

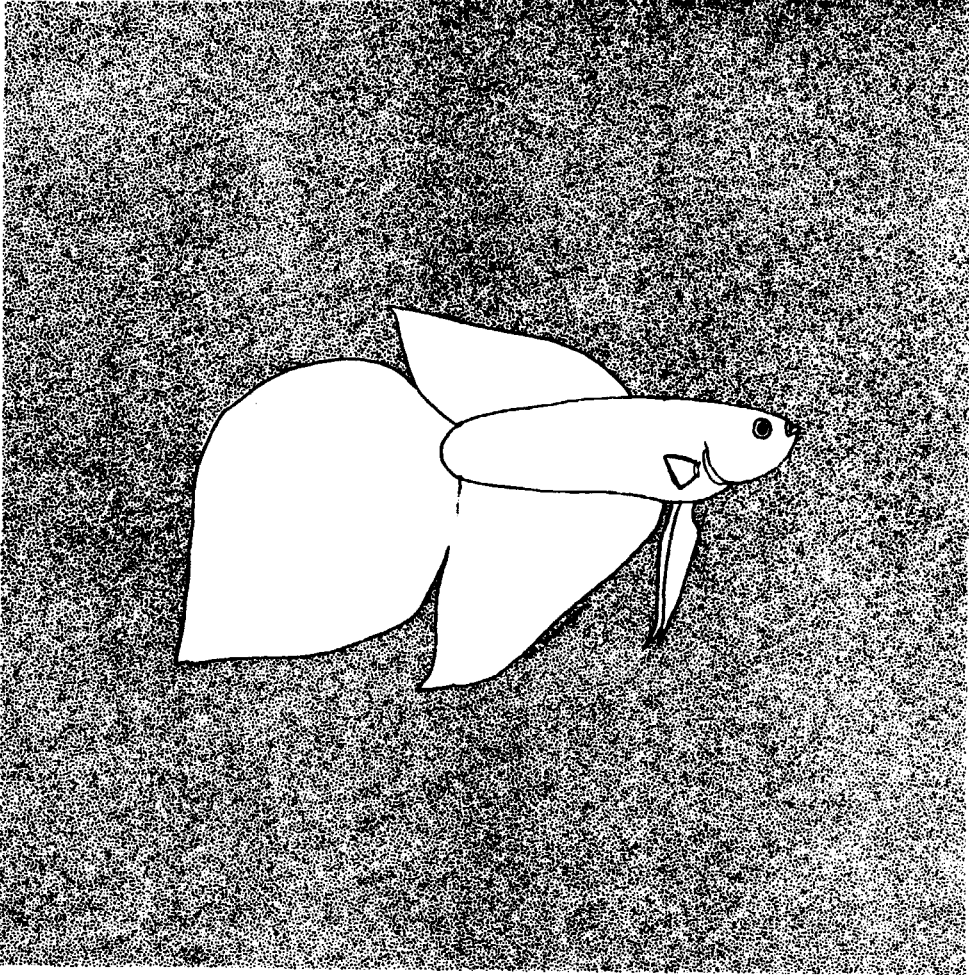
* DELTA TALE *

JULY 1982

OFFICIAL PUBLICATION OF

VOL. IV Issue 6 50¢

potomac valley aquarium society



P.V.A.S. SUMMER PICNIC ! ! ! AUGUST 1st GLENCARLYN PARK

POTOMAC VALLEY AQUARIUM SOCIETY



POST OFFICE BOX 6219 SHIRLINGTON STATION ARLINGTON, VIRGINIA 22206

Delta Tale is published for the benefit of the Potomac Valley Aquarium Society (formerly the Potomac Valley Guppy Club), 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: Secretary, P.V.A.S., P.O. Box 6219, Shirlington Station, Arlington, VA 22206. Original articles and drawings may be reprinted if credit is given the author and Delta Tale. Two copies of the publication in which the reprint appears should be sent to Delta Tale, which will forward one copy to the author/artist. All material for inclusion in Delta Tale should reach the editor no later than the first Saturday after the monthly Monday meetings. The Potomac Valley Aquarium Society and the Delta Tale disclaim any responsibility for content or availability of advertised merchandise or service in these pages. Customer satisfaction is a matter to be worked out exclusively between the advertisers and buyers.

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P.V.A.S. OFFICERS, 1982

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Treasurer :	Ruth Brewer 941-6692		

P.V.A.S. BOARD OF GOVERNORS, 1982

Kenny Warren, Nancy Griffin, Pete Tiejien, Jim Hajdics

P.V.A.S. COMMITTEE CHAIRMEN, 1982

Auctions :	Woody Griffin	Bowl Show :	Gerry & Kay Wagner
BAP :	Garry Hoffman	Programs :	Woody Griffin/ Darrell Holman
Library :	Darrell Holman	Ways/Means :	Jim Hajdics
Membership :	Jerry Stirman	Constitution :	Ruth Brewer
Spring Show:	Darrell Holman		
Ex-Officio Member of the Board :	Woody Griffin		

MEMBERS AND NON-MEMBERS HAVING QUESTION ABOUT FISH, AQUARIUM KEEP-
ING, AND BREEDING CAN CALL ONE OF THE OFFICERS LISTED ABOVE, WHO
WILL BE GLAD TO ASSIST YOU.

Printed by TOP CAT PRINTING, 164 Colburn Dr., Manassas Park, VA 22111

A NOTE FROM THE PRESIDENT

This will be a short note this month. The summer doldrums are upon us all and everything seems to have slowed to a snail's pace in keeping with the hot weather. It is also a time when your fish need more, not less, attention, as the excess heat does strange things to both fish and their environments.

The summer is also the time, obviously, when people go on vacation or feel, after a long, hot ride home from work, that the last thing they need or want to do is go out to a fish meeting. That's unfortunate, and we all feel like that on occasion, but it is something that makes it difficult for the PVAS to keep functioning. Without the support of the membership, there is no club. Enough said!

Please don't forget the picnic on 1 August. I hope to see you all there!


John E. Jessup PhD
President



June 10, 1982

The June meeting of the PVAS Board of Governors was held at Kenny Warren's home. Present were Ruth Brewer, John Jessup, Darrell Holman, Kenny & Sandy Warren, Jim Hajdics.

John Jessup opened the meeting at 8:16 p.m. Treasurers report given and approved. John Jessup expressed the board's thanks to Darrell Holman for his work as Show Chairman. The board also expressed it's appreciation for the work done by Jim Hajdics for the concessions and the judges luncheon.

A motion was made, seconded and approved to purchase a Rotron Air Compressor for future shows. Darrell Holman will contact Rotron for invoice and warranty information.

Darrell Holman requested the formation of a planning committee for next year's show, consisting of John Jessup, Pat Mahoney, Gerry Hoffman and himself.

Andy Malenki's resignation accepted as Corresponding Secretary. Jim Long approved as new Corresponding Secretary to fill remaining term.

A committee to establish tax exempt status for the club was named, members to be Ruth Brewer, John Jessup, Darrell Holman and Wayne Hilburn.

The 1982 Summer Picnic was decided to be held on August 1st at the Bon-Air Park in Arlington. The club will furnish ice and soft drinks with charcoal grills.

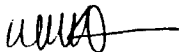
Plans for the 1982 Fall Banquet include the Mz T's restaurant on October 16th. Speakers discusses were David Herlong, B. Goldstein and John Brill.

The next board meeting will be held at Jim Hajdic's home, July 6th, a Tuesday.

The board expressed it's appreciation to Kenny Warren for volunteering his new, beautiful house for the meeting.

The meeting was adjourned at 10:12 p.m.

For the Secretary,



NOTE: The picnic location has been changed to Glencarlyn Park. 4111 South 4th St. Arlington, off S. Carlin Springs Rd. and Rt. 50 (Arlington Blvd).

POTOMAC VALLEY AQUARIUM SOCIETY

Treasurer's Report - 5/31/82

4/3/82	BANK BALANCE		\$2,007.94
	Plus Revenues:		
	Memberships	\$122.00	
	May Raffle	11.00	
	Donation - Stu Wheeler	10.00	
	Refund - Beltway Movers	11.60	
	Collection of bad check	47.25	
	Tee shirt sales	140.00	
	Show & Auction Revenues:		
	Spring Show fees paid	298.00	
	Spring Auction paid	1,477.50	
	Raffles	700.00	
	Cokes, snack bar, etc.	185.25	
	Auction tabs paid	<u>54.83</u>	2,715.58
			+3,057.43
	Less Expenses:		
	Dues - National Aquarium Soc.	15.00	
	Tee Shirts	617.50	
	Printing May Delta Tale	33.00	
	Show Expenses:		
	Postage & UPS	79.56	
	Phones	14.25	
	Supplies	29.59	
	Flyers & Posters	146.00	
	Door Prizes	151.71	
	Judges' Expenses	297.00	
	Trophies	390.00	
	Sellers' portion -		
	Auction	1,073.17	
	Lunch - Auction Crew	29.64	
	Advertising	<u>68.60</u>	2,279.52
			-2,945.02
5/31/82	BANK BALANCE		\$2,120.35

Accounts Recievable:
Show Fees \$ 30.50
Auction Tabs 218.00
248.50

1982 SPRING SHOW & AUCTION REPORT

RECEIPTS:		
Auction	\$1,995.50	
Show Fees	328.50	
Tank Raffle	463.00	
3/\$1 Raffle	237.00	
Misc: Cokes, Snack Bar, etc.	<u>185.25</u>	\$3,209.25

EXPENSES:		
Tank Raffle prize	180.80	
3/\$1 Raffle prizes	151.71	
Raffle Tickets	42.64	
Ribbons & Trophies	384.38	
Posters & Flyers	146.00	
Advertising	68.60	
Judges' Expenses	297.00	
Postage & Phones	131.41	
Supplies & Food	145.02	
Sellers' Portion of Receipts	<u>1,319.32</u>	<u>2,866.88</u>

\$ 342.37

An Editorial--

Just in Virginia, of the 197 native freshwater species, 3 are considered Endangered, 6 Threatened and 25 are so restricted in distribution or rare that they are listed as of Special Concern.

In addition, one is completely Extinct, 4 are believed to be Extirpated (gone from known habitats). 7 species are now considered Rare in Virginia. The causes of environmental stress on these fish seems to be dredging, thermal pollution, chemical pollution including oil spills and spraying of insecticides, alteration of marshes to drier habitats and overfishing of commercially important species, and introduction of non-native species. Many populations are existing in marginal habitat conditions, are barely surviving, and that only a slight decline in stream quality could cause their destruction.

Meanwhile, soil erosion from development and poor agricultural practices are destroying stream habitats of many native species, through siltation and turbidity.

And this is just in one state, Virginia. The same problem exists in Maryland and Delaware (99 native species), West Virginia (151), and North Carolina (195).

we, as hobbyists and members of the organized segment of 20 million fish enthusiasts, should be concerned with the loss of species in our own back yard. As well as the extinction of all animals and plants at the rate of one a day, world-wide.

What can we, as aquarium hobbyists do?

Just what we do now--we collect fish, we prepare optimum environments, we study behavior and we breed and raise fry. we perpetuate species in our homes.

Could we, in conjunction with Universities, Institutions and government agencies, do the same with endangered, threatened or rare species of native fish? Would the advanced hobbyists and breeders accept the responsibility to study and propagate endangered, threatened or rare species?

Of the three endangered species in Virginia, little is known about the spawning habits of two fish, the Spottfin Chub, and the Sharphead Darter. The third, the Shortnose Sturgeon, may require fish culture (artificial fertilization and transplantation of eggs). Aquarium Societies, by cooperating with the Center for Environmental Studies of Virginia, Polytechnic Institute and State University, among others, could provide the study and propagation of these species.

My first question to you, as aquarium hobbyists, is; Could we, would we and should we become involved in the protection of endangered species? My second question is; If not us--then who else?

--wayne Hilburn, F.V.A.S.

REVIEWS, REPRINTS & MENTIONS

Reviews

Link Topics, Greater Akron Aquarium Society, Oct 1981. "A Primer on Photography, Part II & III" June & July 1981

Link Topics, G.A.A.S., April 1982. "Spawning The Whiptail Cat" by Woody Griffin.

The Nektan, Saskatoon Aquarium Society (Can), Feb 1982, "Not-So-Bad Badis Badis" by Kay & Jerry Wagner, Nov 81. Charlie Grimes, October 81. John Jessup, BAP, "My Debt to Pierre" Janice Ross reprint.

The Youngstown Aquarist, Feb 1982. "Apistogramma Ramirizi" by Gerry Hoffman.

All Cichlids, Michigan Cichlid Association, Dec-Jan 1982. "Spawning the Red Devil - Are They Really Supposed To Be Red?" and "Spawning the Lamprologus Tetracanthus" by John Jessup.

All Cichlids, M.C.A. Sep 81. "Geophagus Brasiliensis" by Vince Edmondson.

Tropiquarium, Motor City Aquarium Society, April 1982. "The Not-So-Bad Badis Badis" and "Spawning and Raising the Common Angelfish" by Kay and Jerry Wagner. "Apistogramma Ramirizi" by Gerry Hoffman. "Spawning The Whiptail Cat" by Woody Griffin. "Paradise, If Ever" by John Jessup. "Apistogramma Ramirizi" by the Wagners, Feb 1982 Delta Tale.

Reporter, North Jersey Aquarium Society, Feb 82. "Spawning and Raising The Common Angelfish", Kay and Jerry Wagner. "Spawning The Whiptail Cat" by Woody Griffin, and "Apistogramma Ramirizi" by Gerry Hoffman.

Fish 'n Fun, Tri-City Aquarium Society, Jul-Aug 81. "Ancistrus lineolatus (bristle Catfish)" by Vince Edmondson.

Reprints

Link Topics G.A.A.S. March 1982. "National Aquarium, Washington, D.C." by Wayne Hilburn.

Link Tales, Aquarium Club of Lancaster County, Jan 1982. "Define Exasperation" by John Jessup.

The Aquatic Net, Central Illinois Aquarium Society, Jan 1982. "A Rewarding Experience" by Woody Griffin.

Reporter, N.J.A.S. Feb. 1982. "Life Cycle of The Eel (Anguilla rostrata)" by John Mangan.

Reporter, N.J.A.S., Feb 1982. "Ancistrus Lineolatus" by Vince Edmondson.

Fish 'n Fun, T.C.A.S., Jul-Aug 1981. "Spawning The Black Tetra" by Gerry Hoffman.

Cichlid Chatter, Greater Chicago Cichlid Assoc. Dec 1981.

"Spawning The Lamprologus Tetracanthus" by John Jessup.

"Spawning Pelvicachromis Pulcher" by Tom Wright. "Urethane Foam" by Howard Dvoskin, reprint of a Delta Tale reprint from Fish Net October 1978.

Cichlid Chatter, G.C.C.A., Jan 1982. "Spawning Synadontis Davidi" by Darrell Holman.

Net-Work, Greater City Aquarium Society (NY) December 1981. "Breeding Pelvicachromis Pulcher" by Vince Edmondson.

Mentions

Fish Tales, Tri-County Tropical Fish Society, March 1982.
"A Rewarding Experience" by Woody Griffin.

Paradise Press, Long Island Aquarium Society, Jan-Feb 1982.
Vince & Barbara Edmondson's visit.

Reporter, N.J.A.S. Woody Griffin, Pat Mahoney, Vince & Barbara Edmondson and Gene Aldridge, visitors to N.J.A.S. Workshop.
John Jessup and Darrell Holman also mentioned.

Reporter, N.J.A.S. Oct 1981. Chuck and Mike Sheridan going to PVAS banquet and auction.

Reporter, N.J.A.S., Nov 1981. Mentioned Chuck Davis at PVAS banquet. Visited Pat & Maggi Mahoney, Ken Fisher, Woody & Nancy Griffin; Gene Aldridge and Vince and Barbara Edmondson.

Tropical Topics, Indianapolis Aquarium Society. Visit to PVAS by Charlie Grimes, Vern Parish and Steve Somermeyer. October Banquet hosts Pat and Maggi Mahoney.

FOR SALE!!!!

75 gal tank, salt water set-up.
cinderblock stand, 75 lbs Dolomite, undergravel filter,
Dynoflow 150, small Supreme heater, 2 air pumps, light.
\$250 or best offer - Ruth Prendergast, 1929 Rockingham St.
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also has;

Albino Cockatiel, First-Flight cage, water bottle, 4 feeding cups, food, named Woodstock, female, lays eggs, very healthy, quiet. \$125.00

2 used Condé air compressors. One needs new motor. Contact Bill Mangan, (Pets-N-Things) 573-4400

1 used Condé air Compressor. PVAS owned and used at shows. Contact Darrell Holman at meeting or call (703) 533-7750.

FAIRFAX COUNTY WATER AUTHORITY

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1982

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ENGINEER-DIRECTOR
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ASSISTANT ENGINEER-DIRECTOR

TELEPHONE
703-698-8600

Notice to Tropical Fish Owners

Tropical fish owners whose water supply is furnished by the Fairfax County Water Authority may find the dechlorinating process which they have been using when they change the water in their fish tanks may not remove all of the chlorine in the water because of modifications in water purification process which have been made to comply with Federal drinking water standards.

This new treatment process reduces the amount of free chlorine in the water, but makes the resulting combined chlorine more difficult to neutralize with normal dosages of a dechlorination agent.

It is recommended that owners increase the dechlorination agent dosages several times the conventional amount, and use a chlorine test kit (which can be purchased from a swimming pool supply house) to determine when the water is free of chlorine. Since levels of chlorine in the water supply fluctuate during the year, owners should make sure they have neutralized all chlorine each time they clean the aquariums before fish are returned to the aquariums.

Apistogramma kleei

by Gerry Hoffman

There is probably no more impressive sight than the male dwarf cichlid Apistogramma kleei in display for his mate. As one of the larger apistos(almost four inches), the male has a magnificent dorsal fin that when fully extended, reveals rays that stand straight up with brightly colored membranes between each spike. The lyre-shaped tail is enhanced by three to four wine colored bands, and the reddish brown scales along the body flank are spectacular when viewed with the aid of a flashlight. When fully extended, his finnage nearly doubles his body size, and the normally slightly smaller female appears dwarfed by comparison.

The female, too, became beautiful during courtship but in a different way. Spawning females become a golden yellow with fins edged in black. They also become mean. A female defending her eggs will drive even the larger male into a corner where he must hide or be battered. Size makes no difference at this point.

I like to think of my "kleei tank" as a natural set up. It is a 20 gallon long and has been in continuous operation for over two years. About ten months before spawning I let the kleei have the whole tank to themselves and disconnected the corner box filter. "Horrors!" you might say, but two fish in a very well planted tank are no problem. They don't get overhead and the balance is just right. Water changes get done infrequently, water being added only occasionally since little is lost due to a thick floating plant cover and glass top. I let nature do its thing and both plants and fish are thriving. There is also driftwood in the set up, rocks and a few flower pots for caves.

Unfortunately, most of the spawning is done under rocks or under the driftwood, which results in a little more work when trying to remove the eggs. If they would only choose a small clay flower pot, they are easier to remove. Oh yes, they spawn very frequently, at least once a month. One day the little lady is gray-brown and the next day you can't find her for a while. When she reappears, her colors are now yellow and you know she has a spawn of eggs hiding somewhere among the rocks. A little observation will help and soon she slinks back into her hiding place to guard the eggs.

As far as dwarf cichlids go, the kleei is considered a difficult fish to breed. Often water conditions must be just right, soft and neutral or slightly acid, and the spawns have been noted to vary in their fertility rate. Worse of all, the female usually eats the eggs before 24 hours go by. So it is with the utmost speed that you must find and remove the eggs for artificial incubation. I have missed many spawns or let them go a few hours too long and found nothing when I was ready to remove the eggs. Let me illustrate my luck: I had removed the tank cover and was about to remove a large (about 75 in number) spawn from under the driftwood when I was called to the phone. (It was none other than the club pres., Woody.) About 20 minutes later I returned to the tank and discovered all of the eggs were gone. It doesn't even pay to talk fish and brag about your new spawns when a fish this touchy is guarding eggs. I am convinced that Woody and this female had it planned just to give me hard times.

After removing a spawn, I always add a drop or two of acriflavine to the hatching container to control fungus. In the past I have lost a whole bunch of developing eggs because one or two bad eggs spread fungus to everyone. The results are much better with it. After hatching, another five or six days is spent developing and living off their own body nourishment. At free swimming either baby brine or rotifers will be the best first foods. Apistos will take flake foods as adults, but even then do so very slowly and don't eat a lot. By far, live foods are much more eagerly accepted.

As the fry develop, often times you find the ratio of males to females skewed one way or the other, which is thought to be linked to water chemistry (pH in particular). I don't know how this current batch will turn out, but with so many people asking me for this fish I hope it is close to 50-50. Currently, this is a rarely found fish in our area. It will stay scarce too, since it not often bred in captivity. I would say it is not a beginners fish, but just looking at any photo of Apistogramma kleei would make anyone just a little bit eager to have this fish in their home.

JULY BOWL SHOW

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Cyprichromis nigripinnis

by Art Lembke

Cyprichromis nigripinnis was previously classified under Limnochromis but because of it being a mouth breeder it was reclassified into the Cyprichromis along with the microlepodotus species. Not many of these fish have come into the country and they are hard to find.

The species is a mid-water swimmer and a mid-water spawner as well which makes them very interesting. The only spawns I have heard of have occurred with the fish kept in schools of several fish. Cyp. nigripinnis has a long slender body like Lamprologus leleupi and have a very small throat. For this reason, spawns tend to be low in number.

Sexing of this fish is very simple. Females tend to be slightly smaller and have a bright yellow anal fin. The males are larger with a brown anal fin. Large males tend to be around five inches and the females smaller.

If kept as a pair, the fish tend not to spawn and they should be kept in a school. I have four males and four females and I keep mine with a colony of Tropheus moori in a 125 gallon tank. They spawn in the middle of the tank rather than on the bottom. They, however, still spawn in a typical cichlid fashion in a circle with extended fins, but as the eggs fall from the female she catches them before they hit bottom. Preparing the fish for spawning requires the use of live foods. Mine received black worms every other day and Hagen flakes the rest of the time. The tank was kept at a pH of 8.4 and 80° F. I also add 1½ teaspoons of salt per gallon of water.

I made several attempts at spawning these fish over an eight month period. The first spawn resulted in an egg being lodged in the female's throat causing death; illustrating the small size of the throat and the large size of the eggs. The second time one of the females spawned, I thought I would remove the fry early so the female would be safe. However, the attempt at milking the eggs from the delicate females caused the female to die within 24 hours and the fry did not last much longer. The third spawn I decided to leave the female alone and luckily after four weeks the female released six fry. The fry were 3/4 inch long and once released could not manage to all fit back into the female's mouth at any one time. Before release, the female was noted to have a large bulge in her mouth and throat area and I had hopes of numerous fry, but this swelling turned out to be due to size rather than numbers. I fed the fry baby brine shrimp and powdered TetraMin. Despite the fact that the fry start out large, they grow very slowly and after 60 days they were only one inch long.

This fish is very interesting and challenging to spawn if they can be found for sale. I am currently attempting to spawn another mid-water swimmer that is even more difficult to spawn, Cyprichromis microlepodotus.

DRAFT #1NOTE:

This draft and cover letter are being sent to a select number of hobbyists for their information, possible participation as part of the formation committee and valued input. This letter and draft do not in any way represent the policy or decisions of the Federation of American Aquarium Societies nor any of the FAAS BOD Members. It is simply an idea which is being presented for feasibility study purposes before attempting implimentation. A list of addresses is attached to this document.

OBJECTIVES

1. To ensure the survival, proliferation and availability to the hobby of species determined to be threatened with extinction or which, for any other reason, may be lost to the hobby.
2. To provide a permanent record and information bank for each of these species.
3. To conduct studies into hobby species in order to determine the status of species which may appear to be threatened by loss within the hobby.
4. To enhance the Species Maintenance Programs presently in place within the organized hobby.
5. To enhance the Breeder's Award and Aquatic Horticulturalist Programs already in place within the organized hobby.
6. To improve the quality of species and varieties of species determined to be in danger of being lost to the hobby.
7. To arrange contacts between participants in this program in order that these participants might exchange ideas, information and living specimens.
8. To provide a mechanism which recognizes the **accomplishments** of hobbyist participants.

PARTICIPANTS

1. Participation shall be limited to hobbyists who are members in good standing with an aquarium society or organization which is a member in good standing with:
 - a) Federation of American Aquarium Societies
 - b) Canadian Association of Aquarium Clubs

RESPONSIBILITY1. FAAS

- a) To operate the NASPP under the authority of a Standing Committee, the organization of which is to be determined by the FAAS BOD.
- b) Funding of the NASPP.
- c) Enforcing the rules and guidelines of the NASPP.
- d) Maintenance of all records and files related to the NASPP.
- e) Maintaining a close liason with CAOAC in order to ensure the continent-wide involvement of the NASPP.

2. CAOAC

- a) To maintain a close liason with FAAS in order to ensure the continent-wide involvement of the NASPP.
- b) Ensuring that all CAOAC club, non-FAAS member club member participants abide by the rules and guidelines of the NASPP.
- c) Promotion of the NASPP within the CAOAC Communications network.

3. PARTICIPANTS (HOBBYISTS)

- a) Must agree to abide by the rules and guidelines of the NASPP.
- b) Must provide complete information required in order to participate in the NASPP and must provide any changes in this information to the CAOAC Liason or NASPP Committee on a timely basis.
- c) Must agree to communicate and to exchange specimens with other NASPP participants. Failure to do so shall result in the participants ineligibility to continue as a NASPP participant.
- d) Must agree to accept full responsibility for all exchanges of live specimens and to the accuracy of all information provided to other participants in the NASPP.
- e) Must agree to provide the NASPP Committee with reports of spawnings, propagations and other pertinent information related to those species registered with the NASPP committee.

4. MEMBER SOCIETIES

- a) Must agree to act as watchdogs over the local members involvement. This to include:
 - i) Ensuring the NASPP Committee is advised of a member in good standing who changes status.
 - ii) Ensuring that the local participant does actively participate as indicated to the NASPP Committee at the time of initial registration and according to all further changes and/or alteration to the member's initial plan.
- b) Must agree to promote the NASPP within the local membership.
- c) Must agree to collect all information related to the NASPP once each month and to forward this information to the NASPP Committee Chairperson. This regular mailing of information to include all changes related to their local member participants. CAOAC non-FAAS member clubs to aid or pass this information to the CAOAC Liason Committee who shall forward this information to the NASPP Committee Chairperson.
- d) Must agree to incorporate the objectives of the NASPP in the local BAP and AHAP, if one is operated, and whenever this proves workable.

REGISTRATION

1. FAAS MEMBERS

- a) The local member shall complete the required forms in full detail and the member society delegate (FAAS Delegate) shall forward this information to the NASPP Committee Chairperson.

2. CAOAC MEMBERS

- a) Members of CAOAC member clubs shall complete the required forms in full detail and shall forward this information to the CAOAC Liason Committee who shall then forward this material, in bulk, to the NASPP Committee Chairperson.

3. GENERAL

- a) Local societies (FAAS Delegates) are encouraged to keep a current file on all their member participants in the NASPP.
- b) Species requested to be registered shall be considered, approved or denied eligibility by the NASPP Committee.
- c) A registration fee of \$1.00 per species registered shall be levied upon all participants at the time of registration. This registration fee to accompany all applications for registration. If a species is not found to be ineligible the registration fee shall be refunded.
- d) Species must be registered in order for the participant to receive benefits of the NASPP.
- e) A registered participant may obtain information from the NASPP Committee records as well as the names and addresses of requested contacts by mailing a self addressed, stamped envelope to the NASPP Committee Chairperson and by fulfilling any other obligations as may be deemed necessary by the committee.

REWARDS AND BENEFITS

1. Ready access to NASPP files and records.
2. Ability to obtain registered species through individual arrangements made between agreeable participants of the NASPP.
3. Automatic registration and eligibility for awards under the guidelines of the FAAS BAP and/or AHAP with successful spawnings/propagations registered according to the rules of these programs and with the NASPP.
4. Verification of participation certificates annually on the participants anniversary of participation.
5. Proliferation certificates for ten successful spawnings/propagations of a species registered with the NASPP.
6. Participation certificates for distributing a registered species to five, 10, 20, 50 other NASPP participants who are not members of the participants local society.
7. Other awards, the nature of which to be determined by the FAAS BOD on the request of the NASPP Committee Chairperson for participation of the nature or degree, or for accomplishments deserving of this honor.

REQUIRED POSITIONS

1. NASPP Committee Chairperson
2. NASPP Records and Information Officer
3. NASPP Research and Study Officer
4. CAOAC/FAAS/NASPP Liason Officer

FAAS COMMITTEES - INVOLVEMENT

1. Public Relations Committee
2. Editor
3. FAAS BAP Committee
4. FAAS AHAP Committee
5. Treasurer

FUNDING & ACCOUNTABILITY

1. The NASPP Committee Chairperson shall keep accurate records of all registration fees collected and shall turn them over to the FAAS Treasurer once each month.
2. Automatically recoverable items shall include:
 - a) Copying
 - b) Postage
 - c) Certificates
3. Items not contained in 2. above shall be cost recoverable through normal FAAS channels.
4. Expenditures incurred as a result of NASPP activities shall be itemized and forwarded with a request for recovery.

BAP/AHAP INVOLVEMENT

1. The FAAS BAP/AHAP Committees shall be advised of all details of participants in the NASPP which shall result in registration with these two committees.
2. The NASPP Committee Chairperson shall advise the BAP/AHAP committee chairpersons of all successful reported spawns registered by NASPP participants which shall result in awards being presented to participants according to the rules and guidelines of these two committees.

GENERAL

1. Participants are encouraged to distribute their registered species as widely as possible.
2. National recognition shall be encouraged at every possible opportunity for the NASPP and the participants achievements.
3. Existing species maintenance programs of the National Specialty Groups shall be incorporated into the NASPP records and files if so requested and if agreeable to all parties concerned.
4. Attempts shall be made to involve as many participants and societies or organizations as possible.
5. Close liason shall be maintained with all National Specialty Groups by the NASPP Committee Chairman
6. Copy costs of material requested by participants and which is on file with the NASPP shall be charged at the discretion of the NASPP Committee Chairperson.

ADDRESSEES

ALL FAAS BOD & Committees

Dorothy Reimer (CAOAC)
Bob Ross (CAOAC)
Brian Mann (MHAS)
Bob Clark (SAAC)

Herman McKeel (IPA)
Scott Slocombe (VAS)
Vern Parrish (IAS)
Lyle Marshall (SWMAS)

BAP REPORT

<u>NAME</u>	<u>POINTS</u> (through June 20.1982)
Gerry Hoffman	625****
Woody Griffin	525****
Garland Neese	680***
Pat&Maggi Mahoney	575***
Darrell Holman	480***
John Jessup	465***
Vince Edmondson	330***
Ruth Brewer	305***
Jim Hajdics	190**
Art Lembke	165**
Wagner Family	165**
Kenny Warren	90 *
Gene Aldridge	80*
Thompson Family	55*
Tom Wright	80*
Amy Stirman	40
Ken Fisher	30
Leslie Stirman	10

Recent Points Awarded:

Pat&Maggi Mahoney	Ilyodon xantusi	10
John Jessup	Heterandria bimaculata	10
	Poecilia latipunctata	10



**POTOMAC VALLEY AQUARIUM SOCIETY
PO BOX 6219, SHIRLINGTON STATION
ARLINGTON, VIRGINIA 22206**

Date _____ 19 _____

APPLICATION FOR MEMBERSHIP

NAME _____

STREET _____

CITY _____ STATE _____

PHONE _____ ZIP CODE _____

Number of tanks _____

Type of fish _____

Time in hobby _____

Fish you have spawned _____

What you would like
to do in this Club? _____

Which sub-group interests
you? (guppy, cichlid, other) _____

How long do you plan to be in this area? _____

Occupation _____

Membership dues for the Potomac Valley Aquarium Society are:

Family \$10.00
Individual \$ 7.00

Corresponding \$5.00
Junior \$3.00
(under 18)

Completed applications accompanied by your check or money order should
be mailed to P.V.A.S., P.O. Box 6219, Arlington, Virginia 22206.

Please attend our meetings at the Cocoa-Cola Bottling Plant, 5401
Seminary Road, Alexandria, Virginia at 8:00 P.M.

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

FIRST CLASS MAIL

1982 MEETING DATES:

JAN. 11	APRIL 12	JULY 12 ★	OCT. 11
FEB. 8	MAY 17	AUG. 9	NOV. 15
MAR. 8	JUNE 14	SEPT. 13	DEC. 12

The May 17, 1982 meeting will be held at the Westover Baptist Church, intersection of North Washington Boulevard and Patrick Henry Drive, in Arlington, VA.

Meetings start at 8 p.m. Doors open 7:30 p.m. Bowl Show registration, 7:45 p.m. to 8 p.m.