

# DELTA TALE

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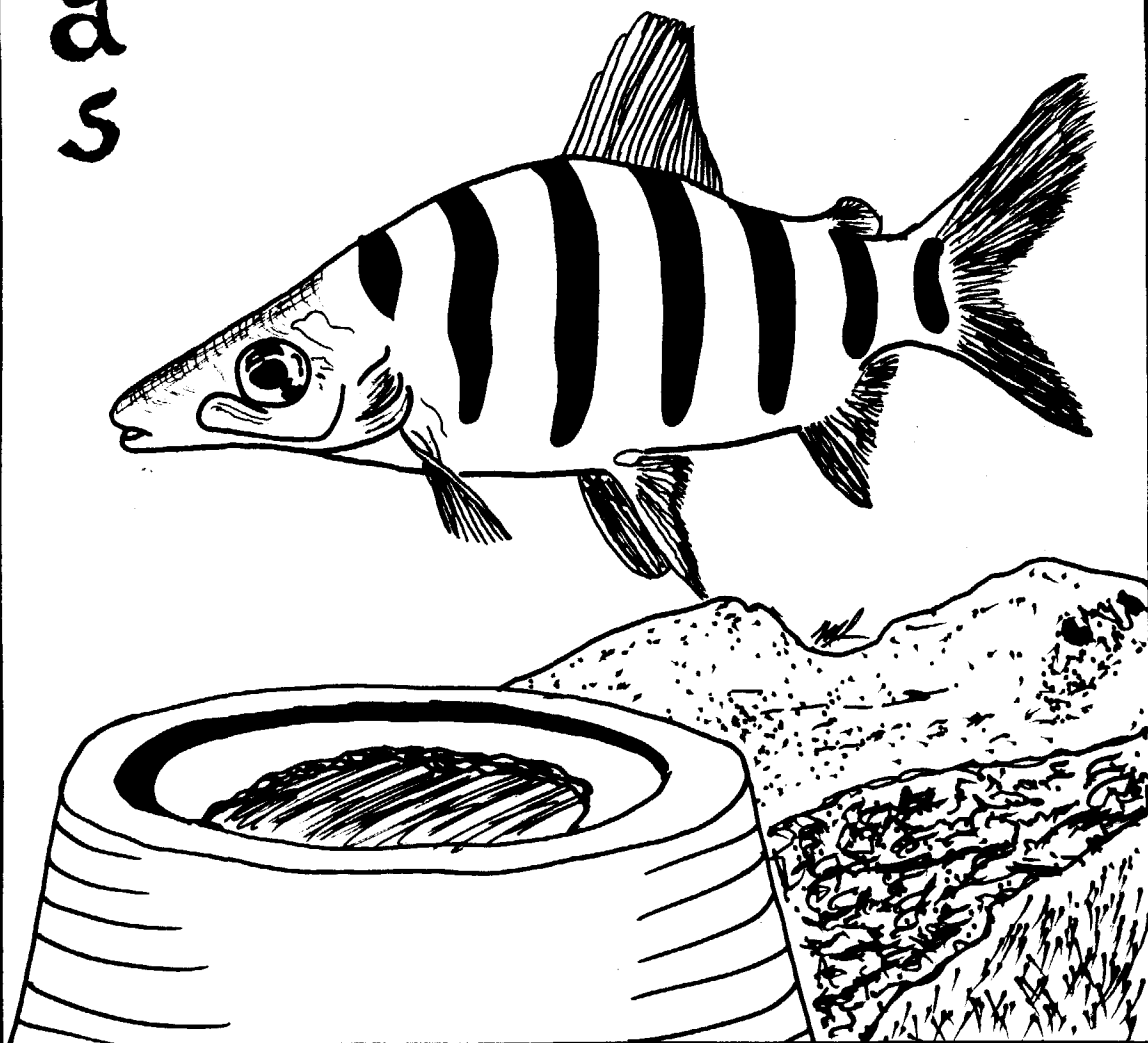
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Issue 1

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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 show, and promoting good fellowship. Correspondence should be addressed to Secretary, P.V.A.S., P.O. Box 6219, Shirlington Station, Arlington, Virginia, 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. All materials for inclusion in the DELTA TALE must reach the editor no later than the Saturday after the monthly Monday meeting.

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Editor: Dana Skibbie Best

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## NANNACARA ANOMALA

By Gerry Hoffman, FVAS

Want to try a dwarf cichlid that can be easily spawned? The Goldeneye dwarf, *Nannacara anomala*, is very prolific and undergoes noticeable color changes when in breeding condition. Males can grow to three inches, while the females tend to remain well under two inches.

My trio of goldeneyes were in a fifty gallon community tank which had been equipped with several smooth, rounded rocks and many plants. Aquarium conditions were 78° F., pH-7.0, and dh 7. After a few weeks of routine feeding, the male began to display his finnage to one of his mates, and his grayish-green color intensified with marked iridescence. The female had been staying around one particular rock under an Amazon swordplant, and now her usual blah tan body had developed a striking pattern of horizontal and vertical banding, commonly called the checkerboard pattern. To accentuate this, her face was now completely dark. Sure enough, about 100 amber eggs had been laid on the rock.

With many other fish to contend with, I knew the fry wouldn't survive long, so after two days of allowing the female to care for and fan the eggs, I pulled the rock out and let the fry hatch the next day in a container all their own. The female maintained her coloration for another day and chased everyone around the tank trying to find those eggs.

The fry were not yet free-swimming for another five days or so, and were quite small and colored dark brown. Even after losing their yolk sac, it seemed microworms and baby brine shrimp were too big for them because they were not eating and rapidly dying. The survivors eventually took food and were given a planted two-and-a-half gallon tank, but in their first month they didn't show much growth.

At sixty days, the thirty remaining fry are about one-half inch long and perfect replicas of their parents. Since that first spawn, each female has had several more in the community tank, but the fry don't make it far unless I remove them. An ideal fish, *Nannacara anomala* will spawn readily in the typical cichlid fashion.

1978 BOWL SHOW CATEGORIES

	<u>CICHLIDS</u>	<u>OTHER BOGLAYERS/LIVEBEARERS</u>
JANUARY	Central & S. A. Large Mbuua, non-pseudotropheus Open	Anabantoids Corydoras Open
FEBRUARY	<u>NO BOWL SHOW--MINI-AUCTION</u>	PUBLIC INVITED!!!
MARCH	Central & S. A. Medium Other riftlake Open	Livebearers Killifish Open
APRIL	Angelfish & Discus Other African Open	Sharks & Loaches Catfish, non-corydoras Open
MAY	Mouthbrooder, New World Haplochromis Open	Barbs Goldfish/Koi Open
JUNE	Central & S. A. Dwarf Pseudotropheus Open	Tetras Characins Open
JULY	Central & S. A. Large Mbuua, non-pseudotropheus Open	Anabantoids Corydoras Open
AUGUST	Central & S. A. Medium Other riftlake Open	Livebearers Killifish Open
SEPTEMBER	Angelfish & Discus Other African Open	Sharks & Loaches Catfish, non-corydoras Open
OCTOBER	Mouthbrooder, New World Haplochromis Open	Barbs Goldfish/Koi Open
NOVEMBER	Central & S. A. Dwarf Pseudotropheus Open	Tetras Characins Open
	DOUBLE POINTS IN NOVEMBER	
DECEMBER	<u>NO BOWL SHOW--CHRISTMAS PARTY</u>	

Revised  
September 1977

### BREEDER'S AWARD PROGRAM

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

If you have any questions, please don't hesitate to call one of the Breeder's Award Committee members. The handy forms to record spawnings can be obtained from any Committee member at the regular meeting.

The Committee members are:

#### Chairman

Dave McInturff (941-1962)

#### Montgomery County

Ted Walsh (277-8249)

#### Fairfax County

Ruth Brewer (893-6997)  
Pat Mahoney (534-0006)

#### Springfield

Dave McInturff (941-1962)

#### Herndon/Reston

Gerry Hoffman (437-9631)  
Jim Long (860-1345)

#### Bowie/Bel Air

Steve Siska (261-7923)

#### Alexandria/Arlington

Gene Aldridge (931-7426)  
Susan Sprague (841-0857)

#### Ft. Belvoir

Dana Best (960-1686)

If you have a spawning which needs verification, contact the Committee member nearest you. If, after a few tries, you are unable to contact the person nearest you, contact the next nearest. It is your obligation to see that you contact one of the Committee members to verify your spawning.

A copy of the spawning report is attached. This report should be as complete as possible when filing for points. It is to be filled out in duplicate. Forms may be obtained from any Breeder's Award Committee member.

POTOMAC VALLEY AQUARIUM SOCIETY  
BREEDER'S AWARD PROGRAM

Purposes:

The purposes of the Breeder's Award Program are:

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

Eligibility:

All members are eligible for the Breeder's Award Program except corresponding members.

The Program:

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

1. BREEDER AWARD - Has attained 50 breeding points from categories 1 through 10.
2. INTERMEDIATE BREEDER - Has attained Breeder status and a total of 150 breeding points.
3. ADVANCED BREEDER - Has attained Intermediate Breeder status and a total of 300 breeding points.
4. MASTER BREEDER - Has attained a total of 500 breeding points, plus has spawned at least one species from each of three categories on the difficult or target species list.
5. GRAND MASTER BREEDER - Has attained Master Breeder status and has spawned at least one additional species from the target species list over and above those spawned for Master Breeder status.

Acknowledgement:

Attainment of any of the five levels will be recognized in the Delta Tale and at the general meeting. Awards will be presented at the regular monthly meeting for all five levels of achievement.

Requirements:

1. Breeding points are awarded by proof of spawning of fish in of 17 different categories. Points may be gained only once from each species.
2. Spawning is defined as raising of at least ten (10) fry to sixty (60) days of age after hatching. Mouthbrooder eggs are considered hatched seven (7) days after breeding. If sex is readily determinable, two pairs must be included in the 10 fry.
3. Breeding is defined as the physical act of mating. A mating of killifish is considered to be the total quantity of eggs deposited during a one-week period. All fry hatched from the one-week spawn are counted for the purpose of satisfying the requirements of the BAP. The final verification date would be 60 days after hatching.

4. Eggs must be spawned by the breeder's own fish, not obtained from another breeder and then hatched.
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 awarding of points. The attached Special Category Form is to be used for this request.
6. Following a successful spawning, it is the breeder's own responsibility to see that his points have been properly recorded.
7. The requirement for ten (10) fry can be waived by the Committee for a fish which produces spawns of less than that number. The Special Category Form should be used for this request.
8. There is no intent under this program to require the tearing down of a tank to look for eggs. The sight of free swimming fish can be used as a trigger to start reporting. These provisions apply to substrate spawners. Questions in this area should be referred to a Committee member for resolution.

#### Proof of Spawning:

Proof of Spawning is defined as follows:

1. For all categories, submit breeder's award form to the BAP Committee. Any spawning claims may be investigated at any time by the Committee.
2. The first verification and inspection for all categories of breeding phase must be performed within 10 days of mating (for killifish, beginning of hatching) by a visit to your home. For 10-point fish this can be done by a member in good standing; for all other categories this must be done by a BAP Committee member.
3. The second verification and inspection for all categories must be done by a BAP Committee member. The fry must be 60 days old at the time of inspection. If you wish, the 10 fry may be brought to a general meeting.
4. The entrants, for 15-point and above categories, must submit a summary of spawning procedures, either orally at a regular general meeting or written for publication in the Delta Tale.
5. The entrants, for 25-point and above categories, in addition to the above, must notify a BAP Committee member within 48 hours of breeding (or beginning of hatching for bottom-spawning killifish).

Function and Authority of Committee:

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

Changes and Modifications of the Rules:

From time to time the Committee may feel that certain changes or modifications in the rules may be advisable. The Committee will adhere to the following procedures should it wish to make any changes or modifications. No changes or modifications will be retroactive.

1. A date for the change or modification is 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 months preceding the effective change.
3. Special rulings or category changes should be made in writing on the Special Category Form. The requester will be notified in writing of the action taken. All changes or clarifications will be available to all members.

Points or Awards Earned by Committee Members:

Any member of the Committee wishing to claim points must secure confirmation in the approved and customary manner. In addition, he must secure the confirmation of at least two members of the Breeder's Award Committee, in the case of the Difficult and Target Species.

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FROM THE EDITOR

Yes! The Public is invited to our mini-auction, February 13, at the Coca-Cola Plant.

We desperately need cover artists. If you are interested, please call Dana Best, 960-1686.



Categories:

The 17 categories and their breeding point values are as follows:

- Category 1. - 10 points - Any species of livebearing fish except as indicated elsewhere.
- Category 2. - 10 points - All mouthbrooding cichlids (African and New World) except as indicated elsewhere.
- Category 3. - 10 points - Any species of cichlids except as indicated elsewhere.
- Category 4. - 10 points - Goldfish, koi, white clouds, or any species of danio or brachydanio.
- Category 5. - 10 points - Any species of barbs.
- Category 6. - 10 points - Any killifish that is not a bottom spawner.
- Category 7. - 15 points - Any species of anabantoid other than Chocolate or Kissing gouramis.
- Category 8. - NOT USED.
- Category 9. - 15 points - *Badis badis* and any species of fish known as dwarf cichlids.
- Category 10. - 15 points - Any endemic rift-lake substrate spawning cichlids except as indicated elsewhere.
- Category 11. - NOT USED.
- Category 12. - 20 points - Any species of catfish except as indicated elsewhere (includes bristle-nosed plecostomus).
- Category 13. - 25 points - Any species of bottom-spawning killifish.
- Category 14. - 25 points - Any species of characins except as indicated elsewhere.
- Category 15. - 30 points - DIFFICULT SPECIES (See following).
- Category 16. - 50 points - TARGET SPECIES (See following).
- Category 17. - Various - Special assignment fish.

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

1. Any species of Discus (*Symphysodon*).
2. Neon Tetra (*Hyphessobrycon innesi*) or Cardinal Tetra (*Cheiridon 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 Puffers (*Tetraodontidae*).
7. Any species of Whiptail Catfish (*Loricaria*).
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 tetrophthalmus*).
12. Any species of Sticklebacks (*Gasterosteidae*).
13. Spotted Headstander (*Chilodus punctatus*).
14. Chocolate Gourami (*Sphaerichthys osphromenoides*).
15. Oscars, Red devils, Severums.
16. Non-designated species (a difficult species of the breeder's choice may be substituted for one of the above 15 categories. In order to qualify a species for this award, the breeder must submit a written request to the Committee for approval prior to awarding points. Reasons must be provided). This category can be used more than once in attaining the Master Breeder Status.

The TARGET SPECIES LIST is a list of aquarium species whose spawnings have not been reliably reported by the home aquarist.

At the present time the list is as follows:

1. Red-tailed Shark (*Labeo bicolor*).
2. Any species of Loricariidae except whiptail catfish and bristle-nosed plecostomus.
3. Any species of loach.
4. Glass Catfish (*Kryptopterus bicirrhus*).
5. Any species of Scats (*Scatophagus*).
6. Any species of Headstanders (Anostomidae) except *Chilodus punctatus*.
7. Any species of fish naturally found exclusively in salt water.
8. Any species of Hatchet fishes (Gasteropelecidae).
9. Any species of Glass fishes (Centropomidae).

\*\*\*\*\*

# bap REPORT

<u>NAME</u>	<u>POINTS</u>
Susan & Mike Sprague	165**
Ruth Brewer	270**
Gene Aldridge	80
John Jessup	55*
Diane Nixon	70*
Pat Tietjen	15
Jan & Dave McInturff	405***
Jerry Donnelly	10
Gerry Hoffman	115*
Joe Paull	75*
Pat & Maggie Mahoney	10
Beverly Fazil	55*

Spawings:

Brewer: *Gambusia affinis*  
Paull: *Epiplatys lamottei*

- \* Breeder award
- \*\* Intermediate breeder award
- \*\*\* Advances breeder award

BREEDER'S AWARD FORM

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

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

NAME (Please print) DATE OF FREE SWIMMING TECHNICAL

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

INFORMATION ON BREEDING: CARE OF FRY:  
 tank size \_\_\_\_\_ pH \_\_\_\_\_ tank size \_\_\_\_\_ temp. \_\_\_\_\_  
 temp. \_\_\_\_\_ DH \_\_\_\_\_ age when  
 moved \_\_\_\_\_ food \_\_\_\_\_  
 no. of males \_\_\_\_\_  
 no. of females \_\_\_\_\_

NO. OF YOUNG AT 60 DAYS \_\_\_\_\_  
 DATE \_\_\_\_\_  
 approx. average size of fry at  
 60 days of age \_\_\_\_\_

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

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

\_\_\_\_\_  
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BREEDER'S AWARD PROGRAM

REQUEST FOR SPECIAL CATEGORY ASSIGNMENT (2 copies)

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

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

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

Reasons-(Show specifically why this fish is in the wrong category):

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

BAP Committee Action  
Member Approved Disapproved

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

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

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

MONTHLY BOWL SHOW RULES  
(Adopted December, 1977)

The PVAS Show Committee will continue with the following rules and regulations for the monthly Bowl Show held during our regular meetings:

There will be two major classes at each monthly bowl show as follows: Cichlids, Other Egglayers/Livebearers.

Each of the above classes will have three sub-classes. Points for each major class will be accumulated toward a quarterly and 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 up to a maximum of five points.

**Awards:** Awards for 1st, 2nd, and 3rd place winners in each sub-class monthly. Awards for high point winner of each major class quarterly. Donated awards will be given to the member with the highest total points in each major class at the Christmas meeting.

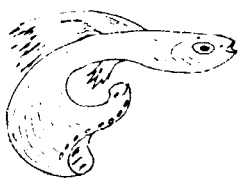
Bowl Show entries must be registered with bowl show committee member. No more than five entries will be allowed per month. NO ENTRIES WILL BE ACCEPTED AFTER MEETING IS CALLED TO ORDER. Entries will be registered and placed on bowl show tables. All entries must be shown in bowls having at least two flat sides. All others will be disqualified. No entry is to be picked up off table except by exhibitor, show committee member or judge.

**DECISIONS OF THE JUDGES ARE FINAL.** No person may serve as a judge in any sub-class which they have entries.

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

The following will be used to aid in categorizing and judging Cichlids:

DWARF--ultimate size of species will not exceed four inches.  
MEDIUM--ultimate size of species will not exceed seven inches, but four inches or larger.  
LARGE--ultimate size of species is over seven inches.  
ANGELFISH & DISCUS--separate class, not to be shown in Central and South American classes.  
MOUTHBROODER, NEW WORLD--separate class, not to be shown in Central and South American classes.  
OTHER RIFTLAKE--fish endemic to the riftlakes other than mbuna and Haplochromis.  
OTHER AFRICAN--Any African except Haplochromis and those endemic to the riftlakes.



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	Corresponding	\$5.00
Individual	\$7.00	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.