

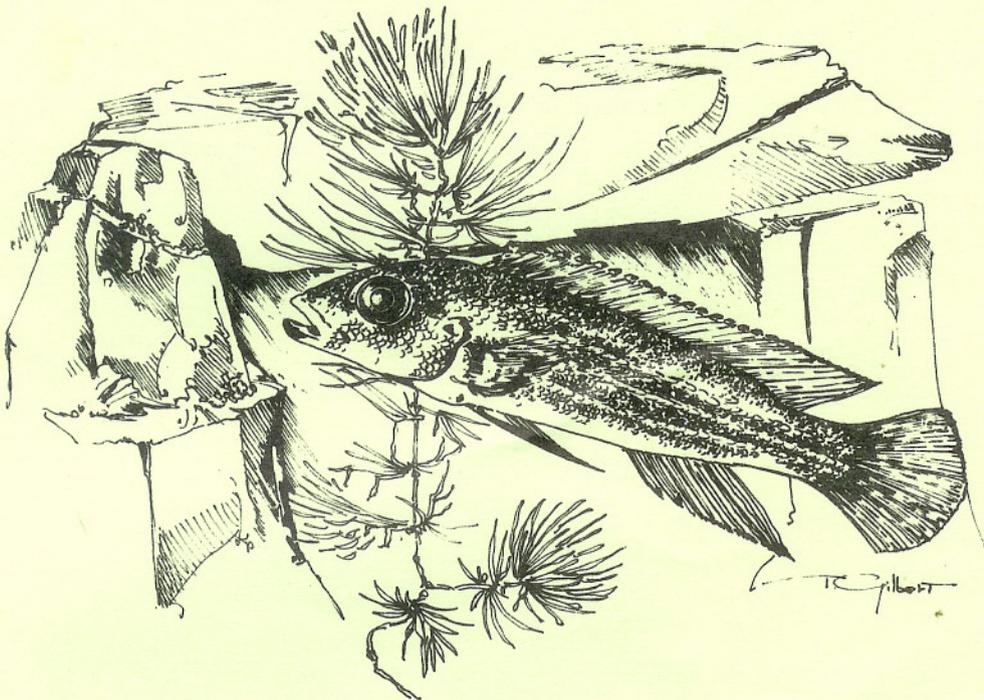
* DELTA TALE *

OCT., 1979

VOLUME 10, ISSUE 10

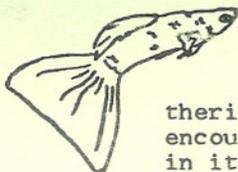
OFFICIAL PUBLICATION OF

potomac valley aquarium society



This month:

Banquet & Auction



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 disseminating 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 materials for inclusion in the DELTA TALE should reach the editor no later than the first Saturday after the monthly Monday meeting.

EDITOR: M.E.Mahoney

P.V.A.S. OFFICERS FOR 1979

President:	Pat Mahoney 534-0006	Corresponding Sec.	Tom Wright 345-9411
Vice President:	Woody Griffin 949-1290	Recording Sec.	Dana S. Best 548-1868
Treasurer:	Gene Aldridge 931-7426		

1979 BOARD OF GOVERNORS

Bill Trout, Maggi Mahoney, Joe Paull, Mark Lenzen

COMMITTEE HEADS

Auctions- John Jessup	Monthly Bowl Shows- Mark Lenze
Breeders Award Prog.- Joe Paull	Programs-Ruth Brewer
Library- Woody Griffin	Ways & Means-Kenney Warren
Membership-Nancy Reynolds	

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MINUTES OF THE BOARD OF GOVERNORS

The September meeting of the PVAS Board of Governors met at Kenny Warren's home on September 6, 1979. The meeting opened at 8:12 p.m. with Nancy Reynolds, Woody Griffin, Pat and Maggi Mahoney, Gene Aldridge, Ruth Brewer, Kenny Warren, Bill Trout, Heinz and Mark Lenzen, John Jessup and Bev Fazil present.

The treasury balance is \$1,067.97 with all known bills paid.

Rosario LaCorte will be our speaker for the October banquet on Friday, October 19. He will speak on his recent collecting trip to Brazil and Venezuela. Maggi and Pat will pick him up at the airport and provide accomadations for him during his visit.

The cash cocktail hour will be held between 6:30 and 7:30 p.m., in a room outside of the banquet room at the Mt. Vernon Inn. The Inn requires a \$50 deposit which will be made this coming week. The cost per person for the banquet will be ten dollars. The treasury is subsidizing the cost of the banquet to bring it down to a reasonable cost.

There will be a fifty-five gallon tank raffled off at the Sunday auction. John Jessup will be the auction chairman this year.

The nominating committee will have met and have results for the next board meeting, which will be at Nancy Reynold's home.

The meeting adjourned at 9:04 p.m.

Respectfully submitted,

Dana Skibbie Best
Recording Secretary



ELECTION OF OFFICERS, BOARD OF GOVERNORS AT
THE NOVEMBER OPEN MEETING

This year's nominating committee has come up with the following slate. Be sure to be at the November open meeting so that you can cast your vote. Nominations will be open from the floor on that night. Anyone nominated from the floor must be present to accept or reject the nomination.

SLATE FOR 1980 OFFICERS, BOARD MEMBERS:

President:	Woody Griffin
Vice President :	Pete Tietjen
Recording Secretary:	Maggi Mahoney
Corresponding Secretary:	Ken Reece
Treasurer:	Gene Aldridge
Board Members (2):	Dana Best
	Ed Smith

Board members elected last year, continuing on: Joe Paull, Maggi Mahoney. (If M. Mahoney is elected recording secretary, that will leave a board place open, which may be filled by the elected president and the board of 1980.)

NOVEMBER SUPER BOWL SHOW CATEGORIES

Since we do not have a bowl show in December, we have always made November a 'double point' month. Last year it was urged that we 'expand' the categories to give everyone a fair chance at double points. We have - and here they are:

CICHLIDS

I - Mbuna
II - All other African
III - Angels & Discus
IV - South/Central American
V - All dwarfs (Under 4 inches)
VI - Open

EGGLAYER/LIVEBEARERS

I - All Livebearers
II - Characins & Killies
III - Anabantoids
IV - Catfish
V - Sharks & Loaches
VI - Open

1st Place - 10 Points
2nd Place - 6 Points
3rd Place - 2 Points

(One point will be given for each fish entered up to a maximum of 5 points.)

KNOW YOUR BARBS

Craig Klingenberg, The Aquarian,
Tacoma Aquarium Soc., March, 1978

Checkerboard Barb, *Capoeta oligolepis*. The beautiful black bordered orange dorsal fin of the checkerboard barb identifies him immediately since no other known barb is even slightly similar. The scientific name of this fish is *Capoeta oligolepis*, which means having few scales.

This peaceful and active fish is native to Sumatra. It is one of the smaller barbs and barely reaches the length of 2 inches when fully grown. Only the male has the brilliant orange black bordered dorsal fin. The female can also be distinguished by a fuller outline. The checkerboard barb has an olive green colored back. There are two horizontal rows of alternating black and light scales. Each light scale is topped by a dark scale, giving it a checkerboard pattern. An iridescent purple shows at the base of the caudal fin and ventral and anal fins are also edged in black. At breeding time the orange in the dorsal of the male is intensified and he becomes suffused with black and his scales sparkle of blue and green. This species has a small pair of barbels.

These fish are easily spawned. They were the first barb I bred. Mine spawned in a five gallon tank. The male chases the female into thickets of plants where they embrace. The male wraps his dorsal and caudal fin around her in a manner similar to the Gouramis, only they do not turn upside down. It is then that her eggs are released and fertilized. The eggs are adhesive and stick to the plants. During this spawning period about 200 eggs are laid. It has been found that where several females are ripe at the same time, they may breed together with an equal or greater number of males. The young will hatch in about 60 hours at the temperature of 80 degrees. They are very small and translucent and may hang to the sides of the glass for a day or two, like slivers. They require the finest sizes of food. I fed mine with liquid fry food for the first two weeks, but green water would also be good. Later I fed them on microworms and newly hatched brine shrimp. They seemed to have a rather long type of finnage when young but as they grow older their body grows to the size of their finnage.

This peaceful little fish can be an added attraction to your tank. The large shining scales and attractive colors of this perky little barb make it an attractive addition to any collection. It is colorful, peaceful, easily bred and small enough that it would not need a large tank. So with all these advantages in mind, why not buy some "checkers" -- Barbs that is!

POTOMAC VALLEY AQUARIUM SOCIETY
1979 ANNUAL FALL BANQUET
FRIDAY, OCTOBER 19

THE MOUNT VERNON INN, MOUNT VERNON, VIRGINIA
(At the end of The George Washington Parkway)

Register for door prize as you come in.

Cash cocktail hour--6:30-7:30 p.m.

Dinner promptly at 7:30 p.m. (See reservation blank below)

Anyone interested in the hobby is invited to attend. Seating is limited to fifty, so reservations will be accepted on a first received basis. Don't miss out by waiting too long.

Our guest speaker this year is the internationally famed author, collector, explorer, and breeder, Mr. Rosario LaCorte of Elizabeth, New Jersey. Rosario will be speaking to us on his most recent collecting trip to Brazil and Venezuela.

One of the leading technicians in the breeding of aquarium fishes in the United States, Rosario has made many trips to South America under the auspices of the National Geographic Society. The man who brought the Blue Tetra to the hobby, Rosario has had two fishes named for him.

Rosario is a member of the American Killifish Association and has spoken to regional and national conventions. He was among the principal speakers at the 1979 American Cichlid Association convention in New Jersey this past July.

1979 PVAS BANQUET RESERVATIONS

Enclosed is \$ _____ for _____ person(s) at \$10.00 each.

Name: _____ Street Address: _____

City: _____ Zip Code: _____

Sea Food Buffet, with Bar-B-Q ribs or chicken for non-seafood eaters.

There is a tremendous salad bar and bread--and its ALL YOU CAN EAT!

Return reservation, completely filled out, with check or money order no later than Monday, October 15 to: PVAS, c/o The Mahoneys
3011 Aspen Lane
Falls Church, VA 22042

POTOMAC VALLEY AQUARIUM SOCIETY
1979 Fall Auction
Sunday, October 21, 1979

Coca-Cola Hospitality Room
5401 Seminary Road
Baileys Crossroads, VA
(map on back page)

Rules of Registration for Sellers:

1. 15 bag or item limit per person--fish, plants, or hobby related items. Anyone may sell--not just PVAS members.
2. Registration will commence at 10:00 a.m. and will terminate promptly at 1:00 p.m.
3. Auction will start immediately after registration closes.
4. Each item may be assigned a minimum bid. If none is assigned, it will automatically have a \$1.00 minimum.
5. Bags will be offered as is. Contents may not be split into two or more transactions.
6. No payment will be made to sellers on the day of the auction. Payment will be mailed within ten (10) days.
7. 75% of the selling price goes to the seller, 25% to PVAS.

Rules of Bidding:

1. All persons wishing to participate shall sign in with their name (and address if not a PVAS member) and receive a bidding card, whose use will be explained before the auction begins.
2. Bags may be inspected before the auction begins.
3. All bidding raises will be in minimum increments of 25¢ up to \$5.00. After that, minimum raises must be 50¢.
4. Successful bidders will have their items brought to them, at which time they must pay for them.
5. In all instances the decision of the auctioneer is final.
6. All persons, except auction officials, will remain seated during the auction.

There will be occasional breaks for drawing raffle prizes and/or relaxing, getting soft drinks, etc.

BREEDING THE APHYOSEMION BIVATTATUM KUMBA
by Harry W. Faustmann

Of the numerous top spawning killifishes available through various Killi clubs, my experiences with the *Aphyosemion bivattatum* Kumba prompt me to recommend this species as a choice for one who intends to breed large quantities of killies. This smaller group of non-annual top spawners has many variations and much scientific work is still being done to determine their real place as sub-species in the *bivattatum* group. The Kumba, in my opinion, ranks amongst the most colorful of the smaller Biv's, and does display its unique finnage during nuptial encounters.

Although this species may not exceed more than two inches in the aquarium, it does prove to be an active, colorful and productive contributor to avid killikeepers. I've kept this species through three generations now, and am breeding the grandson to the grandmother to produce nine eggs a day, which may not seem like much to some, but a healthy female killifish will lay eggs everyday until it dies of old age or is killed. Spent females are sometimes the victims of over zealous males. The breeding of Kumba is identical to the other top spawning non-annuals of the *Aphyosemions*.

A small tank, a floating mop, little or no aeration, a temperature of about 72°F, clean water and live foods will ensure positive results at attempts to breed this species. Eggs can be picked off the mop "roots" using one's fingers and the eggs placed in a container of the same tank water as the breeders are in. One or two drops of a fungicide such as Acriflavin prevents a fungus from spreading from any unfertilized eggs to the adjoining healthy developing eggs. With this species, the eggs will develop and hatch within 14 days. A forcing of a hatch can be accomplished by adding a small amount of Microworms to the container of eggs. Within a few hours of doing so, one can observe the fry freeing themselves of their egg shells and venturing forth about their container.

The *Aphyosemion bivattatum* Kumba fry are quite small, but will grow quickly when fed Microworms, Infusoria, and after a few weeks, Brine Shrimp *napuli*. They become sexually mature after about three months time and should be separated according to sizes to enable maximum growth for all. This fish will live for at least one and a half years, but not usually longer than two.

Although not to be considered as a beginners fish, this species is not that difficult to work with and is recommended for killi-keepers wishing to try a colorful *bivattatum*.

Reprinted from Pisces Press, April, 1978 - Nassau County
Aquarium Society.

AQUARIUM PLANTS

by Bruce M. Bier, Fisces Press,
April 1978, Nassau County Aquarium Soc.

One of the worst pests to have in ones aquarium is the snail. Snails are usually introduced into the aquarium when you purchase live plants. I will try, today, in this article to tell you how you can get rid of the "little buggers".

First of all there are several methods. The one which I use is the following: Take a pail(plastic) and place warm water in it. Now add about 1/2 teaspoon of clorox. Stir the water around to get the proper mixture. Now add you live plants to the container. You might also want to add some kosher salt to assist in the sterilization. Leave plants in for approx. 2-4 hours. Once the time is up, rinse the plants well with warm water, make sure the trace of clorox is gone, as if this is not, will kill all your fish!!

Another method is place all plants in a shallow dish of water. Pick out all the snails, water-insects, etc. that make themselves apparent. Then make a solution of permanganate of potash(available in local drug store) in water, and let them soak overnight; a teaspoon of the crystals to two gallon of water is strong enough. A better sterilizer, if you care to take the trouble, is made with slaked lime, stirred into water until it is saturated- that until it can take up no more, and the lime settles on the bottom after standing a while. Pour off the saturated water, and dilute with six parts of plain water; then soak the plants in this solution for about a quarter of an hour. Very few animals will remain on the plants after that.

While examing your plants try to get rid of any jelly like substance little patches, as these are snail eggs. They should be removed very carefully so no damage will come to the plants. Some people think plants and snails in an aquarium look good. I tend to disagree. Snails reproduce like jack-rabbits(you one need one to get 1,000) an soon your aquarium will be more remarkable for its snail population than anything else.

Another thing to remember is DO NOT accept plants with a lot of algae(moos-like) growth on the leaves, for this will spread rapidly and choke the plants before they can establish themselves in the tank. Take off any dead or yellow leaves before planting. I hope this has helped you in some way. Next month I will write on aquascaping your aquarium. Till then hope you get two green thumbs.

Snails

Although snails are useful in a tank for keeping down certain varieties of algae, they do have three distinct disadvantages. First, many tropical fish will kill them. Secondly, they have been known to eat fish eggs. And thirdly, since they are asexual, a single large snail could completely overpopulate an aquarium in a comparatively short period of time. Today, many aquarists have replaced snails with Dwarf Corydoras or Sucker Catfish.



Hairgrass



Miriophyllum



Banana Plant



Red Ramshorn Snail



Pond Snail



Australian Red



Paper Shell



Limpet (magnified)



Four Horned Snail

P.V.A.S. BOWL SHOW RESULTS AND STANDINGS, SEPT., 1979

CICHLIDS

Angelfish/Discus

1st - G. Neese

Non-riфтlake, African

1st - K. Reece

2nd - G. Neese

3rd - K. Reece

Open

1st - K. Reece

2nd - K. Reece

3rd - G. Neese

Judges: J. Jessup
D. Holman

EGGLAYERS/LIVEBEARERS

Livebearer (Non-guppy)

1st - C. Harrell

2nd - D. Holman

3rd - D. Holman

Sharks/Loaches

1st - G. Neese

2nd - G. Baldwin

3rd - D. Holman

Open

1st - D. Holman

2nd - J. Reece

3rd - V. Elko

Judges: H. Lenzen
W. Griffin

STANDINGS, SEPTEMBER, 1979

CICHLIDS

Neese, G.*
Reece, K.
Kent, B.
Griffin, W.
Prendergast, M.
Mahoney, P.
Holman, D.

MONTH

12
18
0
0
0
0
0

QUARTER

38
48
17
0
4
0
0

ANNUAL

80
48
23
22
16
12
2

EGGLAYER/LIVEBEARER

Holman, D.*
Elko, V.
Neese, G.
Prendergast, M.
Kent, B.
Mahoney
Guiler, C.
Smith, E.
Reece, J.
Andreen, P.
Harrell, C.
Harrell, L.
Baldwin, G.
Meyer, P.
Reynolds, N.

16
5
6
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4
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43
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24
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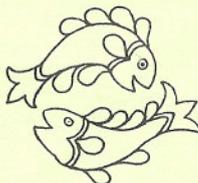
* Winners of the 3rd-quarter awards.

AUGUST, 1979 BREEDER'S AWARD PROGRAM STANDINGS

<u>NAME</u>	<u>POINTS</u>
Joe Paull	505****
Jan & Dave McInturff	415****
Ruth Brewer	280**
Garland Neese	200**
Bev Fazil	180**
Gerry Hoffman	170**
Pat * Naggi Mahoney	135*
Kenny Warren	90*
Gene Aldridge	80
Diane Nixon	70*
Woody Griffin	70*
John Jessup	65*
Pat Fromm	15
Jerry Donnelly	10

bap

REPORT



* Breeders Award
*** Advanced Breeders Award

** Intermediate breeders Award
**** Master Breeders Award

Recent spawnings:

Garland Neese: *Melanochromis exasperatus*
Melanochromis chipokae
Bev Fazil: *Ps. tropheops*

BOWL SHOW CATEGORIES FOR OCTOBER:

CICHLIDS

New World Mouthbrooder
Pseudotropheus
Open

EGGLAYER/LIVEBEARER

Goldfish, Koi
Characins & Tetras
Open

SUPER BOWL SHOW IN NOVEMBER:

November is double point month. At the behest of several members who last year wanted an "expanded bowl show" in November in order to be fair to all, we have arranged to have such a show this year. We will have categories covering almost any fish you may own. You will still get entering points for only 5 fish - you may enter in as many categories as you wish. If you win you get double points for doing so - in other words, 10 for 1st place, 6 for 2nd and 2 for 3rd. A chance to better your year's standings in a hurry. The points will count toward the annual trophy award, so start getting your fish ready to show. See page 4 for details.

PROGRAM, OCTOBER MEETING:

Ken Reece, who has a fish room full of African Cichlids, will give the October meeting -- about his fish room and the care and feeding and breeding of African Cichlids in general.

POTOMAC VALLEY AQUARIUM SOCIETY
P.O. BOX 6219
SHIRLINGTON STATION
ARLINGTON, VA. 22206

FIRST CLASS MAIL

1979 MEETING DATES

JAN. 8
FEB. 12
MAR. 12

APR. 9
MAY 14
JUN. 11

JUL. 9
AUG. 13
SEP. 10

OCT. 8
NOV. 19
DEC. 10

MEETINGS ARE HELD AT THE COCA-COLA BOTTLING PLANT, 5401 SEMINARY ROAD, BAILEY'S CROSSROADS, ALEXANDRIA, VIRGINIA. MEETINGS START AT 8:00 P.M., BOWL SHOW REGISTRATION STARTS AT 7:45 P.M.