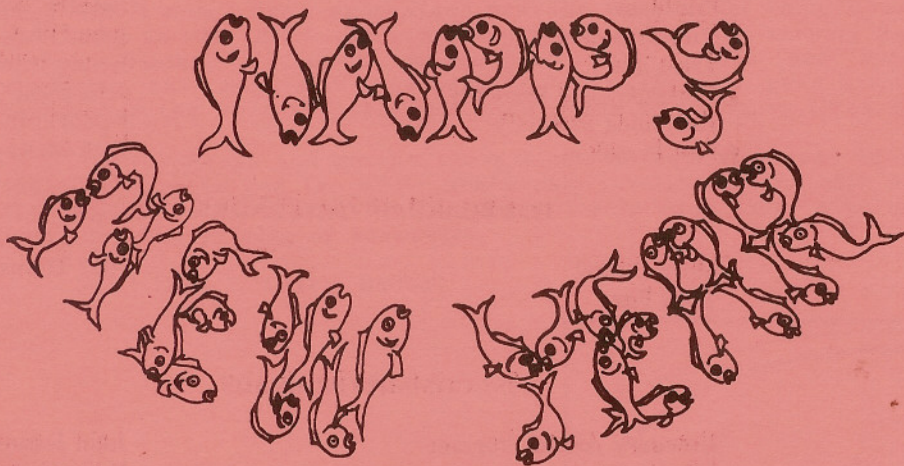


# \* DELTA TALE \*

JAN/FEB 1992  
Vol. 23 #1

OFFICIAL PUBLICATION OF

potomac valley aquarium society





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 author's name so that a copy of the publication can be forwarded to him or her. 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 preceeding the issue month.

#### 1992 PVAS OFFICERS

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#### 1992 COMMITTEE HEADS

Breeder's Award Program  
Library  
Membership  
Bowl Shows  
Programs  
Ways and Means  
Corporate Agent  
Delta Tale Editor

John Jessup  
Brian Groover  
Gene Aldridge  
Larry Wilkie  
  
Pete Thrift  
Gerry Hoffman  
John Mangan

Hi Everyone:

I love fish - actually I love all animals - but I like fish the best. It might have something to do with the fact they have never left me any little surprises on my new rug or cost me a \$100 fine when they got out of the fence... but all of that is another story. I can still feel the pain of watching the first fish I ever killed die. I cried and felt so helpless and looking back on it now I don't understand how the poor little thing lived as long as it did. My complete ignorance of fish keeping was almost criminal. I can't change the whole world and make everyone who buys fish knowledgable, but maybe with your help we can spread the word together and save a few little finny lives.

In the weeks and months ahead I will be outlining some ideas that I have to get the whole membership involved in the club and its activities and ways that we can all help each other with new ideas and the sharing of knowledge.

Until then - "Later, Dudes"

ed. note- the photo at the right, taken at the Sept. 1991 board meeting, shows just one of the many reasons Beverle was chosen as our new leader. J.M.

note to Beverle- it's dangerous to leave  
blank space at the bottom of your page.  
Who knows what may show up in it. J.M.



**"Well, good heavens! . . . I can't believe you men . . . I've got some rope!"**



It's January, our new president has taken office, and I'm still sitting in my cold basement office. So obviously I didn't get the ambassadorship to Tahaiti I was trying for. I guess Beverle didn't think that \$1.73 was a big enough campaign contribution to warrent an appointment like that. Either that, or she had it already promised to somebody else. Probably Ray Hughes. You know how those Maryland people stick together. Wait a minute! While we're talking conspiricies here don't you think it's a little odd that our new President AND

Vice-President are from Maryland? Has anyone actually seen our former President Rick McKay recently? He wasn't at the christmas party. I think I'll put the Delta Tale team of investigative reporters, Woodhead and Berntout, onto this. Watch this space for future reports. Does anyone out there have OLiver Stone's phone number?

Now to get serious for a minute, but only for a minute, about this issue of Delta Tale...

January is traditionally our business issue. This is where you will find a complete set of Breeders Award Program rules plus information on other PVAS activities. Also in this issue is a PVAS membership list.

For those of you picking up a copy of Delta Tale for the first time please don't think that we're always this serious and boring, although my opening paragraph should eliminate that thought. A typical issue contains articles on all aspects of fishkeeping and aquariums by PVAS members plus articles reprinted from other aquarium societies. We also print puzzles, poetry, artwork, cartoons, and all kinds of other stuff. So pick up a copy of the next issue at your local pet store, or better yet join PVAS and get your very own personalized copy of Delta Tale every other month.

This paragraph is for all of you that are already members- it's up to you to help me live up to that PR paragraph I just wrote. You did a pretty good job of sending me articles and stuff last year. Let's keep it up and make this year even better. I need some stuff from all of you by the begining of February so I can get the March/ April issue put together and out on time.

Until next time...

*Jan*

## FROM THE EDITORZ DESK!



## WHAT'S HAPPENING

### Jan. 13- PVAS Monthly Meeting-

As usual the meeting will consist of a speaker/program on some aspect of aquarium keeping, plus:

Bowl Show- PVAS members may bring their fishes to be judged against each other. There is a specific class each month plus an open class that any other fish may enter. Fish should be in an appropriate size bowl with at least two flat sides. One fish per bowl. January's classes are Killifish and open. 1st, 2nd, and 3rd place awards are given in each class.

Door Prize- everyone gets a chance to win an aquarium related prize.

Raffle- raffle tickets are sold and at the end of the meeting lots of good aquarium stuff is given away.

Mini-Auction- PVAS members may bring up to 3 bags/items each to be auctioned. A good way to get rid of those extra fry or buy something unusual.

Lots of time to meet fellow aquarists and talk fish before and after the "official" meeting. Meetings start at 8:00 but the doors open at 7:30.

More- you never know what may happen.

### Feb. 2- PVAS Winter Auction-

Something new for PVAS. If you are familiar with our

Spring and Fall Auctions this is the same type affair.

This will be held at the Vienna Community Center *120 Cherry St.*

Vienna, VA. If you are a PVAS member, or on our mailing

list, you will be receiving a flyer with details. If not

watch the classified ads in the Washington Post the

weekend before and of Feb. 2 for more info. - *or call Rick McKay*

*(703) 281-1647. Registration 10:30 - 12:30. Auction starts at Noon.*

### Feb. 10- PVAS Monthly Meeting- all the same great stuff as above. Bowl show classes- Tetras and open.

### May 1-3?- American Livebearer Association Convention. Watch this column (or see me) for more details as they become available.

### ? ? ?- PVAS Spring Show and Auction. At the time I'm writing this I don't have the date but it's not too early to start thinking about it. More info in the next issue.

\*\*\*\*\*

## TRADING POST

Any PVAS member may place ads to buy, sell, trade, etc. any aquarium related items at no charge. Deadline for the next issue is Feb. 10. Send ads to Delta Tale c/o John Mangan, 9770 Oleander Ave., Vienna VA 22181. Or see me at a monthly meeting.



**POTOMAC VALLEY AQUARIUM SOCIETY  
BREEDER'S AWARD PROGRAM  
(1 January 1991)**

The Potomac Valley Aquarium Society Breeder's Award Program (BAP) was established 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 by telephone 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 *Glossolepis* 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*

17(f) - 30 points -- *Belonsox belizanus*  
(Considered a DIFFICULT SPECIES)

## 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 temminckii*).
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*).

(Continued next page)



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

- 7a. Any species of Whiptail Catfish (Loricaria).
- 7b. Any species of Bristlenose Catfish (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 Stickleback (Gasterosteidae).
13. Spotted Headstander (Chilodus punctatus).
14. Chocolate Gourami (Sphaerichthys osphromenoides).
15. Cicholsoma severum, Geophagus jurupari, 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 aquarist. 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 bicirrhous).
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.

## 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 criteria cannot substitute another Difficult category species spawned after the designation as Master Breeder and then use the one Target species to satisfy the Grand Master Award criteria.
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 once 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.
3. Highfin varieties are treated as being the same species as their naturally-occurring forms and, therefore, the species will be awarded points one time.
4. 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 become effective 1 January 1991)

### BAP BOARD MEMBERS

John Jessup (Chair) (Manassas) 330-6257  
Gerry Hoffman (Warrenton) 347-7486  
John Mangan (Vienna) 938-4778  
Gene Aldridge (Arlington) 998-8757  
Tony Fitz (Montgomery County) 340-7876  
Bev Sweitzer (ex-officio)

### CHECKERS

Arlington County:	Gene Aldridge - 998-8757
Fairfax-Vienna:	Jim Long - 280-1753
Clifton-Centerville:	Kenny Warren - 378-8838
Warrenton:	Gerry Hoffman - 347-7486
Montgomery County:	Tony Fitz - 340-7876
Montgomery County:	Ray Hughes - 424-3531

N.B. If you cannot reach your nearest checker, please call your nearest BAP Committee Member or John Jessup at (703) 330-6257. An arrangement will be made to get someone to check your fish.

**BREEDER'S AWARD PROGRAM  
STATUS**

**Grand Master Breeder**

John Jessup	595 (Provisional)
-------------	-------------------

**Master Breeder**

Garland Neese	1,115
Gerry Hoffman	895

**Advanced Breeder**

**Intermediate Breeder**

Tony Fitz	290
Kenneth Muller	270
John Mangan	150

**Breeder**

Kenny Warren	90
Gene Aldridge	80
George White	60
Pete Thrift	50

**Members Working For BAP Status**

Jason Hoffman	20
Bill McKinney	??+

- \* - Awaiting Articles
- # - Member no longer active in PVAS
- + - Lost Reports

Chairman's Note: The list has been purged of those PVAS members who are no longer active in the club. Their records are on permanent file, however, and can be retrieved at any time.



## BREEDER'S AWARD FORM

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

BREEDING DATE  
 SUBMITTED BY: \_\_\_\_\_

DATE OF SPAWNING \_\_\_\_\_

NAME OF FISH: \_\_\_\_\_

COMMON \_\_\_\_\_

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

## CONDITIONING OF BREEDERS:

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

## INFORMATION ON BREEDING:

tank size \_\_\_\_\_ pH \_\_\_\_\_ CARE OF FRY: 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 NOT REQUIRED  
 (To be filled in by Breeder's Award Chairman)

PRINTED  
 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**

**\*\*\*\*\***

**JANUARY 1992**

**MEMBERSHIP**

**LIST**



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Evan Cohen 301-871-5656 09/92 90  
3807 Peachtree Court Apt #11, Silver Spring, MD, 20906

Dan Cohen 401-997-6957 05/92 64  
6007-9 Majors Lane, Columbia, MD, 21045

Alex & Shirley Cummins 05/92 61  
12207 Charles Road, Wheaton, MD, 20906

Bill Cunningham Hon Life 126  
8104 Bainbridge Road, Alexandria, VA, 22308

Dale D DeWald 301-231-5216 05/92 59  
14801 Gamble Court, Silver Spring, MD, 20904

Thomas Ede 202-544-0082 05/92 412  
12 - 14th Street S. E., Washington, DC, 20003

Michael J Edwards 301-262-3204 06/92 23  
12300 Sir Lancelot Drive, Glen Dale, MD, 20769

Thomas E Elder 703-803-9505 01/93 57  
6514 Haversack Road, Centreville, VA, 22020

Tony A Fitz 301-933-4397 05/92 47  
12608 Littleton Street, Silver Spring, MD, 20906

Daniel Glessier 301-868-0071 10/92 293  
6407 Woodley Road, Clinton J, MD, 20735

Brian Groover 703-888-4378 05/92 107  
H C 36, Box 105, Winchester, VA, 22601

William P Hall 301-434-0514 05/92 279  
1103 Merwood Drive, Tokoma Park, MD, 20912



James B Harold 301-431-2029 09/92 71  
1810 Greenwich Woods Drive #33, Silver Spring, MD, 20903

John Haubenstricker 301-345-8683 01/92 300  
8434 Potomac Avenue, College Park, MD, 20740

Bill W Hester, Jr. 301-845-4086 11/91 88  
102 Adams Way, Walkersville, MD, 21793

Gerald Hoffman 703-347-7486 05/92 116  
547 Hunton Street, Warrenton, VA, 22186

William Holman 703-691-0410 05/92 410  
4137 Orchard Drive, Fairfax, VA, 22032

Gretchen Homan 703-830-6034 10/92 197  
12134 Brentleigh Place, Fairfax Station, VA, 22039

Gary Hostetler 301-365-1502 05/92 352  
9401 Rosehill Drive, Bethesda, MD, 20817-2045

James S Howard 301-540-3460 12/92 342  
444 N. Frederick Ave #L-217, Gaithersburg, MD, 20877

Raymond Hughes 301-424-3531 05/92 46  
8 Dorothy Lane, Rockville, MD, 20851

Larry Inouye 703-823-8632 05/92 77  
5345 Taney Avenue, Alexandria, VA, 22304

Irene K Jackson 703-823-3930 07/92 325  
5375 Duke Street #1615, Alexandria, VA, 22304

John Jessup 703-330-6257 Hon Life 100  
7376 Rokeby Drive, Manassas, VA, 22110

Elena A M Jurgela 703-369-5813 05/92 101  
10748 Lake Forest Drive, Manassas, VA, 22111

Sharyl Katzman 301-871-5656 09/92 96  
3607 Peachtree Court Apt # 11, Silver Spring, MD, 20906

Michael D Ketcham 301-963-7293 01/93 83  
19125 Rhodes Way, Montgomery Village, MD, 20879

Gary Kopp 703-521-4840 05/92 346  
859 S. Ivy Street, Arlington, VA, 22204

Rick Kraft 703-281-2978 10/92 292  
10310 Mountington Court, Vienna, VA, 22182

Martin Kranitz 05/92 70  
639 Waywood Drive, Annapolis, MD, 21401

Raymond J Krause 313-459-5962 01/93 297  
44140 Lee Ann, Canton, MI, 48187-2834

Joyce & J P Landahl, Jr. 703-330-9893 05/92 350  
8494 Stonewall Road, Manassas, VA, 22110

Scott LeMessurier 301-977-6455 05/92 51  
28 Welbeck Court, Gaithersburg, MD, 20879

James A Leamon 703-978-3220 06/92 24  
4408 Banff Street, Annandale, VA, 22003

Wilson E Legg 717-334-2217 05/92 200  
92 Meade Drive, Gettysburg, PA, 17325

Tom & Sharon Lighton 05/92 129  
5212 Columbia Road, Springfield, VA, 22151

Matt Lindenfelser 703-620-1543 11/91 296  
11611 Stoneview Sq Apt 12C, Reston, VA, 22090

Jim Long 703-280-1753 05/92 84  
9137 Suteki Drive, Fairfax, VA, 22031

John Mangan 703-938-4778 05/92 115  
9770 Oleander Avenue, Vienna, VA, 22181

Lee McCaan 07/92 121  
9914 Barnsbary Court, Fairfax City, VA, 22031

Rick McKay 703-281-1647 05/92 114  
9713 Bunchberry Place, Vienna, VA, 22181

William V McKinney 301-967-8257 05/92 38  
2120 Brooks Drive, Forestville, MD, 20747

John Melograna 301-230-2930 05/92 36  
11433 Schuylkill Road, Rockville, MD, 20852

Rick Meyer 301-428-0105 05/92 307  
18525 Bayleaf Way, Germantown, MD, 20874-2051

Edward A Most 301-570-9584 10/92 289  
4204 Cherry Valley Drive, Olney, MD, 20832

Ken & Judy Muller 703-670-2322 05/92 117  
4071 Tarpon Lane, Woodbridge, VA, 22193

Sean C Murphy 301-869-6887 05/92 248  
18381 Lost Knife Circle, Gaithersburg, MD, 20879

Garland Neese 703-548-0557 05/92 123  
3304 Mount Vernon Avenue, Alexandria, VA, 22305

Earl & Carol O'Bannon 401-355-4617 05/93 67  
3905 Third Street, Baltimore, MD, 21225

John M Oliva 06/92 381  
4001 6th Street, Baltimore, MD, 21225



R J & M L Pallansch 703-532-0137 05/92 92  
 2806 Woodlawn Avenue, Falls Church, VA, 22042

B. Turner & S. Pennell 703-648-0349 03/92 104  
 12117 Waples Mill Road, Oakton, VA, 22124

Andrew T Perlik 05/92 102  
 9810 Windy Hill Drive, Nokesville, VA, 22123

Catherine M Rebarick 703-971-9597 05/92 130  
 6409 Gildar Strreet, Alexandria, VA, 22310

JoAnn Reel & Family 05/92 103  
 3308 Mill Cross Court, Oakton, VA, 22124

Michael Ricketts 703-729-0382 06/92 99  
 20040 Coltsfoot Terrace #301, Ashburn, VA, 22011

Victoria Roberts 703-547-3916 12/91 303  
 Route 8 Box 76, Culpepper, VA, 22701

Tayloe Ross 5/93 203  
 1400 20th St. N.W. #614, Washington, DC, 20036

Jerry L Schwartz Jr. 703-690-6710 06/92 105  
 8314 Brookvale Court, Springfield, VA, 22153

John Shaw 01/92 49  
 26040 Wood Field Road #5, Damascus, MD, 20872

Michael J Skiba, Jr. 05/92 215  
 810 Quince Orchard Blvd # 201, Gaithersburg, MD, 20878-1744

Robert Slodysko 301-894-1912 05/92 41  
 3803 Orme Avenue, Temple Hills, MD, 20748

Juliet R Spall 703-860-1356 05/92 98  
 11319 French Horn Lane, Reston, VA, 22091

Diane & Michael Spencer 05/92 56  
 12609 Two Farms Drive, Silver Spring, MD, 20904

Velasquez S Spring 301-975-9644 02/92 348  
 533 Summit Hall Road, Gaithersburg, MD, 20877

Sharon Steele 05/92 177  
 27798 Via Ventana, Los Altos Hills, CA, 94022

Mark Stephens 301-891-2165 09/92 40  
 411 Boyd Avenue, Takoma Park, MD, 20912

Amy & Jerome Stirman 05/92 133  
 4600 Deming Avenue, Alexandria, VA, 22312

Beverle G Sweitzer 05/92 63  
 9159-A Brookville Road, Silver Spring, MD, 20910

Peter Thrift 703-971-0594 05/92 131  
5809 Lane Drive, Alexandria, VA. 22310

Alexander H Townsend 703-978-9028 05/92 404  
9746 Main Street, Fairfax City, VA. 22031

Wendy & Brian Tramm 703-591-9633 07/92 18  
10793 Crest Street, Fairfax City, VA, 22030

M Trikosko 703-522-5833 02/92 42  
4501 Arlington Blvd. #825, Arlington, VA, 22203

Ricki Tyau 703-765-4620 05/92 272  
P. O. Box 22677, Alexandria, VA, 22304-2677

Merle S Uskievich 301-924-2084 05/92 414  
12105 Heritage Park Circle, Silver Spring, MD, 20906

Carol Veigle 703-941-5870 05/92 285  
4335 Americana Drive Apt 201, Annandale, VA, 22003

Margaretha Velderman 703-698-8415 08/92 44  
8103 Guinevere Drive, Annandale, VA, 22003

Susan & Richard Wannall 703-658-0574 11/92 132  
6206 Lachine Lane, Alexandria, VA, 22312

Kenny Warren 703-378-8838 05/92 80  
12620 Knollbrook Drive, Clifton, VA, 22024

Richard J Warshaw 703-765-2694 12/91 125  
2503 Appian Court, Alexandria, VA, 22306

Bernard J Warycha 703-521-7930 08/92 35  
2806 South 9th Street # 101, Arlington, VA, 22204

Rick Wharton 703-590-1591 10/92 241  
4709 Koester Drive, Woodbridge, VA, 22193

George White 05/92 11  
Consulate General Box 18, FPO, AE, 09619

Regis P White 301-934-1407 05/92 298  
Route 4 Box 4181-B, La Plata, MD, 20646

Larry Wilkie 703-273-8606 05/92 85  
3716 Acosta Road, Fairfax, VA, 22031

Bruce F Zink 301-249-5743 10/92 179  
15413 Neman Drive, Bowie, MD, 20716

#### LATE ADDITIONS

Larry Kline 703-437-3058  
665 Dulles Park Court, Herndon, VA 22070

David Dando 703-720-0460  
705 Windridge Dr., Stafford, VA 22554

# POTOMAC VALLEY AQUARIUM SOCIETY



POST OFFICE BOX 6219 SHIRLINGTON STATION ARLINGTON, VIRGINIA 22206

## APPLICATION FOR MEMBERSHIP

Date: \_\_\_\_\_ 19 \_\_\_\_

Name: \_\_\_\_\_

Street: \_\_\_\_\_ Apartment: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Telephone H: \_\_\_\_\_ W: \_\_\_\_\_

Occupation: \_\_\_\_\_

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? \_\_\_\_\_

Membership dues for the Potomac Valley Aquarium Society are:

Family/Individual:	\$12/yr
Corresponding:	\$ 9/yr
Junior (under 18):	\$ 5/yr

Please send application and check for dues to the address above.



## SUPPORTING VIRGINIA SHOPS

### ANNANDALE PET SHOP

7406 Little River Turnpike  
Annandale, VA 22031  
256-2400

### AQUATIC ENHANCEMENTS, INC.

Aquarium Sales/Leasing/Service  
Box 22677  
Alexandria, VA 22304  
(703) 765-4620

### DISCOUNT PET CENTER

Manassas Shopping Center  
9028 Mathis Avenue  
Manassas, VA 22110  
361-7769

### BAILEY'S PET CENTER

Leesburg Pike Plaza  
35217 South Jefferson Street  
Falls Church, VA 22041  
931-1400

### BEACON MALL PET CENTER

Beacon Mall Center  
6776 Richmond Highway  
Alexandria, VA 22306  
660-6100

### NATIONAL PET AND AQUARIUM

Williston Shopping Center  
6168 Arlington Blvd  
Falls Church, VA 22046  
533-7828

### OAKTON PET SHOP

Oakton Center  
Rt 123 & Hunter Mill Road  
Oakton, VA 22124  
281-9622

### PET MART - TYSONS

8417 Old Courthouse Road  
Vienna, VA 22180  
281-8181

### PETS, ETC - ALEXANDRIA

7688-B Richmond Highway  
Alexandria, VA 22306  
768-2200

### PETS, ETC - CHANTILLY

Sully Plaza  
13932 Lee-Jackson Highway  
Chantilly, VA 22021  
378-2777

### PETS, ETC - HERNDON

Stuart Center  
462 Eiden Street  
Herndon, VA 22171  
437-0381

### PETS, ETC - STERLING

Hechinger Jamesway Plaza  
243-C Harry Flood Byrd Hwy  
Sterling, VA 22170  
430-9667

### PETS-N-THINGS

Pan American Center  
3081 Nutley Street  
Fairfax, VA 22031  
573-4400

### SUNSHINE PETS

7395-H Lee Highway  
Falls Church, VA 22042  
573-6946

### TANKS-A-LOT

Lee Center  
6635 Backlick Road  
Springfield, VA 22150  
703-866-1057

### WILSON'S PARROTS & MARINE

Shirley-Edsall Industrial Park  
5605-G General Washington Dr  
Alexandria, VA 22312  
922-7358

## SUPPORTING MARYLAND SHOPS

### ANIMAL EXCHANGE

765-A Rockville Pike  
Rockville, MD 20852  
424-PETS

### AQUARIUM CENTER

Liberty Road at Offutt Road  
Randlestown, MD  
301-521-4529

### BROTHERS PETS INC.

13810 Georgia Avenue  
Aspen Hill, MD 20906  
460-4600

### CONGRESSIONAL AQUARIUM

162 Congressional Lane  
Rockville, MD 20852  
881-6182

### FISH FACTORY AQUARIUM

582 North Frederick Avenue  
Gaithersburg, MD 20877  
881-6182

### GLENMONT TROPICALS

12345 Georgia Avenue  
Wheaton, MD 20902  
949-0344

### HOUSE OF TROPICALS

7389F Baltimore-Annapolis Blvd  
Glen Burnie, MD 21061  
301 761-1113

### MARINE CARE SPECIALISTS

15820 Redland Road  
Rockville, MD 20855  
330-0720

### MARYLAND TROPICALS

11229A New Hampshire Avenue  
Silver Spring, MD 20904  
593-1116

### MONTGOMERY TROPICALS

7845-G Airpark Road  
Gaithersburg, MD 20879  
670-0886

### PETLAND

13833 Outlet Drive  
Silver Spring, MD 20904  
762-3505

### PETLAND

5268 Nicholson Lane  
Kensington, MD 20895  
231-5216

### PET MART ROCKVILLE

2230 Veirs Mill Road  
Rockville, MD 20851  
762-3505

### RICK'S FISH & PET SUPPLY

1003J West Patrick Street  
Frederick, MD 21702  
301-694-9664 301-831-6866

### SHOWCASE AQUARIUM

11248-11250 Triangle Lane  
Wheaton, MD 20902  
942-6464

### TROPICAL FISH WORLD, INC.

16529 South Frederick Center  
Gaithersburg, MD 20877  
921-0000

### TROPICAL LAGOON

9439 Georgia Avenue  
Silver Spring, MD 20910  
585-6562



POTOMAC VALLEY AQUARIUM SOCIETY  
P.O. Box 6219, Shirlington Station  
Arlington, Virginia 22206-0219

THE SOCIETY WILL MEET ON THESE MONDAYS IN 1992:

13 JAN  
10 FEB  
9 MAR

13 APR  
11 MAY  
8 JUN

13 JUL  
10 AUG  
14 SEP

19 OCT  
9 NOV  
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!

