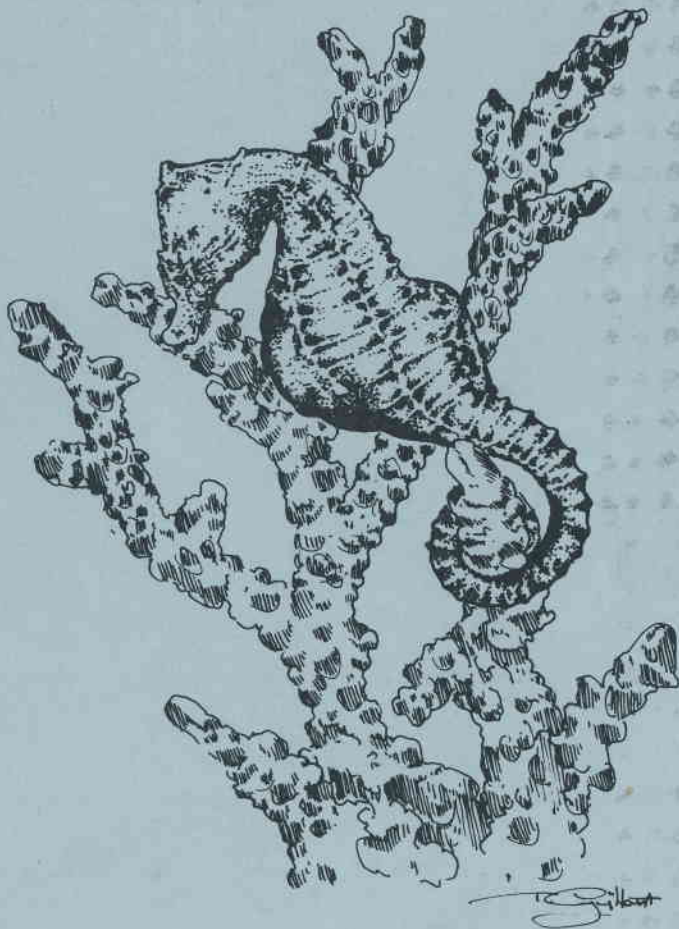


# \* DELTA TALE \*

Jan. 1986  
Vol. 17 #1  
50¢

OFFICIAL PUBLICATION OF

potomac valley aquarium society



# POTOMAC VALLEY AQUARIUM SOCIETY



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## 1986 PVAS OFFICERS

President: Bob Roser  
Vice President: Bob Pallansch  
Treasurer: Gerry Hoffman  
Corresponding Sec.: Mark Westling  
Recording Sec.: Pat Gore

## 1986 PVAS BOARD OF GOVERNORS

Jerry Stirman, Alex Cummins, John Jessup, Ray Hughes  
ex-officio: Gerry Hoffman

## 1986 COMMITTEE HEADS

Auctions: Alex Cummins	Bowl Shows: David Sun
BAP:	Programs:
HAP: Alex Cummins	Ways and Means:
Library: Mark Westling	FAAS: Gerry Hoffman
Membership: Pat Gore	Delta Tale: John Mangan
Spring Show: Bob Pallansch / John Jessup	
Fall Show: Gerry Hoffman	

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TWENTY FIVE PLUS ONE !!!!

The New Year has begun for PVAS unfortunately on a tragic note. Former President and one of the staunchest supporters of the Potomac Valley Aquarium Society, Pat Mahoney, passed away on Dec 12, 1985. I only knew Pat a short time, but always appreciated his words of encouragement and his enthusiasm for the club's activities and fish keeping and breeding. His Christmas gift to my son from last year (a fish-shaped wall plaque) hangs in his room with even more meaning now. We all share Maggie's grief and offer her our deepest sympathy for the loss of a true friend.

I want to thank all the old hands at PVAS for their words of support and offers of continued help for the coming year for myself and the new Board of Directors. We hope to continue the fine outstanding service in the tradition of Pat Mahoney, John Jessup, and Jerry Hoffmann. I hope to continue the mini-auctions, bowl shows, raffles and Spring and Fall Shows. With the guidance of the Board and support of the members, I hope to keep us going as the best aquarium society in the Washington area (today Washington, tomorrow - ????).

I hope everyone had a good time at the Christmas party; I know my family did. We had never had Turkey stuffed with goodies before - - have you checked your tanks lately, John? \*(One of the old traditions seems to keep going). We had lots of good food, good fellowship, and fine presents under a dwarf Christmas tree. We need to check the tree's diet so maybe it will grow into a real tree next year.

I'm looking forward to the first meeting of the year and seeing you all there. I might even buy some goodies at the mini auction as a conversation piece.

*Bob*

\* ed. note- I've been wondering what it was that Gerry was stuffing into his pockets the last time he came over. I'd like to thank Bob for clearing this up. J.M.



FRUM THE EDITORZ DESK

This is my 24th column since taking on the job of editor and it is the one I've had the most difficulty getting started. It is with great sadness that I must report the death of long time PVAS member Pat Mahoney. When I first joined PVAS Pat was the first of the older members to notice me sitting around all by myself, he also gave me my first PVAS "job" (bowl shows), all of which lead me to the level of involvment I'm at now. Pat's passing leaves a graet void in PVAS that will be very difficult to fill. I will miss him very much, and I'm sure many others will too.

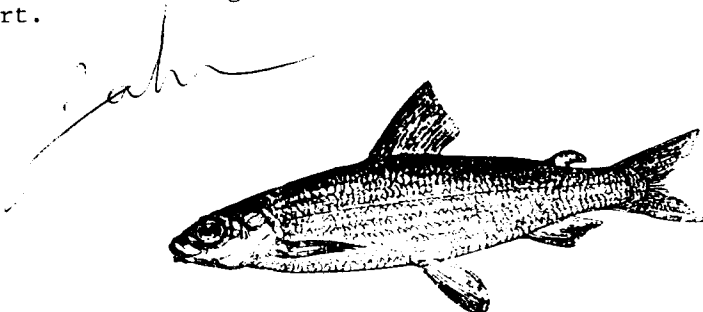
This years Christmas party went very well thanks to the hard work and planing by Barbara and Rich Blumberg. Barbara was the one that cooked both of the turkeys, which the rest of us quickly demolished. There was lots of other good food too as well as good company. This was topped off by presents piled under the PVAS Christmas Bush. I haven't set up the Sea Monkeys yet, they're under the tree. I'm saving them for Christmas day. I can hardly wait. I've wanted some ever since I was ten years old and saw them in the back of a comic book. Whoever brought them- you've made a lifelong dream come true. I'll give a full report on them in the next issue. Maybe they'll make up for the fact that someone, whose name I won't mention, won't get me a puppy for Christmas.

This issue of Delta Tale contains the complete rules and schedule for the 1986 bowl shows. It also contains the rules for the Breeders Award Program. The BAP will be the subject of the January program. All of the slides shown in the program are by PVAS members and will show the great variety of fishes that are being/have been breed by our members. Even if you aren't interested in the BAP the slides are worth seeing. If you are interested in getting started here is your chance to find out how. Rules for the Horticulturalist Award Program are not in this issue. The reason is the lack of interest shown in this program. Last year only 2 people participated in the program, and one of those was the HAP chairman. If you are interested in this program rules can be found in last January's issue of Delta Tale. If you don't have one let me know, I have a few extra copies left among the backissue file.

Again (or should I say still?), I am very badly in need of original articles and artwork to publish. Send me some and I'll stop begging.

Let's make this year PVAS's best yet. Participate in the many programs and activities offered and give our new President and board plenty of support.

Until next month-



## OBITUARY

Patrick J. Mahoney

Long time PVAS member Pat Mahoney died on December 12, 1985. Pat was very active in PVAS and had served several terms as President as well as numerous other offices. Most recently Pat served as Breeders Award Program Chairman, Ex-officio Board Member, and Delta Tale columnist (The Mirror). Pat was also an active member of the American Cichlid Association. He is survived by his wife, Margaret E. Mahoney; daughter, Laura E. Smith; sisters, Kathleen Hohner, Sister Mary Patrice Mahoney, and Sister Terance Marie Mahoney. He will be missed by many.

## Q & A

Anyone having questions on any aspect of fishkeeping can send them to Delta Tale c/o John Mangan, 9770 Oleander Ave. Vienna, VA 22180.

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## Trading Post

All ads for the trading post should be sent to Delta Tale c/o John Mangan, 9770 Oleander Ave. Vienna, VA 22180 by the 20th of the month prior to publication.

For Sale: 20H set up with breeding pair Julidochromis ornatus plus fry; unopened 180g box Marine Environment Salt; 50lb. dolomite and crushed coral. Chris Bergesen 229-6043.

Want: Cichlasoma spp.: dovieri, melanurum, facetum, sajica, freidrichsthali, trimaculatum, krausii, rostratum, nicaraguense, longimannus, & others. Contact: John Bratton, 5709 Telegraph Rd Alexandria, VA 22303. (703) 960-6596.

Want: Zoogoneticus quitzeoensis, Allodontichthys spp., Xenotoca melanosoma, old aquarium books and magazines. John Mangan, address above. (703)938-4778.

\*\*\*\*\*

## LOST

Lost: at the PVAS Christmas Party- Blue and Black Scarf, lg. checks. Please contact Pat Gore 522-3884.

Ctenapoma ansorgei

By Nathan Manwaring

Ctenapoma ansorgei is an abantoid from tropical West Africa. It reaches a length of about three inches. The color pattern is a grey-blue color except when it is frightened or fighting. Then the fish's pattern changes to a pattern of blue and red vertical bands.

I purchased four of the fish at a pet shop for \$7.00, which I considered a high price. The reason that I consider this a high price is because whenever C. ansorgei are for sale they are in pretty bad shape. The fish are always thin and really beat up. There is no reason for this to happen since the fish take flake food quite readily.

I think the reason the fish are always in such bad shape is that the fish are very territorial and can't handle a dozen or so fish being crowded into a ten gallon tank. If they were kept singly, the quality of fish would probably improve.

The four fish I purchased were two males and two females. One of the males I bought died two days later. The other fish were separated and quickly fattened-up.

The fish were then moved to a heavily planted twenty gallon tank. The male killed the dominant female within twenty-four hours. The pair settled down and I rarely saw them because of the dense vegetation in the tank.

After about four months, I noticed a tiny fry swimming among the riccia at the top of the tank. Further observation revealed numerous fry throughout the tank. I decided to leave the fry in the tank because of their small size.

When the fry reached  $\frac{1}{2}$  inch in size, I thought about taking the fry out. However, I noticed that the male totally disregarded the fry. In fact, I didn't see the adults eat any of the fry and I don't believe that they do it. The concentration of the fry in the tank was so intense that if there had been any predation of the fry, I would not have gotten as many fry as I did.

I fed the fry brine shrimp nauplii after they were about two weeks old. Before this, I had fed them philodina.

The fry were almost microscopic when they first hatched. After they had reached  $\frac{3}{4}$  inch, I decided to remove the fry from the tank. I took about twenty-five fry out of the tank.

Although the adults leave the fry alone, the fry prey on each other. After the first spawn, the pair spawned every two weeks. However, the fry were eaten by the larger fry.

This is an excellent fish. It is hardy, undemanding and easy to care for. It is a highly sought after fish and I had no trouble selling my fry. The only drawback to this fish is that it takes about a year before the young are sexable.

## DECEMBER

### BOARD OF GOVERNORS MEETING

The December Board meeting was called to order on December 2nd at 7:45 pm in the home of Pat & Maggie Mahoney. In attendance were Gerry Hoffman, John Mangan, John Jessup, Barbara Blumberg, Kenny Warren, Maggie and Pat Mahoney, Bob Pallansch, Alex Cummins, and Pat Gore. The meeting began with old business.

Over the past several months, the Officers have been working to resolve an issue pertaining to collection of an outstanding debt to the club and a subsequent bounced check issued to clear that debt. All monies have now been satisfactorily collected. The situation resulted in a motion passed that in the future, anyone issuing a bounced check to the club would be required to purchase on a cash basis per item and would not be allowed to run a tab.

The treasurer's report was given by Gerry Hoffman for Ray Hughes who was not present. \$1499.64 is in the bank, \$297.00 is to be deposited, and \$315.00 is cash on hand, for a total of \$2112.64. It was also reported that all debts of PVAS to date including the October auction are paid in full. Checks to the sellers, at the time of the meeting, had not been mailed yet. A motion was made and passed to perform an annual audit of the treasury after it is turned over to Gerry Hoffman. The audit will be performed by John Jessup. After the books are turned over to Gerry Hoffman, he will ensure all checks have been mailed out.

Christmas party business was next. Several responsibilities still had no coverage by volunteers. These were assigned as follows:

- Barbara Blumberg - cook 2 turkeys, purchase paper products and plastic utensils, and provide 1 punch bowl
- Gerry Hoffman - bake 1 ham and check on the tables and chairs at the meeting site
- Maggie Mahoney and John Jessup - punch
- Pat Gore - 1 punch bowl
- Pat Mahoney - take charge of the Christmas tree
- Barbara Blumberg, Pat Mahoney, and Gerry Hoffman - long extension cords for the hot plates
- Maggie Mahoney - tape player and Christmas tapes
- John Mangan - Christmas tapes
- Ways and Means - wrap extra gifts and collect \$2.00 per person for those requiring gifts for the exchange

A door prize will be provided, an aqua clear 1200 power filter. John Jessup will purchase it.

An inventory of awards to be presented was made - bowl show, fish food purchased, trophies, breeders award, and FAAS medalion. Dan Cohen will receive an award overlooked at the Spring Show.

Kenny Warren will provide commemorative mugs for purchase.

A follow-up report was given by Gerry Hoffman on the status of Shops interested in displaying Delta Tales in exchange for advertising. 14 shops are interested. The shops will be given Delta Tales in December. Their business cards will be displayed in the January issue. The Delta Tale will be distributed to these shops with "SAMPLE COPY" stamped on the cover.

An aquarium club from South Africa wrote to us asking us if we would provide articles for their publication. A motion was made and passed to not support exchange with this club.

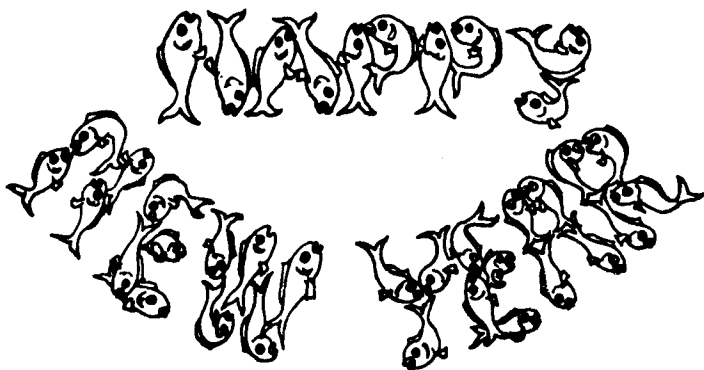
Copies of the membership list will be provided for the January meeting. Board meeting minutes will be made available for print in the following month's Delta Tale for those who are unable to attend the meeting. If the recording secretary cannot be at the general meeting to present the minutes, notes on the minutes will be available to another Board member for presentation.

Beginning work on the Spring Show In January should ensure it's success again this year. No place has been selected for the show yet. The Club was happy with the Falls Church Best Western for the Fall Auction, and we will look into using the motel again in the spring.

Board members felt it is necessary to encourage the BAP program in the club this year since participation last year was limited. Pat Mahoney will present BAP as the program for the February meeting. The HAP program will be shelved to a back burner due to no participation last year. However, participation will not be discouraged or refused.

Finally, the Board wants to express it's appreciation and pay it's compliments to Gerry Hoffman for two fine years of service to the Club as it's past president.

The January Board meeting will be held at John Jessup's. The meeting was adjourned at 9:25 pm.





THE FIN BUILDER  
by John Stanton

How many of us, at one time or another, have had fish which seem very sluggish, or just before you are ready to show a specimen, a few fins are frayed or split? The answer for a quick recovery, or finnage that seems to heal up overnight, is vitamin B-12.

For fish with split finnage, the healing process can be as short as three days. I've seen guppies with a large split in the caudal so bad that you wouldn't believe it possible to enter it in a show four days later. But by the time the show arrived, there wasn't a trace of the injury.

The healing time is greatly reduced to this short period of time if you use B-12 continually, or treat your tanks once every five days. Use lcc for each ten gallons of water. The finnage of a fish, especially species which carry large delicate finnage, will have stronger fin rays and tissue, thus lowering the incidence of injury.

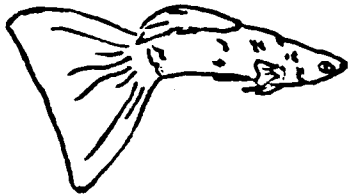
The appetite and general deportment of fish is greatly improved through the continued use of this vitamin. Guppies, bettas, and goldfish are more active and will endure frequent handling if B-12 is used on a weekly basis.

A 1000mg bottle of B-12 will run a nominal amount at a drug store. Keep it in a cool place when storing, although it is not necessary to refrigerate.

If you do not use it on a regular basis, the healing time for injuries to fins will take somewhat longer than three days. So, don't expect miracles when you use it for the first time in an emergency. Small rips and tears can be healed in two days. For the price and the ease in which it is used, it is well worthwhile.

The 1000mg bottle will last about two months with continual use for a ten gallon aquarium. Try it and see if you can't notice the difference.

(reprinted from Delta Tales, Heartland Guppy Club,  
who reprinted from a publication identified only as "The Glades, March '74")



RESEARCH YOUR FISH  
by Larry Desiano, ARVAS

In the past I have been in the embarrassing position of having to correct the names of misidentified fish at fish auctions and other public functions. I find this to be embarrassing because people quickly become defensive as if you are trying to embarrass them, or as if you are trying to show how much of an expert you are. I do not claim to be an expert on anything, but when I see something that I know is definitely wrong, I feel it is my responsibility to correct the error. In fact, they should be embarrassed, not me. I have found that misidentification of fish in the hobby does not result from the fish being rare or hard to identify, but because hobbyists are too lazy to research the fish that they have, and are quick to accept whatever they are told.

A good friend of mine had brought to an auction a pretty killifish called Aphyosemion marginatum, but labelled the fish Aphyosemion marmoratum. Many killifish look very much alike, but these fish in particular are not easily confused. A. marginatum has several lateral rows of fine red dots on a light blue-green background, whereas A. marmoratum has a reddish-purple blotch pattern on a deep turquoise background. However, the names do sound alike, and this was where the mixup started. My friend's source was "reliable", but in this case admitted to giving the wrong name, and realizing this after the fact, never made an attempt to correct the error. In this case, my friend has no reason to question his source. So much for being reliable.

In another case I saw Rivulus tenuis sold as Rivulus harti and the buyer was quite upset. When the buyer questioned the seller, the seller responded with "That's what they were sold to me as!" Obviously he believed his source also.

In a more recent and disturbing case, I have come to find that Alfaro cultratus has been spawned in the Ohio area and turned in to the local BAPs under the name Jenynsia lineata. Again, there is no mistaking these two livebearers since their gonopodiums are quite different. Jenynsia lineata has a typical hard gonopodium that points straight back parallel to its body. Alfaro cultratus on the other hand has a gonopodium that points straight down perpendicular to its body, giving it the popular name "Knife Belly Livebearer". Also, Jenynsia lineata is much more difficult to spawn. So a ten point livebearer is being submitted as a twenty point livebearer, and other club members are misled to believe that they have an uncommon fish. This is like spawning Angels and saying you spawned Discus, when no one has seen a Discus, because they look similar.

My point is that in most cases (I have not mentioned African cichlids to conserve space), hobbyists do not take the time to research their fish to see what they actually have, for whatever reasons. Each club has a wealth of information which most people don't use. When someone gets a new fish that they haven't seen before, they should make an attempt to identify it for themselves, or a second opinion regardless of how reliable their source. This is especially true for BAP chairpersons. Being a BAP chairperson gives you an excellent opportunity to become fish literate by verifying all fish submitted that you have seen before, and by researching fish that are submitted that you have never seen before. Misinformation quickly propagates, and it is the responsibility of all breeders to know what they are breeding, and BAP chairpersons to know what is being bred in their club.

(reprinted from Aquatic Digest, Allegheny River Valley Aquarium Society)

## MONTHLY BOWL SHOW

A monthly bowl show is held during each PVAS general meeting, except in the month of December. Any member is allowed (and encouraged) to participate. The bowl show rules, as of Jan. 1985, are listed below. If you wish to participate in the bowl show please try to arrive at the meeting as early as possible to allow the bowl show chairman time to register your fish before the meeting begins.

1. There will be two major classes at each monthly bowl show. The classes will be: Cichlids, and Other Egglayers/Livebearers.

2. Each of the above classes will have three sub-classes. There will also be a "Novice" competition, which is explained below.

3. Points for each major class will be accumulated toward four quarterly awards and one annual award. Points will be assigned as follows:

- 1st place- 5 points
- 2nd place- 3 points
- 3rd place- 1 point

One point will also be given for each entry in each of the major classes, up to a maximum of 5 points.

4. Each month 1st, 2nd, and 3rd place awards will be given for each sub-class. Quarterly awards will be given to the highest point totals in each of the two major classes. Yearly awards will be given for highest points in each of the two major classes and also for the highest total points of the two classes combined. Yearly awards will be given out at the December meeting.

5. Bowl show entries must be registered with committee members. No entries will be accepted after the meeting has been called to order. All entries will be placed on the bowl show tables and must be in containers with at least two flat sides. Any entry not conforming to these rules will not be accepted. Entries which are suffering from sickness, stress, or other such problems may not be accepted into competition- this decision will be made by the bowl show chairman and/or judge.

6. Decisions of the judges are final. No person will be appointed to judge any class in which he has an entry.

7. No entry may be removed from the table except by the exhibitor, show committee member, or judge.

8. To help promote participation the bowl show committee has established the following additional categories of competition.

Novice class- established Jan. 1981. Eligibility to compete in this class is restricted to those members who have accumulated less than 25 points in bowl show competition in any previous year. All eligible members must request that their entries be placed in the novice class at the time of entry. All entries

must adhere to the rules set out in section 5 above. Judging in this class will be as follows:

1) Novice entries will be judged as part of the regular bowl show in the classes and sub-classes in which they fit.

2) After regular judging is completed, novice entries will be removed to a separate place and judged against each other as one class. Points will be awarded in accord with section 3 with the exception of points for entering.

A member may elect to stop competing as a novice at any time but in no case will continue as a novice for longer than one calendar year from the date of his first novice competition. Points earned as a novice are not transferable to regular competition.

Members Choice- established Jan. 1981. As a part of each monthly bowl show there will be a special judging of all entries from all categories. Judging will be done by the general membership. Each member will cast one ballot for what they consider to be the "Fish of the Month". No points will be awarded for the winner, but he will receive an award and recognition in Delta Tale.

Judges Choice and Superbowl- established in Jan 1984. Each month the bowl show judges will pick what they believe to be the best fish entered that month. This fish will receive the judges choice award. No points will be given for this award but the winner will be printed in Delta Tale. No fish may receive this award more than once in a given calendar year. At the November general meeting the 11 judges choice winners will compete with each other in a Superbowl competition to determine the Fish of the Year. This competition will be in addition to the regular monthly bowl show for November.

9. Recommendations for any changes in sub-class show schedule must be submitted to the bowl show chairman for committee action five weeks prior to the projected change.

10. The following definitions can be used as an aid in categorizing and judging cichlids:

New World Large- Any North, Central, or South American species whose ultimate size exceeds 7 inches (18 cm), except mouthbrooders and discus.

New World Medium- Same regions. Ultimate size between 4 and 7 inches (10-18 cm), except mouthbrooders, angels, and discus.

New World Dwarf- same regions. Ultimate size does not exceed 4 inches (10 cm).

Angelfish and Discus- This is a separate class, these fish are not to be shown in any other class.

New World Mouthbrooders-Same regions. A separate class, not to be shown in any other class.

Non-riftlake African- Any African species except Haplochromis, and those endemic to the Rift lakes.

Riftlake Mbuna Any member of the genera: Pseudotropheus, Melanochromis, Gophyochromis, Cyanotilapia, Petrotilapia, Labeotropheus,, Cyathochromis, Genyochromis, Labidochromis, and Iodotropheus originating in the Rift lakes.

Riftlake, non-mbuna- Any species endemic to the riftlakes and not classified as an mbuna.

Riftlake, non-mouthbrooder- Any species endemic to the riftlakes which is not classified as a mouthbrooder. Lamprologus, Julidochromis, etc.

Open- Any fish that does not fit into any of the other sub-classes for that month. This applies to both of the major classes.

#### BOWL SHOW SCHEDULE

<u>Cichlids</u>	<u>Months</u>	<u>Egglayers/Livebearers</u>
New World Large Riftlake Mbuna* Open	January June	Anabantoids Catfish, Corydoras Open
New World Medium Haplochromis Open	February July	Guppies Barbs Open
New World Dwarf Riftlake, Non-mbuna * * Open	March August	Killifish Catfish, non-Corydoras Open
Angelfish and Discus Non-Riftlake African Open	April September	Livebearers, non-guppy Sharks and Loaches Open
New World Mouthbrooder Pseudotropheus Open	May October	Goldfish and Koi Characins Open
Angelfish and Discus New World, All Other Mbuna Haplochromis Riftlake, Non-mouthbrooder Open	November expanded show	Livebearers Characins Catfish Sharks and Loaches Anabantoids Open

December

No Bowl Show-- Christmas Party, Awards

The current months categories will be printed each month in Delta Tale as will the current point standings.

\* except Pseudotropheus spp.

\* \* except Haplochromis spp.

January, 1984

POTOMAC VALLEY AQUARIUM SOCIETY BREEDERS AWARD PROGRAM

The Potomac Valley Aquarium Society has established the following BAP (Breeders Award Program) to encourage members to breed a wider variety of fish and to share with others the knowledge they have gained. The program is open to all members in good standing (except corresponding members) and there is no time limit on breeding a particular fish. You proceed at your own pace. Awards are given as detailed in the rules. To get started all you need is a pair of fish, something to keep them in and a Breeders Award Program form to fill out. Read the rules that follow and you are on your way.

Purposes:

The purposes of the program are:

1. To promote the keeping and breeding of exotic fishes.
2. To recognize outstanding achievement in the breeding of these fishes.
3. To encourage research into the spawning of the more difficult species.
4. To make accounts of successful spawning techniques available to club members through the Delta Tale and/or the general meetings.

The BAP Committee:

The Breeders Award Program Committee shall consist of five members. The Chairman shall be appointed by the President and the remaining four members shall be appointed by the Chairman. These appointments are subject to the approval of the Board of Governors.

Function and Authority of the BAP Committee:

The Committee shall oversee and enforce all rules and regulations governing the Breeders Award Program. Among these are verifying and awarding points to qualifying members, keeping proper records of awards, making proper awards to qualified members and reviewing the rules and regulations at least once a year for possible improvements.

### The BAP Checkers:

The BAP checkers are appointed by the BAP Chairman and are empowered to verify all spawnings. If you have a spawning which needs verification, contact the checker nearest you. If, after a few days, you are unable to contact the person nearest you, contact the next nearest. It is your obligation to see that you contact one of the checkers to verify your spawning. The forms to record spawnings can be obtained from any checker at the regular meetings.

A current list of the names and telephone numbers of the checkers will be printed each month in the Delta Tale.

### Eligibility:

All members in good standing (except corresponding members) are eligible for the Breeders Award Program.

### The Program:

The program is made up of five (5) levels of competency. They and their requirements are as follows:

1. BREEDER AWARD -- Has attained 50 breeding points from any categories.
2. INTERMEDIATE BREEDER -- Has attained Breeder status and a total of 150 breeding points from any categories.
3. ADVANCED BREEDER -- Has attained Intermediate Breeder status and a total of 300 breeding points, including 100 points from categories 7-17.
4. MASTER BREEDER -- Has attained Advanced Breeder status and a total of 500 breeding points, having spawned at least three (3) species from the categories on the Difficult or Target Species Lists to achieve these points. (See Note 1, page 8)
5. GRAND MASTER BREEDER -- Has attained Master Breeder status and has spawned at least one additional species from the Target Species List over and above those spawned for Master Breeder status.

### Acknowledgement:

Attainment of any of the five (5) levels will be recognized in the Delta Tale and at the general meetings. Awards will be presented at the December meeting for all five (5) levels of achievement.

Requirements:

1. Breeding points are awarded by proof of spawning of fish in any of seventeen (17) different categories. Points may be gained only once for each species and its albino form. Color morphs will not be eligible for further points. (See Note 2, page 8)
2. Spawning is defined for 10-point fish as raising at least ten (10) fry to thirty (30) days of age after hatching or release of fry in the case of mouthbrooders. For all other fish, spawning is defined as raising at least ten (10) fry to sixty (60) days after hatching.
3. Breeding is defined as the physical act of mating. A mating of killifish is considered to be the total quantity of eggs deposited during a one-week period and all fry hatched from the one-week spawn are counted for the purpose of satisfying the requirements of the BAP.
4. Eggs must be spawned in the breeder's own tanks, not obtained from another breeder and then hatched.
5. Any fish not included in the first sixteen (16) categories or which you feel is not adequately covered in existing categories will be assigned points by the BAP Committee upon written request. This request must be made prior to awarding of points. The attached Request for Special Category Assignment form is to be used for this request.
6. Following a successful spawning, it is the breeder's responsibility to see that his points have been properly verified and reported. A Spawning Report must be submitted in order to obtain points. A copy of the Breeder's Award Form is attached. This report should be as complete as possible when filing for points. Forms may be obtained from any BAP checker.
7. The requirement for ten (10) fry can be waived by the Committee for a fish which is known to produce spawns of less than that number. The Request for Special Category Assignment form should be used for this request for 15-point and above fish. For 10-point fish, the request may be included in the "Remarks" area at the bottom of the Breeder's Award Form.
8. There is no intent under this program to require the tearing down of a tank to look for eggs. The sight of free swimming fish can be used as a trigger to start reporting. Questions in this area should be referred to a Committee member for resolution.



## Proof of Spawning:

Proof of spawning is defined as follows:

1. The first verification and inspection for all categories of breeding must be performed within ten (10) days of hatching (for killifish, beginning of hatching) by a visit to your home. For 10-point fish this can be done by any member of the club in good standing; for all other categories this must be done by a BAP checker.
2. The second verification and inspection for all categories must be done by a BAP checker. The fry must be thirty (30) or sixty (60) days old (depending on the category) at the time of inspection. If you wish, the ten (10) fry may be brought to a general meeting.
3. For 15-point and above categories, a summary of spawning procedures must be submitted, either orally at a regular general meeting or in writing for publication in the Delta Tale. The written article or oral report must be completed within four (4) months after submitting a Breeders Award Form to properly receive credit for the spawning.
4. For all categories, a Breeders Award Form must be submitted to the BAP Committee. Any spawning claims may be investigated at any time by the Committee.
5. Any Committee member or checker wishing to claim points must secure confirmation in the approved manner. In addition, he must secure the confirmation of at least two (2) checkers in the case of the Difficult or Target species fish.

## Changes and Modifications of the Rules:

From time to time the Committee may feel that certain changes or modifications in the rules may be advisable. The Committee will adhere to the following procedures should it wish to make any changes or modifications:

1. A date for the change or modification will be chosen by the Committee.
2. The proposed change, with the effective date, will be published in a conspicuous manner in the Delta Tale at least three (3) months preceding the effective date.
3. Special requests for category changes should be submitted on the Request for Special Category Assignment form. The requester will be notified in writing of the action taken.
4. All appeals from any rulings of the BAP Committee must be made in writing to the Board of Governors for final decision.

No reduction in points will be retroactive, however, when a change results in upgrading points, awarding of additional points to a breeder depends on his meeting any additional requirements for that category.

If you have any questions, please don't hesitate to call one of the Breeders Award Committee members.

The categories and their breeding point values are as follows:

- Category 1 - 10 points -- Any species of livebearing fish except as indicated elsewhere.
- Category 2 - 10 points -- Any mouthbrooding cichlid (African and New World) except as indicated elsewhere.
- Category 3 - 10 points -- Any species of cichlid except as indicated elsewhere.
- Category 4 - 10 points -- White clouds or any species of rainbow, danio or brachydanio.
- Category 5 - 10 points -- Any species of barbs.
- Category 6 - 10 points -- Any killifish except as noted elsewhere. (See Note 3, page 8)
- Category 7 - 15 points -- Bottom spawning African killifish (See Note 3, page 8), the *Glossolepsis* genus and any species of anabantoid other than Chocolate or Kissing Gouramis.
- Category 8 - 15 points -- Goldfish or koi.
- Category 9 - 15 points -- *Badis badis*, angel fish, any species of Gobies, *Elassoma evergladei*, the genus *Geophagus* except as noted elsewhere or any species of fish known as a dwarf cichlid. A dwarf cichlid is a cichlid that does not exceed four (4) inches at maturity.
- Category 10 - 15 points - Any endemic rift-lake substrate spawning cichlid except as indicated elsewhere.
- Category 11 - 20 points - New World large cichlids except as noted elsewhere.
- Category 12 - 20 points - Any species of catfish except as indicated elsewhere.
- Category 13 - 25 points - Any species of bottom spawning South American killifish. (See Note 3, page 8)
- Category 14 - 25 points - Any species of characin except as indicated elsewhere.

(Continued next page)

Categories and their breeding point values (continued):

Category 15 - 30 points - DIFFICULT SPECIES (See following)

Category 16 - 50 points - TARGET SPECIES (See following)

Category 17 - Various -- SPECIAL ASSIGNMENT FISH

- 17(a) - 15 points -- The genus *Tropheus*
- 17(b) - 15 points -- *Cyphotilapia frontosa*
- 17(c) - 20 points -- *Etilopus maculatus* (Orange Chromide)
- 17(d) - 10 points -- Less than 10 fry/spawn of any of the following:

- Brachyrhaphis rhabdophora*
- Gambusia affinis affinis*
- Gambusia punctata*
- Heterandria bimaculata*
- Heterandria formosa*
- Poecilia latipunctata*

- 17(e) - 15 points -- Less than 10 fry/spawn of any of the following:

- Cyprichromis nigripinnis*
- Lamprologus meeli*

The DIFFICULT SPECIES LIST is a list of species whose spawnings have been recorded but can still be considered rare or difficult. At the present time the categories are as follows:

1. Any species of *Discus* (*Symphysodon*).
2. Neon Tetra (*Hyphessobrycon innesi*) or Cardinal Tetra (*Cheirodon axelrodi*).
3. Kissing Gourami (*Helostoma temmincki*)
4. Any species of Silver Dollar or Piranhas (*Serrasalmus*, *Rooseveltiella*, *Pygocentrus*, *Metynnis*, *Mylossoma* or *Myloplus*).
5. Any species of Rasbora.
6. Any species of Puffer (*Tetraodontidae*).
- 7a. Any species of Whiptail Catfish (*Loricaria*).
- 7b. Any species of Bristlenose Plecostomus (*Ancistrus*).
8. Butterfly fish (*Pantodon buchholzi*).
9. Any species of Leaf Fish (*Monocirrhus*, *Polycentropsis* or *Polycentrus*).
10. Any species of Half-beak (*Hemiramphidae*).
11. Four-eye (*Anableps tetraphthalmus*).
12. Any species of Sticklebacks (*Gasterosteidae*).
13. Spotted Headstander (*Chilodus punctatus*).
14. Chocolate Gourami (*Sphaerichthys osphromenoides*).
15. *Cichlasoma severum*, *Geophagus jurupari*, *Etilopus suratensis*, *Crenicara filamentosa*.
16. Non-designated species. (A difficult species of the breeder's choice may be substituted for one of the above 15 categories. In order to qualify a species for this award, the breeder must submit a written request to the Committee for approval prior to awarding points. Reasons must be provided.) This category can be used more than once in attaining the Master Breeder status.

(Continued next page)

The TARGET SPECIES LIST is a list of aquarium species whose spawnings have not been reliably reported by the home aquarist. At the present time the list is as follows:

1. Any species of Labeo.
2. Any species of Loricariidae except Whiptail Catfish and Hemiancistrus (bristle-nose plecostomus).
3. Any species of Loach.
4. Glass Catfish (Kryptopterus bicirrhus).
5. Any species of Scat (Scatophagus).
6. Any species of Headstander (Anostomidae) except Chilodus punctatus.
7. Any species of fish naturally found exclusively in salt water.
8. Any species of Hatchet Fish (Gasteropelecidae).
9. Any species of Glass Fish (Centropomidae).
10. Non-designated species. (A target species of the breeder's choice may be substituted for one of the above 9 categories. In order to qualify a species for this award, the breeder must submit a written request to the Committee for approval prior to awarding points. Reasons must be provided.) This category can be used more than once in attaining the Master or Grand Master Breeder status.

(BAP rules and regulations as of October 16, 1983.)

#### NOTES

1. The spawnings in the Difficult and Target categories will be used in the order of their recorded dates to satisfy the Master Breeder and Grand Master Breeder levels. Example: A breeder who spawns one species from the Target categories and two species from the Difficult categories while attempting to satisfy the Master Breeder level, and then spawns another Difficult species cannot say he will use the three from Difficult to achieve the Master Breeder Award and then the one from the Target categories will satisfy the requirement for the Grand Master Breeder level, even though the target spawn may have occurred first.
2. The albino form of a species shall be considered as a separate species and will be awarded points equivalent to its naturally occurring color form. Albino forms are generally thought to present some additional difficulty with regard to sensitivity and/or raiding of fry. Other than albino forms, points may be gained only once for each species, not for each color morph. For example,

(Continued next page)

(BAP Notes continued)

the color morphs of *Pseudotropheus zebra* (Blue/Black, Cobalt, Red, etc.) are considered to be the same species of fish and points will not be awarded for each variety spawned. The same holds true with killifish, for example, *Aphyosemion gardneri* has about 18 color varieties, but points will be awarded only one time for the species *Aphyosemion gardneri*.

Highfin varieties are treated as the same species as their normally occurring forms and will not be awarded additional points.

3. The three different categories into which killifish are divided in this program reflect the varying degrees of difficulty in spawning these fish:

Category 6 (10 points) covers all the plant spawners. They spawn readily on mops or in a planted tank and the eggs hatch in about two weeks. In general, the fry are not difficult to raise.

Category 7 (15 points) covers the African bottom spawning killies. While they are usually spawned over a peat or fine sand bottom, many of them will spawn on bottom mops. The usual method of hatching involves storing the eggs in peat moss for a period of several weeks or months and, during this time, the eggs may be lost due to fungus or bacteria. It is this additional step which gives an added point value to the African bottom spawners.

Category 13 (25 points) covers the South American bottom spawners: *Cynolebias*, *Pterolebias*, *Austrofundulus*, *Rachovia* and *Simpsonichthys*. These are the true "ploughers"; they must completely bury themselves in the spawning medium (usually peat) before the eggs can be released. They have been found to be more difficult to maintain and to spawn than the African bottom spawners and the fry are generally more difficult to raise.

## BREEDER'S AWARD FORM

INSPECTION DATES: month day year CLASSIFICATION NO.: \_\_\_\_\_  
 \_\_\_\_\_ 1 \_\_\_\_\_ POINTS: \_\_\_\_\_  
 \_\_\_\_\_ 2 \_\_\_\_\_

BREEDING DATE \_\_\_\_\_ NAME OF FISH: \_\_\_\_\_  
 SUBMITTED BY: \_\_\_\_\_ DATE OF SPAWNING \_\_\_\_\_ COMMON \_\_\_\_\_

NAME (Please print) \_\_\_\_\_ DATE OF FREE SWIMMING \_\_\_\_\_ TECHNICAL \_\_\_\_\_

CONDITIONING OF BREEDERS: CARE OF EGGS:  
 age \_\_\_\_\_ temp. \_\_\_\_\_ approx. no. \_\_\_\_\_ size \_\_\_\_\_  
 size \_\_\_\_\_ tank size \_\_\_\_\_ incubation  
 time \_\_\_\_\_ color \_\_\_\_\_  
 food \_\_\_\_\_ fungicide  
 added \_\_\_\_\_

INFORMATION ON BREEDING: CARE OF FRY:  
 tank size \_\_\_\_\_ pH \_\_\_\_\_ tank size \_\_\_\_\_ temp. \_\_\_\_\_  
 temp. \_\_\_\_\_ DH \_\_\_\_\_ age when  
 moved \_\_\_\_\_ food \_\_\_\_\_  
 no. of males \_\_\_\_\_  
 no. of females \_\_\_\_\_ NO. OF YOUNG AT 60 DAYS \_\_\_\_\_  
 DATE \_\_\_\_\_  
 approx. average size of fry at  
 60 days of age \_\_\_\_\_

SPAWNING REPORT SUBMITTED: YES NO NOT REQUIRED PRINTED  
 (To be filled in by Breeder's Award Chairman) DATE \_\_\_\_\_

PLEASE FILL OUT FORM IN DUPLICATE. Use bottom of form for procedure, including removal of breeders, and for any general information such as minimum time between spawnings, filter used, sand, plants, light, salt, or any other helpful information. If additional space is needed use other side.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

POTOMAC VALLEY AQUARIUM SOCIETY  
BREEDER'S AWARD PROGRAM

REQUEST FOR SPECIAL CATEGORY ASSIGNMENT (2 copies)

TECHNICAL NAME \_\_\_\_\_ COMMON NAME \_\_\_\_\_

Current Category \_\_\_\_\_ Points \_\_\_\_\_

Requested Category \_\_\_\_\_ Points \_\_\_\_\_

Reasons-(Specifically why this fish should have its category changed) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BAP Policy Committee Action

Member

\_\_\_\_\_  
Name (Signed)

(Date)

Approved

Disapproved

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Final Action \_\_\_\_\_

Requester Notified \_\_\_\_\_ In Delta Tail \_\_\_\_\_

\_\_\_\_\_  
Coordinator

(Date)

## BREEDER'S LOG

NAME \_\_\_\_\_

CATEGORY	PTS	DATE	TYPE	TOTAL PTS



# BREEDER'S AWARD PROGRAM

Garland Neese	1,115	++++
Gerry Hoffman	895	++++
Pat and Paggi Mahoney	785	++++
Darrell Holman	640	++++
Woody Griffin	610	++++
John Jessup	585	+++++
Ruth Brewer	305	+++
Roser Family	220	++
Wagner Family	165	++
Frank Anzilletta	140	+
Alex Cummins	125	+
Nathan Lanwaring	100	+
Amy Stirman	50	+
Pat Gore	10	
John Lanean	10	
Ray Krause	10	
Leslie Stirman	10	

## CHECKERS

Alex Cummins	...	656-6355	Ray Hughes	...	424-3531
Pat Gore	...	522-3889	Jerry Stirman	...	941-6729
Frank Anzilletta	...	670-8980	Kenny Warren	...	378-8838

## KEY

Grand Master Breeder	+++++
Master Breeder	++++
Advanced Breeder	+++
Intermediate Breeder	++
Breeder	+

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# POTOMAC VALLEY AQUARIUM SOCIETY, inc.



POST OFFICE BOX 6219 SHIRLINGTON STATION ARLINGTON, VIRGINIA 22206

## APPLICATION FOR MEMBERSHIP

DATE \_\_\_\_\_ 19 \_\_\_\_

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE CONTACTS H \_\_\_\_\_ B \_\_\_\_\_

Number of tanks \_\_\_\_\_ Time in hobby \_\_\_\_\_

Fish you have spawned \_\_\_\_\_

What can this club do for you \_\_\_\_\_

What do you want to do for the club \_\_\_\_\_

Which sub-groups of fish interest you \_\_\_\_\_

How long do you plan to be in this area? \_\_\_\_\_

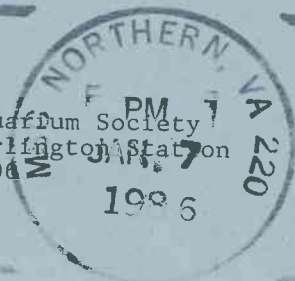
Occupation \_\_\_\_\_

Membership dues for the Potomac Valley Aquarium Society are:

Family	\$12.00	Corresponding	\$7.00
Individual	\$10.00	Junior (under 18)	\$5.00

Please send application and check for dues to address above.

Potomac Valley Aquarium Society  
P.O. Box 6219 Shirlington Station  
Arlington, VA 22206



Alex Cummins  
4422 Stanford St.  
Chevy Chase, MD 20815

The Potomac Valley Aquarium Society will meet on the following dates in 1986:

Jan. 13	May 12	Sept. 8
Feb. 10	June 9	Oct. 13
March 10	July 14	Nov. 10
April 14	Aug. 11	Dec. 8

Meetings are held at the John C. Wood Facility, Rt. 237 (Old Lee Hgwy)  
Fairfax City, VA. on the 2nd Monday of every month. Doors open at 7:30 PM  
Meetings start at 8:00 PM. Everyone is welcome.