

# \* DELTA TALE \*

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50¢

OFFICIAL PUBLICATION OF

potomac valley aquarium society



# POTOMAC VALLEY AQUARIUM SOCIETY



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Delta Tale is published for the benefit of the Potomac Valley Aquarium Society, Inc., a non-profit organization, established in 1960 for the purpose of furthering the aquarium hobby by dissemination of information, encouraging friendly competition, soliciting participation in its shows, and promoting good fellowship. Correspondence should be addressed to: PVAS, po box 6219 Shirlington Station, Arlington, VA 22206. Original articles and artwork may be reprinted by other non-profit organizations if credit is given to the author, Delta Tale, and PVAS. Two copies of the publication should be sent to Delta Tale c/o PVAS. Please place the authors name on one copy to insure that it gets to him/her. PVAS and Delta Tale disclaim any responsibility for content or availability of advertised merchandise or services in these pages. Customer satisfaction is a matter to be worked out exclusively between the advertiser and the buyer. All materials for inclusion in the Delta Tale **MUST** reach the editor by the 18th of the month prior to publication.

## 1987 PVAS OFFICERS

President- Gene Aldridge  
Vice President- Pete Thrift  
Treasurer- Gerry Hoffman  
Corresponding Sec.- Bob Pallansch  
Recording Sec. - Lea Spickler

## 1987 PVAS BOARD OF GOVERNORS

John Jessup, Ray Hughes, John Stieringer, Kenny Warren  
Ex-officio- Bob Roser

## 1987 COMMITTEE HEADS

Auctions- Alex Cummins	Fall Program-
BAP- John Jessup	Bowl Shows-
HAP- Alex Cummins	Programs-
Library- Pete Thrift	Ways & Means-
Membership- Pat Gore	FAAS- Gerry Hoffman
Spring Show- Pete Thrift	Delta Tale- John Mangan

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#### A NOTE FROM THE PRESIDENT

With the Holiday Season over I hope all of you have survived and ready to go into 1987. The newly elected PVAS Officers and Board of Governors Members Gene Aldridge, Pete Thrift, Gerry Hoffman, Bob Pallansch, Lea Spickler, John Stieringer and Kenny Warren are ready, willing and able to serve you the members in 1987.

There are several Committees that are in need of Chairpersons. These are the Ways and Means, Programs and Delta Tale Editor. None are really hard, just require a little time and effort each month. If you are interested just let Pete, John M, or me know. The three of us are more than willing to talk about these or any other job in PVAS. If you are only willing to help on these or any of the other Committees, just let me know, your help would be gratefully appreciated.

See you at the meeting on January 12, 1987.

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#### WHAT'S HAPPENING IN JANUARY

Program- annual BAP program and slide show. If you only see one program this year this is the one to see.

Bowl Show- A fresh start. Bring those fishes and start getting your points. See the bowl show rules elsewhere in this issue for details and catagories.

Mini-Auction- lots of good stuff is sure to be offered. Sellers can bring up to 3"bags" of stuff each .

Door prize and Raffles

FREE admission to the first 12,000 people. Make sure you get there early.

FRUM THE EDITORZ DESK

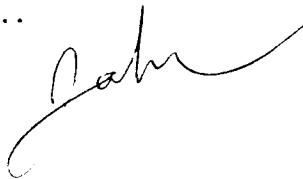
I hope Santa brought all of you what you wanted for Christmas. I was slightly let down. I couldn't figure out how to widen the chimney so he could get the 100 gallon tank down it. Just as well I guess though, I don't know where I would have found room in the fish room for it if he had brought it.

We're starting another new year and we have a number of new officers and committee heads. I wish them all luck in the coming year and hope all of you will give them plenty of help and support. There are still a number of positions that we need people to fill. See the presidents message on the previous page for details. We have a lot of newer members and I would like to encourage them to try one of these jobs , or one of the many others that will come up throughout the year. You don't need any experience for any of these jobs. There are experienced people available to teach you the jobs and help you through any trouble spots. The club must get new people involved in its running. YOU are the future of PVAS.

I still need new business cards from several shops for the back pages of Delta Tale. Please look in the back and see which ones are small and eligible. I would like several copies of each if possible so I have some spares.

For all of you interested in getting started in the Breeders Award Program, I strongly recomend that you come to the Jan. meeting. This is our annual BAP program. The entire program will be explained in detail and there will be a slide show showing a large variety of fishes, all of which are/were owned by PVAS members.

That's enough for this month...



p.s.- for those of you new to PVAS or seeing this magazine for the first time a brief explanation of the contents of this issue. The Jan. issue of Delta Tale is our annual business issue. Delta Tale usually contains articles on different fishes and aspects of fishkeeping as well as several monthly columns that do not appear in this issue. Things will be back to "normal" next month.

J.M.

TRADING POST

FOR SALE - (Santa brought me an Eheim for Christmas!)  
- Supreme AquaKing filter. New in box; purchased as back-up and never used. Also includes Supreme carbon box, spare King siphon, and three Supreme premium filter pads. \$25  
- Tetra Luft G air pump. Brand new in box. Output equal to Whisper 800. 3 year guarantee. \$17  
- Tetra Super Brillant sponge filter. Filters to 40-50 gallons. Used 2 months. \$8  
- Approximately 14 lbs washed dark blue gravel. \$4  
- Hagen Aquaclear Jr. filter. Excellent cond. W/media. \$6  
Pete Thrift 971-0594 after 6PM

Want- Allotoca spp., Zoogoneticus spp., Allodontichthys spp., female Ataeniobius toweri, old aquarium books and magazines.  
For Sale- Xenotoca eiseni young pairs- \$3/pr.; Ameca splendens fry \$1 ea.; Xiph. helleri helleri fry \$1 ea.; backissue aquarium magazine- send SASE for catalog; 6 Betta picta \$5, mixed sexes & sizes. Free to good home- two snapping turtles. one aprox. 4" the other aprox. 6".  
John Mangan, 9770 Oleander, Vienna VA 22180

Ads for the Trading Post should be sent to John Mangan, 9770 Oleander ave, Vienna, VA 22180. Ads must be received by the 18th of the month prior to publication.



(Barick)

POTOMAC VALLEY AQUARIUM SOCIETY  
Board of Governors Meeting  
9 November 1986

The PVAS Board of Governors met on Sunday, November 9th, at the home of John Jessup. The meeting was called to order at 10:40 AM. Those in attendance were John Jessup, Ray Hughes, Bob Pallansch, Gerry Hoffman, Alex Cummins, and Pete Thrift.

Treasurer Gerry Hoffman reported the overall income and expenses for the Fall Workshop and Auction:

Workshop: Income - 635.00  
Expenses - 921.25  
- \$286.25

Banquet: Income - 795.00  
Expenses - 781.80  
+ \$13.20

Auction: Income - 4515.87  
Expenses - 3124.65  
+1391.22

The overall profit to the club for the weekend was \$1118.17.

A motion was made and passed to authorize Gerry Hoffman to allocate \$500 towards accommodations for the 1987 spring show at the Best Western Falls Church Inn.

A motion was made and passed to purchase additional PVAS letterhead stationary.

Gerry Hoffman was commended by the Board for his considerable efforts in making the workshop weekend such a success.

Gerry Hoffman thanked George White for obtaining prepared water so that the Tidewater club members could rebag their fish before departing.

The meeting adjourned at 12:30 PM.

Pete Thrift  
Corresponding Secretary

POTOMAC VALLEY AQUARIUM SOCIETY

Board of Governors Meeting  
1 December 1986

The December meeting of the PVAS Board of Governors was held on 1 December, 1986, at the home of Bob Roser. The meeting was called to order at 8 PM. Those in attendance were Bob Roser, Gene Aldridge, John Jessup, Gerry Hoffman, Ray Hughes, Alex Cummins, Bob Palansch, Kenny Warren, John Mangan, and Pete Thrift.

Treasurer Gerry Hoffman reported that PVAS has a balance of \$3010.54 on deposit and cash-on-hand, and that \$263.86 is still owed PVAS from the Fall Auction. All bills to the Best Western Falls Church Inn have been paid in accordance with our contract agreement. There has been no activity in the pursuit of tax-exempt status for the club from the IRS. The Board agreed to research whether applying for a non-profit designation would allow PVAS to use a reduced mailing rate for the Delta Tale and other club bulk mailings, as a non-profit designation is easier to qualify for than is a tax-exempt status.

BAP Chairman John Jessup reported that all BAP records are now fully organized and computerized, and that a file is being maintained for each BAP participant.

Concerning the PVAS Christmas party, Bob Roser will prepare two turkeys and a ham as the main entrees. Bob will also coordinate the dishes to be brought by each attending family. A motion was made and passed to purchase two inexpensive punch bowls. Ray Hughes will make this purchase.

John Mangan requested new business cards from our local supporting shops so they can continue to be printed in the Delta Tale.

The Board agreed to expend \$25 to renew the club's membership in the Federation of American Aquarium Societies (FAAS) for 1987.

John Jessup moved that the Board authorize Gene Aldridge to spend up to \$400 for a new club slide projector and portable stand, and that Gerry Hoffman be authorized to spend up to \$400 for next year's trophies and ribbons. Both motions passed.

The meeting was adjourned at 9:20 PM.

Pete Thrift  
Corresponding Secretary

## 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 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. These classes will be: Cichlids, and Other Egglayers and Livebearers.

2. Each of the above classes will have three sub-classes.

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 the 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 Dec. 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 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:



a. Novice entries will be judged as part of the regular bowl show in the classes and subclasses in which they fit.

b. 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.

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 Jan. 1984. Each month the bowl show Judge(s) 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 Nov. 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 bowl show for Nov.

9. Any recommendations for 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 (18cm), 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 fishes 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.

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

Rift Lake, non-Mbuna- Any species endemic to the riftlakes and not classified as an Mbuna.

Rift Lake, non-mouthbrooder- Any species endemic to the riftlakes which is not classified as a mouthbrooder. Lamprologus, ulidochromis, etc.

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

BOWL SHOW SCHEDULE

<u>ichlids</u>	<u>Months</u>	<u>Egglayers/Livebearers</u>
ew World Large iftlake Mbuna except Psedotropheusspp.) pen	January June	Anabantoids Catfish, Corydoras spp. open
ew World Medium aplochromis pen	February July	Guppies Barbs Open
ew World Dwarf ift Lake, non-mbuna except Haplochromis spp.) pen	March August	Killifish Catfish, non-Corydoras Open
ngelfish and Discus on-riftlake African pen	April September	Livebearers, non-Guppy Sharks and Loaches Open
ew World Mouthbrooder 'seudotropheus pen	May October	Goldfish and Koi Characins Open
ngelfish and Discus ew World, all other lbuna laplochromis iftlake, Non-mouthbrooder pen	November expnded show	Livebearers Characins Catfish Sharks and Loaches Anabantoids Open
	December	
No bowl show--Christmas Party, Awards		

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

1 December 1986

**POTOMAC VALLEY AQUARIUM SOCIETY  
BREEDER'S AWARD PROGRAM**

The Potomac Valley Aquarium Society has established the following Breeder's Award Program (BAP) to encourage members to breed a broader 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) of the Potomac Valley Aquarium Society and there are no time limits. You proceed at your own pace. Awards are given as detailed in the rules.

**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 available accounts of successful spawning techniques available to club members through the DELTA TALE and through association at the general meetings.

**THE BAP COMMITTEE**

The Breeders Award Program Committee shall consist of five members. The Chairman shall be appointed by the President of PVAS, and the remaining four members shall be appointed by the Chairman with the advise and consent of the Board of Governors. The President of PVAS is ex officio a member of the committee.

**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, making appropriate awards to qualified members, and reviewing these rules and regulations at least once each year for possible improvements.

(Continued next page)

## 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 to be verified, contact the checker nearest you and arrange for the necessary appointment to check the fish. If you are unable to contact your nearest checker after a few days, contact one of the other checkers or a BAP Committee member. BAP Committee members are empowered to verify all spawnings. The forms which must be completed to report each spawning may be obtained from a checker or BAP Committee member.

The names of BAP checkers, their telephone numbers and areas of responsibility will be published no less than bi-monthly in the DELTA TALE.

## PROGRAM ELIGIBILITY

All members of PVAS in good standing, except corresponding members, are eligible to participate in the Breeders Award Program.

## THE PROGRAM

The program is composed of five (5) levels of competency. These levels and their requirements are as follows:

1. **BREEDER AWARD** -- Has attained 50 breeding points from any of the categories.
2. **INTERMEDIATE BREEDER** -- Has attained Breeder status and a total of 150 breeding points in any of the categories.
3. **ADVANCED BREEDER** -- Has attained Intermediate Breeder status and a total of 300 breeding points, including at least 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 and Target Lists to achieve these points. (See Note 1, below)
5. **GRAND MASTER BREEDER** -- Has attained Master Breeder status and has spawned at least one additional species on the Target List over and above those spawned for Master Breeder status.

(Continued next page)

## ACKNOWLEDGEMENTS

Attainment of any of the five levels will be recognized in the DELTA TALE and at the next general meeting. Awards are presented each December at the annual Christmas meeting.

## REQUIREMENTS

1. Breeding points are awarded upon proof of spawning in any of the 17 different categories. Points may be gained only once for each species and its albino form. Variant color morphs are not eligible for additional points. (See Note 2, below)
2. Spawning is defined for a 10-point fish as raising at least ten (10) fry to thirty (30) days of age after hatch 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 and fertilized during a one-week period, and all fry hatched from the one-week spawn are counted as part of one brood for the purpose of satisfying the BAP requirements.
4. Spawns must be the product of eggs fertilized through breeding a pair of fish in one's own tanks, and not the result of obtaining eggs or gravid fish from another breeder and then hatching the spawn.
5. Any fish not included in the first 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 the awarding of points. The attached Request for Special Category Assignment form is to be used for filing this request.
6. Following a successful spawning, it is the breeder's responsibility to assure that his points have been properly verified and reported. A spawning report must be submitted in order to receive points. A copy of the Breeder's Award Form, that is to be used for this purpose, is attached. Additional forms may be obtained from your checker.

(Continued next page)

## REQUIREMENTS (Cont'd)

7. The requirement for ten (10) fry may be waived by the BAP Committee when a fish is known to generally produce less than that number in an average spawn. The Request for Special Category Assignment form will be used to request such a waiver for 15-point fish and above. For 10-point fish, a comment may be made in the "Remarks" section 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 fry is sufficient to trigger the start of the reporting process. 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/inspection for all categories of breeding must be performed within ten (10) days of hatching (for killifish, beginning of hatching). For 10-point fish, this first notification may be made telephonically to a checker, or any other member of PVAS in good standing, who can then verify the call by signing the Breeder's Award Form at the next meeting. All 15-point and higher-category spawns must be verified and inspected within ten (10) days by a checker or BAP Committee member.
2. The second verification and inspection for all categories must be done by a BAP checker or BAP Committee member. Depending upon the category, the fry must be thirty (30) or sixty (60) days old, and in the correct number, at the time of the inspection. If you wish, the ten (10) fry may be brought to a general meeting for verification.
3. For all 15-point and higher category spawnings, a summary of the spawning procedure must be submitted, either orally at a general meeting, or in writing, for publication in the DELTA TALE. This written or oral report must be submitted within four (4) months of submission of the Breeder's Award Form to receive proper credit for the spawn.

(Continued next page).

## **PROOF OF SPAWNING (Cont'd)**

4. For all categories, a Breeder's Award Form must be submitted to the BAP Committee. Any spawning may be investigated at any time by the BAP Committee.
5. Any BAP Committee member or checker wishing to claim points for a spawn must do so in the prescribed manner. In addition, in the case of Difficult or Target Fish, he must have two checkers on each occasion to confirm the spawn.

## **CHANGES AND MODIFICATIONS TO 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 changes or modifications to the rules and regulations:

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 before the effective date of the change.
3. Special requests for category changes should be submitted on the Request for Special Category Assignment form. The requestor will be notified in writing as to the action taken.
4. All appeals from the rulings of the BAP Committee must be made in writing to the PVAS Board of Governors for final decision.
5. No reduction in points will be retroactive. However, when a change results in upgrading points, award of additional points to the breeder depends upon his/her meeting all of the additional requirements imposed upon that category. This rule holds true for all who benefit from its effect.

(Continued next page)

## CATEGORIES

The Categories and their breeding point values are as follows:

- Category 1 - 10 points -- Any species of livebearing fish, except as noted elsewhere.
- Category 2 - 10 points -- Any mouthbrooding cichlid (African or New World), except as noted elsewhere.
- Category 3 - 10 points -- Any species of cichlid, except as noted elsewhere.
- Category 4 - 10 points -- White Clouds, or any species of rainbow, danio, or brachidanio.
- Category 5 - 10 points -- Any species of barbs.
- Category 6 - 10 points -- Any killifish, except as noted elsewhere. (See Note 3)
- Category 7 - 15 points -- Bottom spawning African killifish (See Note 3), the *Glossolepsis* genus, and any species of anabantoid other than the Chocolate or Kissing Gourami.
- 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 known as a dwarf cichlid. A dwarf cichlid is one that does not exceed four (4) inches at maturity.
- Category 10 - 15 points -- Any endemic Rift-Lake substrate spawning cichlid, except as noted elsewhere.
- Category 11 - 20 points -- New World large cichlids, except as noted elsewhere.
- Category 12 - 20 points -- Any species of catfish, except as noted elsewhere.

(Continued next page)



## CATEGORIES (Cont'd)

- Category 13 - 25 points -- Any species of bottom-spawning South American killifish. (See Note 3).
- Category 14 - 25 points -- Any species of characin, except as noted elsewhere.
- Category 15 - 30 points -- DIFFICULT SPECIES (See following)
- Category 16 - 50 points -- TARGET SPECIES (See following)
- Category 17 - Various -- SPECIAL ASSIGNMENT
- 17(a) - 15 points -- The genus *Tropheus*
  - 17(b) - 15 points -- *Cyphotilapia frontosa*
  - 17(c) - 20 points -- *Etroplus maculatus* (Orange Chromide)
  - 17(d) - 10 points -- Less than 10 fry/spawn of any of the following:
    - Brachyphapsis 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*

## DIFFICULT SPECIES LIST

This is a list of species whose spawnings have been recorded but can still be considered rare or difficult. At the present time, the list is as follows:

1. Any species of *Discus* (*Symphysodon*).
2. Neon Tetra (*Hyphessobrycon innesi*) or Cardinal Tetra (*Hyphessobrycon 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 Catfish (*Ancistrus*).

(Continued next page)

#### DIFFICULT SPECIES LIST (Cont'd)

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 Stickleback (*Gasterosteidae*).
13. Spotted Headstander (*Chilodus punctatus*).
14. Chocolate Gourami (*Sphaerichthys osphromenoides*).
15. *Cicholsoma severum*, *Geophagus juripari*, *Etroplus 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 BAP Committee prior to the award of points. A complete explanation of the request is required.) This category may be used more than once to qualify for Master Breeder status.

#### TARGET SPECIES LIST

This list comprises species of fish whose spawnings have not been reliably reported by the home agawarist. At the present time, the list is as follows:

1. Any species of Labeo.
2. Any species of Loricariidae, except the Whiptail Catfish and Hemiancistrus (*Bristlenose 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 nine categories. In order to qualify a species for this award, the breeder must submit a written request to the BAP Committee prior to the award of points. A complete explanation of the request is required.) This category may be used more than once to qualify for Master Breeder or Grand Master Breeder status.

(Continued next page)

## NOTES

1. The spawnings of Difficult or Target category fish will be used in the order of their recorded dates to satisfy the Master Breeder and Grand Master Breeder Award criterion. For 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 Award criterion, and then spawns another another Difficult category species cannot say he will use the three Difficult category species to satisfy the Master Breeder Award criterion and the one Target species to satisfy the Grand Master Award criterion, even though the Target spawning may have occurred first.
2. The albino form of the 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 raising of fry. Other than albino forms, points may be gained only once for each species and not for each color morph found within the species. For example: The color morphs of *Pseudotropheus zebra* are numerous, but are considered to be all of the same species and points will be awarded only one time for the species. The same rule applies to killifish. For example: *Aphyosemion gardneri* has at least 18 color varieties, but points will be awarded only once for the species.

Highfin varieties are treated as being the same species as their naturally-occurring forms and, therefore, the species will be awarded points one time.

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

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

(Continued next page)

NOTES (Cont'd)

Category 7 (15 points) covers the African bottom-spawners. While 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 during which time the eggs may be lost to fungus or bacteria. It is this additional step that gives the added point value to these fish.

Category 13 (25 points) covers the South American bottom-spawners: Cynolebias, Pterolebias, Austrofundulus, Rachovia, and Simpsonichthys. These are the true "ploughers" who 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.

(End of BAP Rules and Regulations)  
(These rules became effective 1 October 1986)



*"How could anyone flush a goldfish down a sink?"*







**BREEDER'S AWARD PROGRAM  
STATUS**

**Grand Master Breeder**

John Jessup 580

**Master Breeder**

Garland Neese 1,115  
Gerry Hoffman 895  
Pat & Maggi Mahoney 785  
Darrell Holman 640  
Woody Griffin 610

**Advanced Breeder**

Ruth Brewer 305

**Intermediate Breeder**

Roser Family 260  
Alex Cummins 205

**Breeder**

Frank Angilletta 140  
Nathan Mainwaring 100  
Kenny Warren 90  
Gene Aldridge 80  
George White 60  
Amy Stirman 50

**Members Working For BAP Status**

Sharon Steele 30  
John Mangan 30  
Howard Kresin 15  
Pat Gore 10  
Ray Krause 10  
Leslie Stirman 10



### New BAP Reports Received

George White

L. fuelleborni  
Ps. macrophthalmus (Chilumba)  
H. burtoni  
H. venustus  
A. nyassae  
Ps. lombardi

### BAP BOARD MEMBERS

John Jessup (Chair) (Arlington) 534-1704  
Gerry Hoffman (Warrenton) 347-7486  
John Mangan (Vienna) 938-4778  
Alex Cummins (Prince Georges) 656-6355  
Gene Aldridge (ex-officio) (Arlington) 998-8757

### CHECKERS

Arlington County: Pat Gore - 522-3884  
Fairfax-Vienna: Jim Long - 280-1753  
Alexandria: Jerry or Amy Stirman - 941-6729  
Clifton-Centerville: Kenny Warren - 378-8838  
Dale City-Stafford: Bob Roser - 659-1879  
Warrenton: Gerry Hoffman - 347-7486  
Prince Georges County: Alex Cummins - 656-6355  
Montgomery County: Ray Hughes - 424-3531

N.B. If you cannot reach your nearest checker, please call you nearest BAP Committee Member or John Jessup at 534-1704. An arrangement will be made to get someone to check your fish.



**Bill, Ruth, John  
Mangari**

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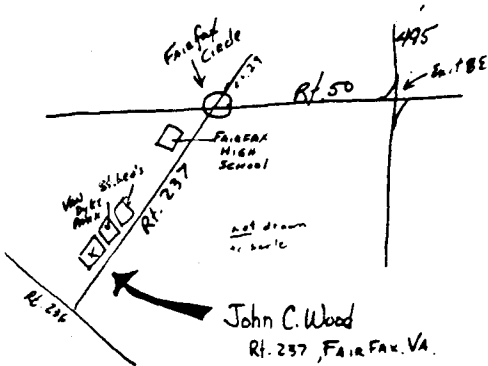


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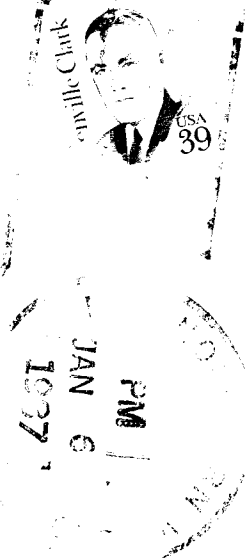
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The Potomac Valley Aquarium Society will meet on the following dates in 1987:

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

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

M.C.O.