistake but not on purpose.

Good luck with your culture and may it broaden your horizons and improve your fry raising success as it has for me.

Anyone who wants to keep discus, and is willing to provide simple care, can keep discus successfully. Jack Wattle is preaching this when he speaks publicly, as are many of the other well known breeders. I say it's true because if I can do it, anyone can.

Last, but not least, what I believe to be the important points to remember for successfully keeping discus:

1. Don't crowd them. A MINIMUM of 4-5 gallons per adult fish and preferably 10 gallons per fish.

2. Regular, consistent water changes. 25 to 50% weekly as a minimum, and twice a week or every other day even better.

3. Within reason, the pH and hardness don't seem to make much difference. As I said, I've used the expensive equipment to change the hardness and pH and I've stopped using them. The changing of the water seems to be much more important than the pH or hardness. As I said, I now do my water changes straight from the tap and that's at a pH of 7.4 and a hardness of about 120 ppm.

4. The only medications I've had to use are metronidazol (hex-a-mit) and formalin - and if I don't neglect the water changes, I don't seem to have problems that require medication.

5. Bare tanks or furnished. I have both and again with consistent water changes they do well in either. The tanks in the fish room are bare and the ones upstairs are planted, gravel, rocks, etc. I paint the backs and bottoms of the bare tanks (from the outside) to make the fish feel more secure. I originally painted them flat black but found that the fish get VERY dark (I thought they were sick) as they try to disappear and I have since gone back, scraped the black off and re-painted them a light/medium blue. This solved the darkening problem and the fish look much better this way.

6. Warm tanks, 82 to 88, seem to make them happy.

7. Filtration - the bare tanks are filtered with sponge filters, each 20 gallon tank has two Tetra "brilliant" filters and each 29 gallon tank has 2 Tetra "super brilliant" that I rinse every other week (one this week and the other next week, etc.). The planted tanks have undergravel plates and the larger ones (45's and 55's) have a Whisper 2 power filter as well. My 125 gallon tank has an undergravel plate along with a home-made external filter (30 gal plastic trash can full of bio-balls).

So there you have it ... clean water and plenty of room per fish. In my opinion, these are the keys to keeping discus.

POTOMAC VALLEY AQUARIUM SOCIETY



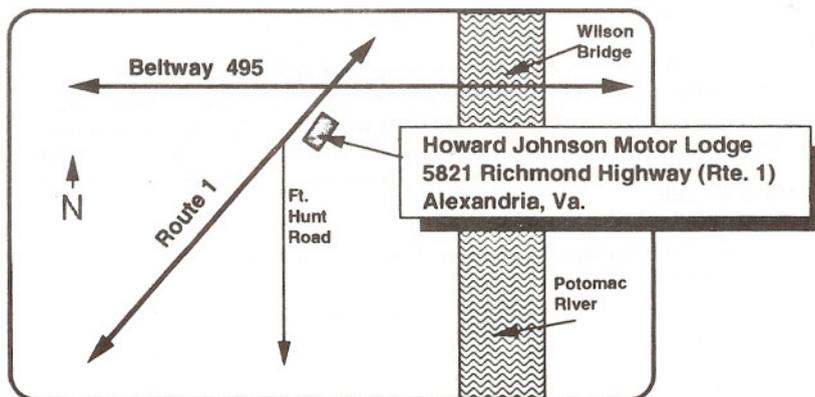
1992 TROPICAL FISH SHOW AND FALL AUCTION OCTOBER 9 - 11, 1992

THE HOWARD JOHNSON MOTOR LODGE
5821 Richmond Highway (Route 1 south at the Beltway)
Alexandria, Virginia

- Friday, 9 October - 6 PM - Show set-up
7-10 PM - Show registration
- Saturday, 10 October - 9 - 2 PM - Show registration
9 - 4 PM - Public viewing
4 - 6 PM - Judging
6 - 9 PM - Public viewing
- Sunday, 11 October - 8 AM - Show stand teardown
8 - Noon - Auction registration
10:30 AM - Show awards ceremony
11 AM - Auction begins

The show is being held in conjunction with the Chesapeake Area Killiefish Club (CAKC), which will be responsible for the designation, judging, and awards for the killiefish classes.

**THERE IS NO ADMISSION CHARGE FOR VIEWING THE SHOW OR
ATTENDING THE AUCTION**



DIRECTIONS:

The Howard Johnson's is located on the east side of Route 1 just south of the Capital Beltway (495) and north of Fort Hunt Road. Exit the Beltway onto Route 1 south. Since the HoJo's is located on the other side of the divided highway, follow the signs for Fort Hunt Road, then turn back onto Route 1 heading north. This will put you in front of the Hotel.

SHOW RULES

The competition is open to anyone.

FOR CLASSES I THROUGH VI:

TANKS, OTHER CONTAINERS, AND STANDS: All tanks, drum bowls, and stands must be furnished by the entrant. All containers must have at least two clear, flat sides. Tanks larger than 5 1/2 gallons must be accompanied by a stand. An air pump, filtration, light, and extension cord must be furnished by the entrant for each tank larger than 5 1/2 gallons, as they may have to be placed at some distance from the PVAS-supplied air source.

DECORATIONS AND LIGHTING: No decorations of any kind, including plants, back or side painting, or gravel, will be allowed in Classes I through V. See below for Class IV. The external bowl or tank bottom may be painted flat black. Only tanks on stands may have entrant-provided lighting.

AIR, HEATERS, AND FILTRATION: PVAS will furnish a constant air supply for all bowls and small tanks. Entrants must furnish their own airline and airstones. A supply of each will be available for purchase from PVAS. Box and sponge filters or outside filters will be allowed at the entrant's discretion. In Class IV, undergravel filtration may be used, but the tank must otherwise be bare. Heaters are allowed in all classes.

FOR CLASS V (FAMILY OF FISHES):

An acceptable entry consists of a breeding pair of adult fish and their fry. The fish may be displayed in a single container, a divided container, or separate containers.

FOR CLASS VI (PLANTS):

An acceptable entry consists of a single species of any recognised aquatic plant displayed in a single container. Several individual species may be displayed as separate entries in a compartmented container. A rooted plant may be displayed in a pot or floating. No gravel or planting medium is allowed on the bottom of the container. No fish or other fauna may be present in the container.

FOR CLASS VII (PHOTOGRAPHY):

Judging of photography will be based primarily on composition and technique. All entries are expected to be the work of the entrant. If desired, entries may be titled but must not display the name of the entrant.

JUDGING

All entries will be judged equally by established PVAS standards. If an unbreakable tie occurs, duplicate awards will be made. In all cases, the decision of the judges is final. Judging sheets will be available for entrant review after the judging process is completed.

PVAS JUDGING STANDARDS

For each show class, at least two qualified judges are assigned. A judge may decline to judge a category in which he or she is not qualified, and will not be assigned a category that he or she is personally entering. Each entry is evaluated in the following five areas: SIZE, BODY SHAPE, FINNAGE, CONDITION AND DEPARTMENT, and COLOR. In each area, each entry is given up to 20 points. A perfect entry would receive the maximum 20 points in each area, or 100 total points. The overall points assigned by each judge for an entry are then averaged, and this average becomes the entry's overall score. The three entries with the highest averaged points are the winners for that class.

PVAS COMPETITION CATEGORIES

All classes are open to public competition

I. Livebearers

- a. Guppies
- b. Mollys, Swordtails, & Platies
- c. Goodeids
- d. Other Livebearing Fish

II. Egglayers (Non-Cichlid)

- a. Catfish, Corydoras
- b. Catfish, Loricariidae
- c. Catfish, Synodontis
- d. Catfish, Naked
- e. All Other Catfish
- f. Betta Splendens
- g. All Other Bettas & Anabantoids
- h. Sharks & Loaches
- i. Characoids, Under 3" Mature
- j. Characoids, Over 3" Mature
- k. Barbs
- l. Goldfish & Koi
- m. Danios, Brachydarios & Rasboras
- n. North American Native Fish
- o. Other Non-Cichlid Egglayers

III. Cichlids

- a. New World Large (over 7" mature)
- b. New World Medium (4-7" mature)
- c. New World Dwarf (under 4" mature)
- d. Angelfish
- e. Discus
- f. Mbuna
- g. Tanganyikan
- h. Cichlid Pairs
- i. All Other Cichlids

IV. Marine Fish and Invertebrates

V. Family of Fishes

VI. Plants

VII. Photography

THE FOLLOWING APPLIES TO ALL ENTRIES

The Chesapeake Area Killiefish Club (CAKC) has total authority for the designation of killiefish classes, the judging standards for those classes, and killiefish class awards. PVAS reserves the right to subdivide any non-killiefish class when, in the opinion of the PVAS Show Chairman, sufficient entries have been received to warrant this action. Once entered into the competition, no entry may be removed before 9 PM on Saturday, October 10th, without the consent of the PVAS Show Chairman. All entries must be removed by 1 PM, Sunday, October 11th, or they will be disposed of at the discretion of the PVAS Show Chairman. All entries must be accompanied by an entry form, a copy of which is in this flyer. There will be qualified hobbyists available to assist you in classifying your entries. PVAS can assume no liability for any entry. However, at least one qualified hobbyist will be present during show hours to assure the safety and well being of the fish, and to deter theft or other damage.

PVAS AWARDS

Trophies will be awarded for Best In Show (Classes I through IV), for Reserve In Show (Classes I through IV), and for Best In Class (Classes I through III). Ribbons will be awarded for First, Second, and Third Place in each category of Classes I through III, and in classes IV - VIII.

INFORMATION

If you need additional information, please contact Alex Townsend at (703)323-0815 or John Mangan at (703) 573-4400. For information or the CAKC (killiefish) portion of this show please contact Tony Fitz (301) 933-4397.

AUCTION RULES

1. You do not have to be a PVAS member to buy or sell hobby related items in the auction. The auction is open to the general public. All prior auction accounts must be settled before registering for this auction.

2. Registration of items for sale will begin at 8:00 am and will end promptly at noon. If you are not in line by noon you will not be registered.

3. The auction will begin at 11:00 am and continue with periodic breaks until all items have been sold.

4. All items must be labeled as to the contents. Include number, sex (if possible), and other pertinent data. Use waterproof pen and label.

Fish: Pair means one of each sex. Mated pair means a pair that have spawned WITH EACH OTHER. Trio means one male and two females. Reverse Trio means two males and one female. Mixed Sexes means at least one of each sex. If uncertain label the bag Unsexed.

Supplies: All equipment must be labeled as to working condition or missing parts.

5. PROPER FISH BAGS MUST BE USED! Live items must be bagged with ample air and water. Fish packed in "baggies" or similar bags will not be registered. If a fish is registered in a bucket, tank, or bowl, the container will be considered part of the item. PVAS reserves the right to rebag any item it deems necessary.

6. A maximum of five bags per species or color variety is allowed unless approval is obtained from the Auction Chairman. More than one bag may be bound together if necessary.

7. A series of colored stickers will be provided to each seller. These will determine the order in which the items will be sold. Every effort will be made to auction all items of a particular color during one designated period of the auction.

8. Bags will be offered "as is". Once registered the contents of a bag may not be split.

9. Each item carries a \$1.00 minimum unless the seller assigns a higher minimum bid. The seller may lower the minimum if the item does not sell.

10. PVAS reserves the right to refuse registration of any item which it determines to be not suitable for this auction.

11. No payment will be made to the seller on the day of the auction. Payment will be forwarded by mail within 10 days after the auction. It is the seller's responsibility to give PVAS a proper name and address to receive payment. Envelopes for this purpose will be filled out during registration.

12. The seller receives two-thirds of the selling price. PVAS retains one third, with a maximum of \$33 commission per single item.

13. All items not sold must be claomed at the close of the auction or they will be disposed of at the discretion of PVAS.
14. The auctioneer retains the right to set aside any improperly bagged or marked item, or any sick or otherwise unsalable item.
15. Fish species that are restricted by either federal or state statues will not be accepted.

RULES FOR THE BIDDER

1. All items are purchased in AS IS condition. PVAS assumes no responsibility for health or working condition of auctioned items.
2. All persons wishing to bid are required to register and receive a bidding number. All prior auction accounts must be settled prior to receiving a bidding number.
3. Items may be inspected only before the auction and during breaks.
4. Bidding raises will be in \$1.00 increments. The auctioneer has the right to alter this procedure.
5. Successful bidders will have their items brought to them, at which time payment is expected unless the bidder has been authorized to run a tab. (See the treasurer before the auction. Proper identification will be required.)
6. The decision of the auctioneer as to the highest bidder and price is final.

Chesapeake Area Killifish Club Show:

The CAKC will host their first Annual Show & Auction Oct. 9 & 10 in conjunction with the PVAS Fall Show. There will be 7 classes:

New World Annuals
All Other New World
Nothobranchius
Fundulopanchax
Chromaphyosemion
All Other Aphyosemion
Epiplatys
All Other Old World

ed. note- for those of
you not familiar with killi
shows- Tony tells me that
they must be entered in pairs.

J.M.

A best in show trophy will be awarded. Entry fee is \$1.50 per entry, waived for mail-in auctioned entries. Auction split 70/30 in favor of the seller. Send Mail-ins to Nick Vanikiotis, po box 202 Park Hall, MD 20667-0202. (301)994-1067. Send fish to arrive no later than Friday Oct. 9, 1992. Mail ins will be returned if sufficient postage is sent. For more info contact Tony Fitz (301) 933-4397.

POTOMAC VALLEY AQUARIUM SOCIETY
 Show Entry Registration Form

Name: _____ Address: _____

Telephone: () _____

Club: _____

Entry Class	:	Bowl Number	:	Entry Fee	:	Auction?
1	:	:	:	:	:	:
2	:	:	:	:	:	:
3	:	:	:	:	:	:
4	:	:	:	:	:	:
5	:	:	:	:	:	:
6	:	:	:	:	:	:
7	:	:	:	:	:	:
8	:	:	:	:	:	:
9	:	:	:	:	:	:
10	:	:	:	:	:	:
11	:	:	:	:	:	:
12	:	:	:	:	:	:
13	:	:	:	:	:	:
14	:	:	:	:	:	:
15	:	:	:	:	:	:
16	:	:	:	:	:	:

Entry Fees: Single Fish - \$2.00 Dealer Tanks - no charge
 Pairs and Families - \$2.00 Photography - \$1.00
 Plants - \$1.50 Arts and Crafts - \$1.00

PVAS MEMBERS NOTE: No more than \$20 in entry fees will be charged to club members entering five or more sub-classes, regardless of the number of total entries.

One last item before I go. I always have to climb onto the soap box before closing. I watched the Olympics for a little while each evening during the last 2 weeks and I must say that I was saddened and angered when I heard statements made by the commentators referring to Bronze Medal recipients as "losers" and other medalists as "settling for the silver". If they gave a Platinum Medal would they have to "settle for the gold"? I don't know where their priorities are coming from but I for one was absolutely amazed at the accomplishments of all of those "losers" and winners. To me much of what I saw them do was not even humanly possible. I loved all of them and it broke my heart to see those little girl gymnasts who gave up their childhoods for the Olympics and the competition to be told that they "gave it away".

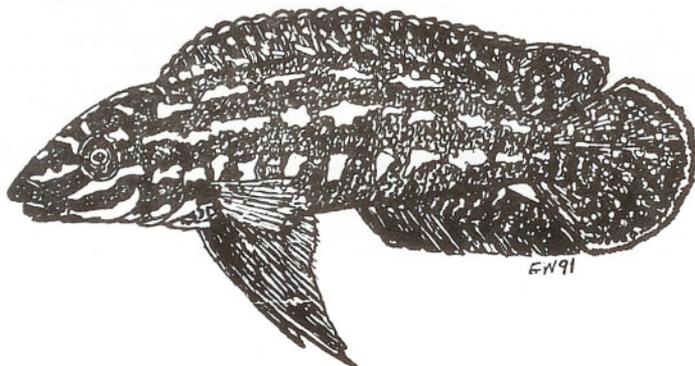
I lied!! it wasn't the last item but it worked out for a good segue - In our Club there are no losers - ever. Bring your favorite fish to the Show and enter. If you don't walk away with a ribbon or trophy you will still know that it was good enough to show.

Don't forget the Hunting Creek Tour on Sunday Sept. 20. It really is a big deal. They don't give tours and they are not open to the public so this may be the only chance you will ever have to see a hatchery in action. The are directions and a map in this issue and we will have a sign up during the next club meeting which is just about a week before the tour.

Later, Dudes

* ed. note- if Beverle had found her notes she would have also mentioned that PVAS member Ron Burch won TWO awards, see the "Mirror" column in this issue for details. Congratulations Ron.

J.M.



THE MIRROR

Before I begin the usual listing of PVAS members who have had their articles reprinted or reviewed I would like to congratulate two PVAS members. Ron Burch and John Mangan are both winners in the FAAS Publications Awards.

Ron Burch won first place in the category "Best Spawning Article (more than two pages)" for his article on *Rivulus marmoratus*. Ron also won "Best Spawning article Overall" for the same article. Congratulations Ron.

John Mangan won second place in the category "Best Show/Judging Article" for his article "Everything you always wanted to know about getting ready for a fish show...".

George White's article "Pond Piranhas or Demons from the Deep" was reviewed in the Feb. 1992 issue of SCAS Journal, Southern Colorado Aq. Soc.

George White's article "Japanese Fish Art" was reviewed in one of my favorite magazines, Tropic Tank Talk, Greater Detroit Aq. Soc. May 1992 issue.

John Mangan's article "Cloudy Water" was reviewed in the Feb. 1992 issue of All Cichlids, Michigan Cichlid Assoc.

John Mangan's article "Cloudy Water" was reprinted in the March 1992 issue of The Droplet, County of Lebanon Aq. Soc.

one more time- John Mangan's, Cloudy Water, was reviewed in the June 1992 issue of SCAS Journal, Southern Colorado Aq. Soc.

Tom Biery's Microworm article was reviewed in the June 1992 issue of Pittsburgh Finformation, Greater Pittsburgh Aq. Soc.

Tom Biery's Microworm article was also reviewed in the July/Aug. issue of Aqua News, Minnesota Aq. Soc.

Michelle Mangan's Helpful Hints for New Aquarium Owners was reviewed in the June 1992 issue of Pittsburgh Finformation, Greater Pittsburgh Aq. Soc.

Michelle Mangan's Helpful Hints was also Reviewed in July/Aug 1992 Aqua News, Minnesota Aq. Soc.

Start working on some articles and you could see your name here too.

Last minute addition:

George White's "Chasing Fish Across the Sahara Desert" was reviewed in the May-June 1992 issue of The Darter, Missouri Aq. Soc.

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Minutes of PVAS Board Meeting - July 6, 1992

Meeting was informally called to order at 7:45 p.m. at the house of John Mangan. In attendance were Tony Fitz, Alex Townsend, Ray Hughes, John Mangan, Wendy and Brian Tramm, Beverle Sweitzer, Gene Aldridge, and Kenny and Sandy Warren. Rick McKay came in around 8:20.

Main topic of discussion was the October Show and Auction. It was decided that since having Paul Loiselle as an evening speaker would cost around \$300 it would be better and less expensive to have an informal "Show & Tell" get together after the judging. Slides and pizza will be in order. Topics of discussion will not be limited to fish.

Rick McKay will put ads for the Show in the September issues of FAMA and Aquarium Fish.

Beverle will bring a flyer to the next monthly meeting to remind the membership of some of the upcoming events - namely the picnic, Show and Auction and the Tour at Hunting Creek.

The responsibilities of the Show Chairman were discussed and it was decided that Beverle and Wendy would be joint/coordinating Chairmen with their main responsibility being to see that duties were delegated and completed.

Tony will supply Beverle with a copy of the tentative time schedule and a check list of things to do.

It was decided that the prizes would be awarded Sunday morning preceding the auction.

It was further decided that the classes would remain the same except for the Killie classes and there would be 7 classes total for killie fish.

The names of Gene Aldridge, Alan Reed, John Jessup, John Melograna, Tom Biery, John Mangan and Ken Mullen were suggested as Judges with a total of between 4 and 5 judges needed. Tony Fitz suggested that many of the PVAS Club members were qualified to judge many of the classes of fish and all concurred.

All present agreed that it was necessary to begin a concerted effort to publicize the show as much as possible. At the next monthly meeting an informal entry listing will be taken of the membership to get an idea of "who and how many."

John Mangan said that sanction by the ALA would be forthcoming and the Trams secured sanction by the ACA.

The meeting was informally adjourned at 9:00 p.m.

MINUTES OF A BOARD OF DIRECTORS MEETING
THE POTOMAC VALLEY AQUARIUM SOCIETY
August 10, 1992

A meeting of the Board of Directors of the Potomac Valley Aquarium Society was called to order at 7:10 PM on August 10, 1992, at the Wood Recreational Center. Officers and board members attending were Beverle Sweitzer, Julie Spall, Pete Thrift, Alex Townsend, and Kenny Warren. Also attending were John Jessup, John Mangan, and Sandy Warren.

The minutes of the July meeting were read and approved.

The president reported the resignation of John Oliva and the pending resignations of Brian and Wendy Tramm, all due to job changes and relocations. Alex Townsend was nominated to serve the remainder of Vice President Oliva's term.

The main item discussed was the 1992 fall show/auction weekend, to be held on October 9th, 10th, and 11th, at the Howard Johnson's Motor Lodge in Alexandria, VA. It was reported that the PVAS portion of the show will be sanctioned by the American Cichlid Association and the American Livebearer Association. Award ribbons for first, second, and third places in each show subclass, and award trophies for best in class, reserve in show, and best in show will be ordered by Pete Thrift and Kenny Warren. Alan Reed, Dave Shaw, Dave Herlong, and Gerry Pottner will be invited to judge the PVAS classes. Other outside judges may also be invited; PVAS will supply any other judges needed. Alex Townsend will serve as show co-chair with Beverle Sweitzer, replacing the Tramm.

The Board agreed to research the purchase of a video projector to be used for future meeting programs. Beverle circulated literature on one projector priced at approximately \$500.

John Mangan volunteered to serve as the Nominating Committee chair. Gerry Hoffman will serve as a committee member

There were no formal motions made at this meeting. The meeting was adjourned at 9:30 PM. The next meeting of the Board will take place at 7 PM on September 7th, at the Wood Center.


PETER A. THRIFT
Recording Secretary

POTOMAC VALLEY AQUARIUM SOCIETY



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Where did you hear about PVAS/get this application? _____

Number of tanks: _____ Time in hobby _____

What can this club do for you? _____

What do you want to do for the club? _____

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Family/Individual: \$12/yr
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POTOMAC VALLEY AQUARIUM SOCIETY
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THE SOCIETY WILL MEET ON THESE MONDAYS IN 1992:

13 JAN	13 APR	13 JUL	19 OCT
10 FEB	11 MAY	10 AUG	9 NOV
9 MAR	8 JUN	14 SEP	14 DEC

Meetings are held at the John J. Wood Facility, Room 7, 3730 Old Lee Highway (Rt 237), Fairfax City, VA. Doors open at 7:30, and the meeting starts at 8PM. ALL ARE WELCOME!

