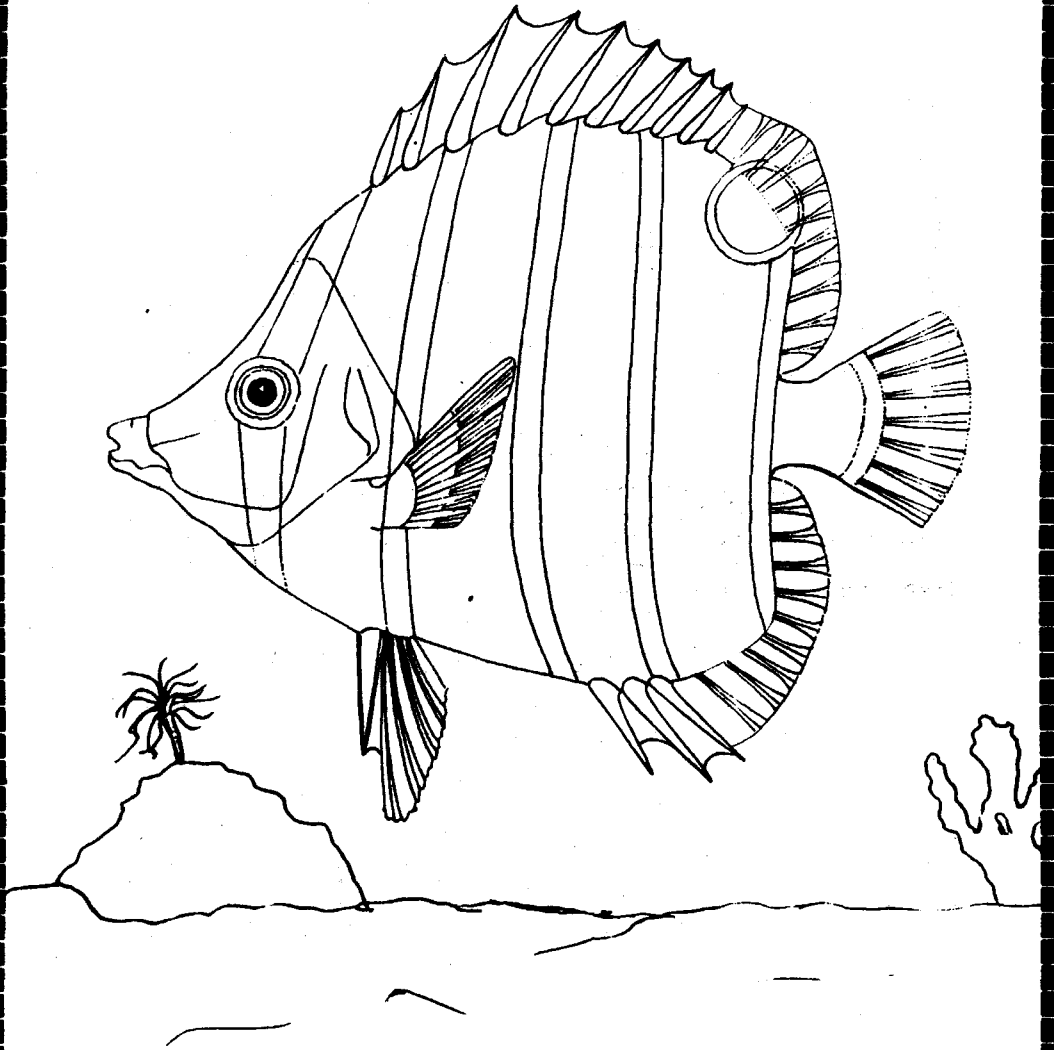


* DELTA TALE *

Nov. 1984
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OFFICIAL PUBLICATION OF

potomac valley aquarium society



POTOMAC VALLEY AQUARIUM SOCIETY



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Vice Pres.: John Jessup (703) 534-1704	Rec. Sec. : Pete Tietjen (703) 620-0637
Treasurer: Maggi Mahoney (703) 534-0006	

PVAS BOARD OF GOVERNORS, 1984

Jerry Stirman, Darrell Holman, John Mangan, Kenny Warren
ex officio member- Pat Mahoney

PVAS COMMITTEE HEADS, 1984

Auctions:	Bowl Shows: Frank Angilletta
BAP : Pat Mahoney	Programs : John Jessup
HAP : Alex Cummins	Ways/Means: Alex Cummins
Library : Maggi Mahoney	FAAS : Woody Griffin
Memberships: Kurt Schnepf	Delta Tale: John Mangan
Spring Show: Darrell Holman	

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FROM THE PRESIDENT

Once again it is the meeting for electing officers for the upcoming year. There has been a proposed slate of officers selected by club members who are not currently voting members on the policy making Board of Directors of PVAS. Hopefully, they have nominated reliable, eager to help, and trustworthy people to guide PVAS for another year. Usually it is hard enough to obtain enough acceptance if nominated for the Board positions, but the slate is not always approved by acclimation. Nominations are always accepted prior to the actual voting, so express your desires or live with the elected officers for 1985.

I had the opportunity to visit the fabulous fish room, or fish basement, of Ginny and Charlie Eckstein in Long Island last September. Being pressed for time, I couldn't see enough or ask enough questions (maybe listen to Ginny would be better) to absorb the extraordinary fish that are to be found there. Being experts on South American Cichlids, especially of the genus Cichlasoma, I was overwhelmed by the show-winning condition and size of each and every fish. Imagine buying a 225 gallon tank for the purpose of letting a single South American catfish achieve its maximum size, perhaps 3 feet or longer. Charlie reached his hand into the tank, stroked its head, and fed it a handful of large krill piece by piece right into its gaping mouth. There were RARE sucker cats, both large and small (Otocinclus sp.), a newly discovered Crenicara sp., odd Corydoras, pairs of unusual South American "ugly-type" catfish and more. And to top it off, she has a hermaphroditic Cichlasoma festabile named "Tootsie". What's that you say? Well, it was a male, then turned into a female. Then it became capable of fertilizing its own eggs and had viable spawns and fry from herself! It has been documented and observed. Here is a fish that could enter a pairs competition in a show by itself. Think about it.

Since this page is being written prior to the Fall Auction and Banquet, I will leave any comments on them to our editor John Mangan. I'm sure they both ran smoothly and were considered to be successful. As of this date, I know that several people will be coming from the Raleigh, North Carolina club and also from the Philadelphia area. Often there are shows, activities or workshops within a few hours drive from our area that are well worth the time to attend. Over the winter, why not think of expanding your knowledge of the hobby and get in on the excitement of a weekend event?

Gerry

~~P.S.~~ As a rebuttal to last month's comments from the editor, I spelled Goodeids, er, Goodeids, incorrectly to see if he really does edit and correct this publication. I would also suggest that our editor try a bottle of fine, imported wine rather than try to savor the quality of something equivalent to Ripple. Fish that are colored black on gray are nearly as exciting as watching mulm accumulate. As other fish have assumed the title in previous years, Goodeids should be only recognized as the "dither fish of the 80's."

FROM THE EDITORS DESK

First topic this month- I've finally gotten an artist. Becky Pajak has given me several drawings, one of which appears in this issue, and hopefully she'll be sending in some more soon. This doesn't mean that the rest of you can't send in anything, I can use all that I can get. Thank you Becky, your help is greatly appreciated.

The HAP has finally gotten off to a start. Slow, but a start at least. I know there are a lot of you out there with plants. The HAP needs you to participate so it can eventually become as major a part of our club as the BAP. If someone with a brown thumb like me can make it all the way to the second level then anyone can.

I saw something interesting a few weeks ago- It was on the PBS program "Nature". The episode was on Krakatoa and its neighboring islands. On one of these islands lives a goby- like fish that eludes predatory birds by hiding under a leaf. Now you're probably thinking "Big deal, lots of fish do things like that." Well what makes this one different is that it doesn't just hide under a free floating leaf, it carries the leaf around with it. The fish swims upside-down under the leaf and holds on to it with its pelvic fins. It then uses its other fins to propel the leaf around. Thus it remains hidden but still mobile.

Who are those two characters on page 18 of the October issue of Buntbarsche Bulletin (ACA). Could it be Pat and Maggie Mahoney?

Please notice that there are only two articles in this issue. One is a reprint and the other I wrote myself.

That's all for now, I have to start getting ready for the auction. More when I get back.

I'm back.

Overall the weekend went very well. At the Saturday night banquet the food was rather disappointing, certainly not my idea of a "buffet dinner". The evening was still successful though due to the excellent talk and slide show by Dave Herlong. It made me think about getting back into African cichlids. If you don't get a December Delta Tale it's because I've packed my bags and headed for Malawi. Everyone present also had a good chance to mingle and talk with old friends and make some new ones. I had a brief chance to meet and talk with the new director of the National Zoo, Dr. Michael Robinson. He is a very friendly and knowledgeable person (anyone that knows something about goodeids must be a great guy). I hope we will be seeing more of him in the future. Even though I nearly suffocated from wearing a tie I had a good time. How did a silly custom like wearing a brightly colored piece of cloth wrapped tightly around your neck ever get started anyhow?

Sundays auction also seemed to go well. The new location had plenty of room and nice comfortable chairs. There were lots of good fish offered for sale, especially lots of nice African cichlids. These seemed to dominate this year's auction. There were other things too though. An unusually high number of natives (I picked up a nice

NOVEMBER HAPPENINGS

***Elections- The proposed slate of officers for 1985 is to be found in this issue of the Delta Tale. Any and all nominations will be accepted from the membership at the meeting. Any persons nominated must be present to express their acceptance of the nomination from the floor.

***Bowl Show --#1- Expanded Bowl Show as scheduled- the last chance at the quarterly and yearly awards.
#2- Super Bowl Showdown- The 10 judge's choice winners from January to October will have a chance at the Best Fish of the Year Award. How many of the monthly winners are still alive? Who will win?

***Program- Test your knowledge with a Q&A type slide show. Fun for all.

December- Our annual Christmas-awards -dinner meeting. As in previous years, we plan a pot luck dinner, with the club providing the main entree(turkey?) and every family bringing a side dish or desert. Our coordinator this year will be Barbara Blumberg. Sign up for bringing something at the November meeting. All family members are invited.

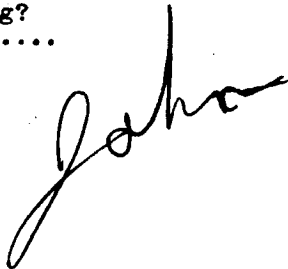
editorial, cont

trio(?) of darters) and some nice new rainbows. I spent some time talking with Lynn Pitegoff, editor of Carolina Aquarist, the bulletin of the Raleigh Aquarium Society. Lynn has just recently taken on the editorship and I wish her much luck and success. It was also nice to see some of PVASS old out of town friends such as Gene Aldridge, Dave Herlong, Kevin Uzzle, Gerald Pottern; and Ed & Cathy Taylor (who actually made it all the way up without their car breaking down, maybe our new location had something to do with it), to name a few.

A big thank you to Dave Herlong and all of the people who helped out "behind the scenes" both days.

One final comment, directed toward Gerry Hoffman-- At least I don't type upside-down. What's Gerry been drinking?

Until next, Hic (oops, excuse me), month.....



CLOUDY WATER

by John Mangan, PVAS

Ideally, aquarium water should be clear and colorless (which are not the same thing) and free of suspended solids. There are a number of things that can prevent this ideal from being achieved and/or cause its deterioration.

The first, and easiest to remedy if done right, is "new tank cloudiness". This is the milky cloudiness that often occurs within a few days of a tank being newly set-up. This is caused by a bacterial bloom in the water. You'll notice above that I said this is the easiest to remedy if done right. The right way is to do absolutely nothing. The bacteria will bloom, use up all of the available nutrients in the water, and then die back within a few days to a "normal" number which will not be visible. Most of them will be down among the substrate and everything will be fine. Unfortunately most people can't just sit back and do nothing. They have to mess around with their tank and in the process create more work and will be less successful than if they'd just keep their darn hands off the thing. As the saying goes "if it ain't broke don't fix it". The solution most people try is to totally drain down the tank and start all over, which just starts the bacterial cycle all over. Theoretically you could go around in circles like this forever.

The next type of cloudiness is caused by decaying organic matter (yuck). This can be broken down into three main subgroups. The most common is excess food. This will usually cause a greyish or brown cloudiness, and often a foul smell too. Most fish will act like they're starving to death everytime they see their gullible keeper come near the tank. Novice aquarists almost always seem to fall for this, as do many more advanced aquarists that should know better. This type of cloudiness isn't as easy to get rid of as the first type. The first thing to do is to cut back on your feedings, both number and amount of food given. It is very rare for a healthy fish to starve to death, so don't fall for their begging. If the water is in real bad shape, and cutting back on food isn't enough to clear it, then next try making a 1/4 to 1/3 water change and cleaning the filter. Be sure to treat the new water to remove chlorine or chloramine, and check pH and temperature. It is also a good idea to stir up the gravel before making the water change since if the water is cloudy then the gravel is probably pretty dirty too. If the tank is in really bad shape you may have to break the whole thing down and clean everything. This is a last resort however. A complete breakdown, besides being a lot of work and mess, is a big strain on the fish and you will very likely lose some. Never completely break down a tank unless there is no other choice.

The next subgroup is dead fish (or snails, or crabs...). When you notice your water getting cloudy do a quick inventory of your fish etc. If someone is missing start looking for the body. It will probably not be in plain sight; or you should have noticed it before the tank began to cloud. You've probably heard of the elephants graveyard, where all of the elephants go off to die, well there's a fishes graveyard too. It's located in the most hidden and inaccessible part of your tank.

cloudy water, cont.

Often when a fish is sick or very weak it will find some well hidden place to wedge itself into so that the other fishes can't pick on it. This is where it will end up dying. To get rid of the cloudiness, first find the body, or what's left of it, and remove it from the tank. Put it in the trash or out in the garden (they make very good fertilizer). DO NOT flush it! If you do there is always a chance that you will be introducing some exotic disease or parasite into the environment that can affect the local fishes. Never flush a fish, dead or alive. Next change the filter, especially the carbon. Use a good grade of carbon such as Marineland or something comparable. Using a good carbon will also prevent discoloring of the water. In most cases this will be enough to clear the water. If it isn't then change part of the water and add some extra aeration.

Dead plants can also cause cloudy water. These are usually more obvious than dead fish and if you have much common sense they will be removed from the tank before they create a problem. If not, the solution is the same as for the dead fish (see above). Give your plants plenty of good quality light (full spectrum bulbs preferably) and you shouldn't have a problem.

The next type of cloudiness is greenish cloudiness. This is due to algae in the water (all of the above types are due mainly to bacteria). This problem is caused by an excess of organic matter (excess food, dead fish, etc.) and/or too much light. Changing part of the water and adding algicides are temporary solutions. To permanently solve it you must go to the root of the problem. Add more live plants to your tank. Live plants DO NOT cause algae as many people mistakenly seem to think. They will actually reduce the algae by competing with it for the available nutrients. If this doesn't help then first cut back on feeding to reduce the excess nutrients in the water that the algae is feeding on. If you're still having problems after trying the above then reduce the amount of light that the tank is receiving. Is it getting a lot of light from a window? If so either close the curtains during the afternoon or move the tank. Direct sunlight, besides causing algae, is also dangerous for a small tank. The sunlight will cause the water to heat rapidly and then, after the sun goes down the temperature will drop rapidly. This will lead to the second subtype of decaying organic matter (ie dead fish). If the tank is not getting too much sunlight then it must be getting too much artificial light. DO NOT leave your light on 24 hours a day. The sun does not shine on the Amazon river, or any other place where aquarium fishes come from, 24 hours a day. The fish and plants need a dark period. While I'm on the subject of leaving the light on- DO NOT USE THE LIGHT AS A HEATER! Besides giving you an algae problem, you can't regulate the temperature. It will jump up and down as you turn the light on and off. Don't be a cheapskate. Buy a heater. They aren't very expensive and they use a lot less electricity than the light does.

In conclusion- there are two basic rules that will make aquarium keeping much easier for you:

- 1.) as mentioned above- "if it ain't broken don't fix it."
- 2.) "an ounce of prevention is worth a pound of cure". ie don't overfeed, look at your tank often, and well enough to notice if there is a fish missing, make regular partial water changes (see the Oct. Delta Tale), etc.

Follow these rules, and use a little, common sense, and you will be much more successful, and have clear water.

EPITAPH FOR A PLECO

by Ginny Eckstein, NJAS

The only people who never fail are those that never try! If that appears to be a strange introductory sentence for a catfish article, then let me explain....

Several years ago I purchased a small Panague catfish, known locally as a "blue-eyed pleco". I could never find a reference for correct nomenclature; now, thanks to Dr. Peter Lewis, I believe it to be Panque suttoni, identified by Dr. I.J.H. Isbrucker.

This suckermouth is quite attractive even at a small size. High bodied, black with a blush of gold irredescent underneath, a caudal that develops lush extensions as it matures; its most distinctive feature has to be its eyes - they'd make Frank Sinatra or Paul Newman jealous, bright blue!

Residing in a 125 gallon tank in my living room, it lived happily after a brief territorial skirmish, that was (more about territory later) with a Plecostomus punctatus over a piece of driftwood.

In my opinion driftwood, or some component of it, is necessary to the diet of Loricariidae. Over a period of time you will notice shading as they sand down the wood with their powerful mouths.

Concerning diet- so efficient at devouring algae are the members of this genus, that their diet must be supplemented with additional vegetable matter, I use zucchini and sinking vegetable pellets.

My friend Dominic, who owns a pet store, decided to keep a blue-eye from the same shipment as mine. He had decided to grow it up in his shop.

Some 2½ years later I noticed that mine had developed a roundness to its stomach even before feeding. I felt certain it was a female. My husband Charlie once again thought I was crazy. He pointed out the interopercular spines. I was well aware of them. There were also small irregular spines on the first ray of the pectoral fins. I still felt it was a female.

I decided to go look at Dominics pleco. Both had grown at about the same rate. Although both fish were approximately the same size, his appeared longer. I realized mine had more body than tail. On his interopercular spines, they were definitely longer, as were the pectoral spines. The stomach indicated a well fed fish, but lacked the body fullness and round stomach of mine. I even thought that his had a larger dorsal. Maybe I was crazy, I was sure it was a male. This led to several months of trips back and forth comparing the two fish. The store fish was not for sale. One day while Dominic was visiting us, I confessed my "feelings" concerning the two blue-eyed plecocos. Dominic listened

pleco, cont.

and looked but didn't comment. Charlie felt he was too polite to tell me that my imagination was running wild. I was very disappointed, as I consider Dominic a very knowledgeable fishy friend.

Early the next morning my doorbell rang. It was Dominic. He wanted to look at my blue-eye again. Secretly, I was thrilled, at least I've got him thinking about it. After several more comparative visits, he agreed with me. Now what? He asked me what I'd do if I owned both of them? "Why try to spawn them, of course!" "How?" "Well..." I hadn't really given it alot of thought. I was content finding some sexual dimorphism. "Take my male, try it. But I'm warning you, I can't even add any fish to his tank at the store; he's totally intollerent." I knew my female would never win the "Miss Congeniality title" either.

Previously, I mentined a territorial skirmish. Many catfish are just as demanding in their territorial needs as cichlids. The aforementioned encounter was brief for only one reason- the P. punctatus deferred to the boundaries set by the blue-eye. During the two years they were housed together, there were no other problems.

I removed the P. punctatus from the tank last year. I replaced him with two Pterygoplichthys gibbiceps. The beautiful sailfins are diurnal. They added more activity to the tank than I anticipated. They refused to respect, on a permanent basis, the blue-eyes boundaries. She would chase them, split their fins and still be unable to control them on more than a temporary basis. She never stopped trying.

Since I acquired Dominic as my partner in crime, Charlie gave up. I felt I needed at least a 125 gallon tank to attempt this spawning. Charlie acquiesced and sold his T. buterkoferi. Now I was really nervous. I had the fish, I had the tank, what next? I housed the male in temporary quarters while I prepared the tank. I loaded the tank with clay cylinders, large heavy ornamental driftwood (the kind with the slate attached) and varying lengths of 4" wide PVC pipe. Charlie made a grid divider. Under no circumstances (like large Cichlasoma) was I going to risk either of these fish. One evening Charlie placed both fish in the tank for me. He placed one at each end of the tank- no divider. We wanted to see their reaction. Within minutes they "discovered" each other at the driftwood. As we tensly waited to see what would ensue, a dramatic color change took place. The subtle gold undertones became predominant. They appeared to be glittering gold plecos with scattered faint shadings of charcoal. This added to the glistening illusion. Both fish started quivering and going head to tail, just like cichlids! We watched this interaction in amazement. After several minutes, the female swam away; the male pursued. They repeated their earlier actions. Once again, the female left. Although they appeared very copatible, we divided them as we were retiring for the night.

pleco, cont.

Each day as I prepared to work in the fish room, I would remove the divider. Each day the female would become rounder in her stomach and sides. They were definitely courting, sometimes quite gently, occasionally rough. Both had acquired small splits in their pectoral and caudal fins. I was quite pleased with the way things were progressing.

Then I made a stupid tragic mistake- I left the fish room and went to a meeting without putting the divider in. The only excuse I can offer (besides being dumb) was that each day for a week they had gotten along beautifully. I had almost stopped worrying about them. During the four hours I was gone, all hell must have broken loose.

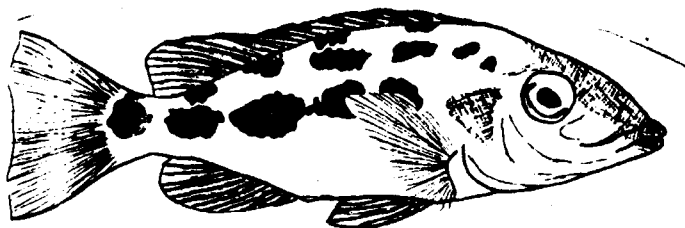
When Charlie and I had arrived home, we went downstairs to check on the fish and turn off the lights. Charlie immediately spotted the missing divider and found what was left of our female. She had no fins and was completely denuded of her armor plating. Her eyes were sunken in. The combined dentition and sucking power of the male had mangled her worse than any cichlid casualty I've ever seen. Many people may not think about the fact that suckermouths have teeth. We have several large filter tubes that are permanently engraved with the teeth of a blue-eye pleco. We've had to remove a submersible filter, with a heavy duty cord, because the blue-eye had gnawed off the covering.

Although we knew it was hopeless, we placed her in a 10 gallon tank. The next morning she was dead. As I removed her body from the tank, I knew there was something I had to do. I took a single-edge razor blade and slit down her underside. Not an easy thing for me to do. She was filled with large dark amber eggs in a jelly-like substance.

Her death was unwarrantable. If you find this requiem strange, so be it. It is not easy to write of ones failures!

Reprinted from The Reporter, North Jersey Aquarium Society.

ed. note- on behalf of everyone who reads this article I would like to thank Ginny for writing it. It contains lots of information that could benefit the next person who tries to spawn this fish. Mistakes can teach us just as much as success, just not as pleasantly. J.M.



HORTICULTURALIST AWARD PROGRAM

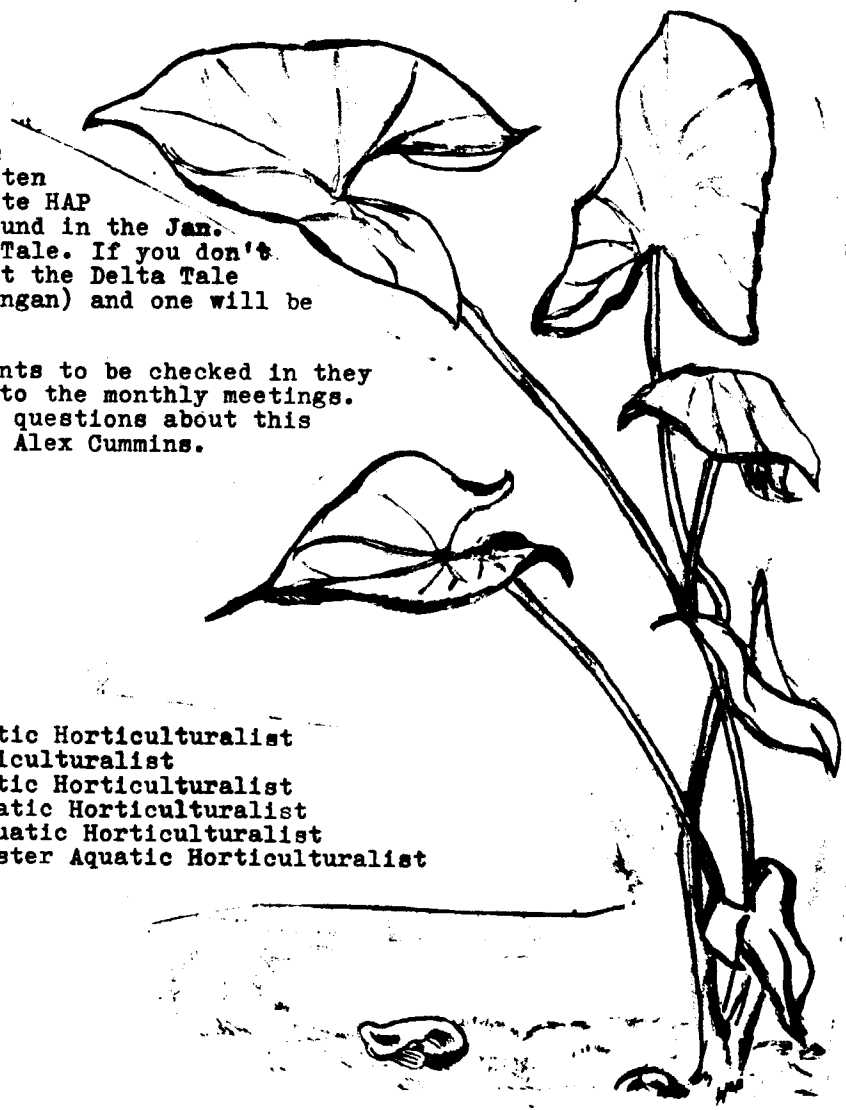
Standings-

John Mangan 130 points **
Alex Cummins 75 points *

The HAP program has finally gotten started. Complete HAP rules can be found in the Jan. issue of Delta Tale. If you don't have one contact the Delta Tale editor (John Mangan) and one will be sent to you.

If you have plants to be checked in they can be brought to the monthly meetings. If you have any questions about this program contact Alex Cummins.

- * Begining Aquatic Horticulturalist
- ** Aquatic Horticulturalist
- *** Senior Aquatic Horticulturalist
- **** Expert Aquatic Horticulturalist
- ***** Master Aquatic Horticulturalist
- ***** Grand Master Aquatic Horticulturalist

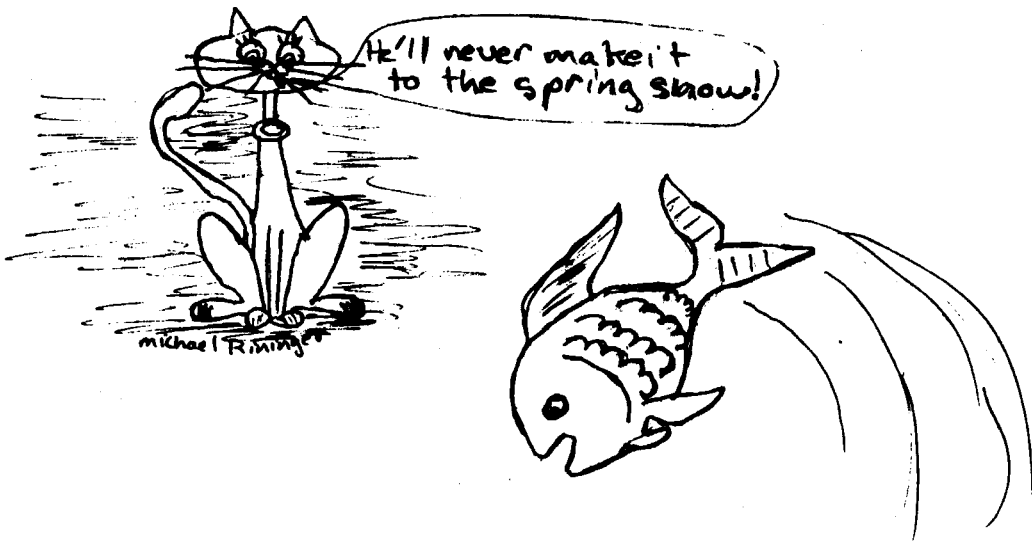


Q and A

Anyone having questions on fish, plants, live foods or anything else having to do with aquariums may send them to Delta Tale, c/o John Mangan, 9770 Oleander Ave, Vienna, VA 22180.

Q: I recently had a plant in my aquarium grow and produce a flower. With careful observation I was able to determine precisely that my plant had green lanceolate leaves arranged opposite and decussate, was hermaphroditic with flowers clustered in the leaf axil and mirror symmetrical. Most interesting was that the perianth was gamopetalous with a calyx in 4 or 5 parts and the corolla was two tipped in five parts. I counted 4 stamens with 2 united hypogenous superior carpels and a fruit being a capsule. Does my plant belong to the Acanthaceae family or the Onagraceae family?
signed Confused

A: It is very obvious that your plant belongs to the Acanthaceae. Maybe if you bought some books printed in English you could figure out easy things like this for yourself.



TRADING POST

All ads for the Trading Post should be sent to Delta Tale c/o John Mangan, 9770 Oleander Ave. Vienna, VA 22180, by the 20th of the month prior to publication.

Want: Any species of Apistogramma, fish bowls. Contact Andy Hill ph. 281- 6484.

Want: male Allotoca dugesi, female Nothobranchus guentheri, back issues of aquarium magazines. John Mangan, address above.

THE MIRROR

Pat Mahoney

REPRINTS

CHLORAMINE, John Mangan, THE AQUATIC NET, Central Illinois Aquarium Society, Decatur, IL, October 1984. ✓

REVIEWS

PHILODINA, THE PERFECT FOOD, Gerry Hoffman, ASHCO SKIMMER, ASHCO Aquarium Club, Ashtabula, OH, September 1984. ✓

EXPERIENCES WITH VELVET, John Mangan, THE NEKTON, Saskatoon Aquarium Society, Saskatoon, Saskatchewan, Canada, September 1984. ✓

PHILODINA, THE PERFECT FIRST FOOD, Gerry Hoffman, CICHLID TALES, Texas Cichlid Association, Dallas, TX, September 1984.

CHLORAMINE, John Mangan, BUCKEYE CICHLID LOVERS BULLETIN, Ohio Cichlid Association, Hinckley, OH, November 1984.

BOARD OF GOVERNORS

BOARD MEETING OF THE POTOMAC VALLEY AQUARIUM CLUB

The October meeting of the Board of Governors of the Potomac Valley Aquarium Club was held on October 7, 1984 at the home of John Mangan. Attending were Gerry Hoffman, Ruth Brewer, Maggi Mahoney John Jessup, Alex Cummins, Kurt Schnepf, John Mangan and Peter Tietjen. The meeting was called to order at 10:06 am.

Maggi reported that the bank balance was approximately \$1400 and that all current bills were paid. The Board agreed to make a donation to the Guy Jordan Endowment Fund in the memory of Millie Aldridge who passed away recently. Club members were encouraged to make their own donations in Millie's memory.

Banquet and Auction Everything appears to be in readiness for the Fall Banquet and Auction on Oct. 20-21. Gerry reported that the room at the John C. Wood facility has been reconfirmed for the auction and that he will confirm it once again. The flyers and posters have been printed and distributed and that advertising will appear in The Washington Post. John Jessup will purchase the 55 gallon tank for the raffle and will also get up to \$100 of other raffle prizes. Alex has rented a hot dog cooker and will purchase other food. The cocktail reception at Army-Navy Country Club is also all set. Dave Herlong will be the speaker.

Nominating Committee The Committee met on September 17th and is proposing the following slate of officers for next year:

President	Gerry Hoffman
Vice President	John Jessup
Treasurer	Ray Hughes
Recording Secy	Pat Gore
Corresponding Secy	Amy Stirman
Board of Govs	Jerry Stirman
Board of Govs	Alex Cummins

Nominations from the general membership will be accepted at both the October and November meetings.

Incorporation The papers for incorporation have been prepared and will be reviewed by a member of the Virginia bar and then will be voted on by the general membership and filed. Gerry Hoffman will obtain an attorney to review the papers.

Mailing List The mailing list has been typed on xerox labels and will be available soon.

BAP After much discussion the Board reluctantly voted to remove Woody Griffin as chairman of the Breeders Award Program. Gerry will decide on a new chairman soon.

Christmas Party The annual Christmas party will return to a sit-down dinner this year. Any volunteers for the post of dinner chairman will be greatly welcomed

The November meeting of the Board will be held on November 4th at Ruth Brewer's house.

The meeting was adjourned at 11:05 am so John Jessup could go suit up for the Redskins win over the Colts.

Respectfully submitted
Peter D. Tietjen



OCT. BOWL SHOW RESULTS

Cichlids

New World Mouthbrooders

no enteries

Pseudotropheus

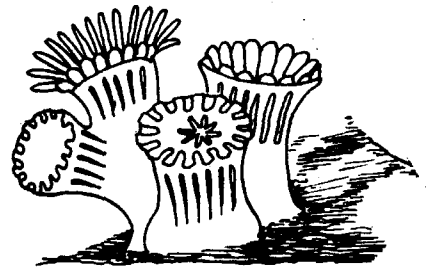
no enteries

Open

1st. Ray Hughes, Kribensis

2nd. Doug Mann, Apistogramma "aggy"

3rd. Ray Hughes, Kribensis



Egglayer/Livebearer

Goldfish & Koi

1st. John Mangan, Nymph Goldfish

Characins

1st. Gerry Hoffman, Splash Tetra

2nd. Doug Mann, Copeina sp.

3rd. Doug Mann, Copeina sp.

Open

1st. Gerry Hoffman, Pterolebias peruensis

2nd. Doug Mann, Blue Gularis

3rd. Doug Mann, Loach catfish

Members choice- Blue gularis, Doug Mann

Judges choice- tie- Pterolebias peruensis, Gerry Hoffman

Blue Gularis, Doug Mann

judges- Jim Long, John Jessup

STANDINGS

<u>Cichlids</u>	month	quarter	year
Frank Angilletta	0	0	39
Mark Steele	0	12	28
Ray Krause	0	0	7
Ray Hughes	8	8	8
Jim Long	0	0	6
Nathan Manwaring	0	0	6
Rob Roser & son	0	0	5
Alex Cummins	0	0	6
Mike Rininger	0	6	6
Andy Hill	0	6	6
Doug Mann	4	4	4
John Mangan	1	1	1

Egglayer/Livebearer

Nathan Manwaring	0	44	128
Gerry Hoffman	12	25	80
Frank Angilletta	0	0	41
Rob Roser & son	0	25	34
Pete Thrift	0	0	18
Jim Long	0	0	16

cont. next page

MINUTES OF THE NOMINATING COMMITTEE

The Nominating committee met at the home of Jerry Stirman on Sept. 17, 1984 to propose the ballot for 1985. In attendance were Pat Mahoney, Amy Stirman, Ray Hughes, and myself (Alex Cummins). In attendance via telephone was Bob Roser. Listed below are the present officers and those proposed for 1985.

Title	1984	1985
President	Gerry Hoffman	Gerry Hoffman
Vive President	John Jessup	John Jessup
Treasurer	Maggi Mahoney	Ray Hughes
Rec. Secretary	Pete Tietjen	Pat Gore
Cor. Secretary	Ruth Brewer	Amy Stirman
Board of Governors	John Mangan	(thru 1985)
	Keany Warren	(thru 1985)
	Jerry Stirman	Jerry Stirman
	Darrell Holman	Alex Cummins

Thank You

Alex Cummins
Committee Chairman

ed. note- the names above are the proposals of the nominating committee only. Nominations to all positions are still open. If you wish to run for any of the above positions come to the November meeting and get someone to nominate you. J.M.

Bowl Show Standings cont.

<u>Egglayer/Livebearer</u>	month	quarter	year
Mike Rininger	0	6	14
Doug Mann	12	24	24
John Mangan	6	8	13
Robert Pallansch	0	0	6
Alex Cummins	0	0	3
Jason Kooken	0	0	1

November categories-

	Egglayer/Livebearer
Cichlids	Livebearers
Angels/Discus	Characins
New World, all other	Catfish
Mbuna	Sharks & Loaches
Haplochromis	Anabantoids
Riftlake non-mouthbrooder	Open
Open	

Plus the first annual PVAS superbowl show! ! All of the judges choice fishes from 1984 will compete against each other for the fish of the year award.

POTOMAC VALLEY AQUARIUM SOCIETY
FINANCIAL REPORT.

Balance on hand 7/23/84 \$1,513.58

Cash In:

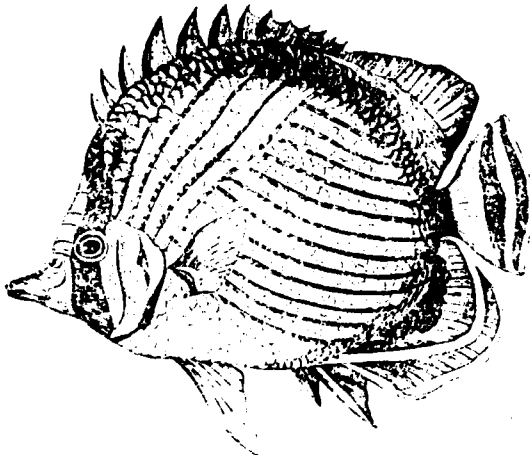
Dues	\$42.00
May Auction.....	134.17
July Auction.....	2.67
Sept. Raffle	17.00
Sept. Auction.....	27.00
	<hr/>
	\$ 322.84

Cash Out:

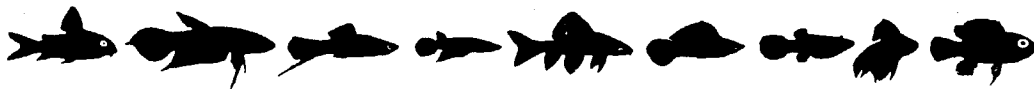
Brensiki Fund	\$25.00
August Delta Tale, print.	44.00
Sept. Delta Tale, print	44.50'
Aug. D.T. postage.....	44.40
Sept. D.T. postage.....	55.50
Picnic Supplies	33.98
Print Flyers, Posters...	
October Auction.....	66.00
President's expenses....	17.56
Banquet deposit	50.00
Check printed	19.72
Paid to Sept. Auctioners	25.34
	<hr/>
	\$ 428.50

Balance on hand 9/19/84

\$1,407.92



POTOMAC VALLEY AQUARIUM SOCIETY



POST OFFICE BOX 6219 SHIRLINGTON STATION ARLINGTON, VIRGINIA 22206

APPLICATION FOR MEMBERSHIP

DATE _____ 19__

NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____

TELEPHONE CONTACTS H _____ B _____

Number of tanks _____ Time in hobby _____

Fish you have spawned _____

What can this club do for you _____

What do you want to do for the club _____

Which sub-groups of fish interest you _____

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

Occupation _____

Membership dues for the Potomac Valley Aquarium Society are:

Family	\$12.00	Corresponding	\$7.00
Individual	\$10.00	Junior (under 18)	\$5.00

Please send application and check for dues to address above.

Potomac Valley Aquarium Society
P.O. Box 6219 Shirlington Station
Arlington, Virginia 22206

Potomac Valley Aquarium Society Meets on the Following Dates in 1984:

November 12

December 10

meetings held at the John G. Wood facility, Rt. 237 (Old Lee Hwy),
Fairfax City, in the rear of the building. Everyone is welcome.