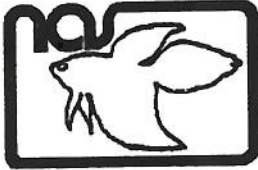


THE WET PET GAZETTE

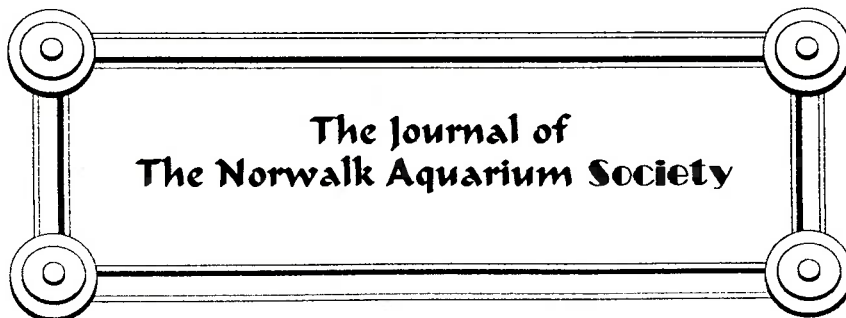
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Volume 1 Issue 1



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The Journal of
The Norwalk Aquarium Society

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The views expressed in this publication are the views of the author(s), and are not necessarily the views of The Norwalk Aquarium Society, its Officers, Directors, or Editorial staff.

We reserve the right to reject any article which are in our opinion is offensive, and/or does not promote the hobby.

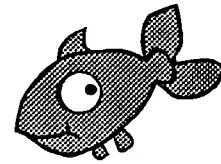
WET PET GAZETTE EXCHANGES

Norwalk Aquarium Society gladly exchanges its publication with other societies that send their publication to us. We publish nine issues a year. We send our exchange copies as bulk mail in March, June, and November

Requests and publications should be sent to:
Exchange Editor
Norwalk Aquarium Society
P.O. Box 84
South Norwalk, CT 06856



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AFFILIATIONS

N.A.S. IS A MEMBER OF THE FEDERATION OF AMERICAN AQUARIUM SOCIETIES (FAAS) AND THE NORTHEAST COUNCIL OF AQUARIUM SOCIETIES, INC. (NEC)

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STATEMENT OF PURPOSE

The Norwalk Aquarium Society is a not for profit, all volunteer organization, dedicated to the advancement, and promotion of the Aquarium hobby

REGULAR MEETINGS AND PROGRAMS

There are regular meetings on the third Thursday of each month except December. Meetings are held at The Nature Center for Environmental Activities, 10 Woodside Lane, Westport, CT. Meetings start at 8:00 PM. Each meeting includes a short business meeting, program or event, door prizes, raffles, auction, and refreshments. All regular meetings are open to the public.



A VIEW FROM UPFRONT
ED KATUSKA
NAS PRESIDENT

Summer is over and Autumn is here. It's time to empty the ponds and start the indoor activities such as tending to those fish rooms that are usually ignored during the summer months.

I would like to give a special thanks for a job well done to our former editor Sandy Drobish. Sandy, and her husband Rich, are relocating to Arizona. Best of luck to the both of you.

Mark Broadmeyer will be taking over the editor position. Articles and new ideas are needed. Mark can be contacted at (203) 834-2228. Thanks and good luck Mark.

By the time you read this our annual show and auction will be history, I hope everyone attended, and had an enjoyable time. The show committee is welcoming Your comments on some changes that we did this year such as cash prizes instead of trophies and non fish related items for raffle prizes. If anyone has any suggestions on new and different ideas for next year's show, please let us know.

The NEC will be hosting the 22nd ANNUAL CONVENTION on April 11-13th 1997. The theme this year will be Costume Party. Flyers will be available at the front and rear tables at the meeting, hope everyone will attend.

November is election month. There are many positions available, if you are interested in serving as an Officer or Director please speak up next meeting.



FROM THE DESK OF THE
EDITOR
MARK BROADMEYER
WET PET GAZETTE EDITOR

After all this time, I have learned two things about this hobby. First is never scratch your head at an auction, and second never doze off at a board meeting. The first situation was rectified by becoming an NEC Auctioneer and the second, well, now I'm the editor of the Wet Pet.

Putting together the club's publication is a task that very few have had the opportunity to undertake. It is, in my opinion, the most important club function. The Wet Pet has won numerous awards over the years and I hope to live up to its reputation. Not only do our members read our publication, but it is also sent to some 250 clubs across America. Our purpose is to educate, inform, and promote the Tropical Fish Hobby.

Your help by writing original articles will be greatly appreciated not only by me, but also by the thousands who may gain some insight from your thoughts.

You have noticed by now that the format has changed. I hope you like it. This issue is the first and I must confess done under duress of time constraints. Future issues will have much to offer your weary eyes.

I would like to give a fond farewell to Sandy and Rich Drobish. They will be sorely missed. Sandy, with Rich at her side, jumped right in to take over the Wet Pet not too long ago, and although kicking and screaming the whole way, did a tremendous job of putting the Wet Pet back on the right track. Its not often than members appear who give so much of themselves for others.





PROGRAMS, PROGRAMS, PROGRAMS

ANNE BROADMEYER - PROGRAMS CHAIRPERSON

Thanks to all who participated in the survey this month. I'll let you know what you asked for next month. Our thanks to Wally Bush for a great program. Hopefully, everyone got inspired to show their fish at our show!

October 17 Breeding Fish (with a look at Killifish) by Dan Katz. Dan has been breeding fish, especially Killifish for a number of years. Watch Killifish hatch before your eyes during his program!

November 21 Fancy Guppies by Basil Holubus. It's been a long time since we've had a good guppy breeder in our club. Come see Basil's new program on 'Everything you should know about Guppies'.

December MERRY CHRISTMAS. No meeting

January 16, 1997 Home Show Program and Awards. This is your opportunity to view the home tanks which are entered in the November Home Show Contest. (Hint. Show your tank in November and the program will be spectacular!!!!) Mark Keitel and Joe Canna will be masters of ceremony.

February 21 1997 Dr. Pete's Fix-it Night by Pete Schaumberg of the Salty Society. Pete visited us about a year ago and you all were so interested in his program that he only got half way through! In this program he will show how to fix many items in the hobby.

THIS MONTH AT A GLANCE

October

1996

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4 NAS	5 NAS
6 NAS	7	8	9	10	11	12
13	14	15	16	17 NAS	18	19
20 NHAS LIAS	21	22	23	24	25	26
27 NEC BOD	28	29	30	31	NOV 1 NJAS	NOV 2 NJAS

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CONTEST

**LOGO CONTEST RULES FOR THE
NEC's 22nd ANNUAL CONVENTION**



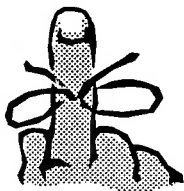
- 1) Artist must be a member of an NEC club.
- 2) Entry must be an original drawing. (Never used before)
- 3) Entry must be submitted by the artist. Please send two copies of each entry, one signed and one not signed.
- 4) The design should follow the theme of this years banquet, Costume Party, and be submitted in black and white. We also recommend the artist submit a copy of the entry using four colors in the design. (Black outlining, if used, counts as one color)
- 5) The winning logo, as decided at the December NEC meeting, will appear on the cover of the Annual Convention program and on the AC T-shirts, and may be used in all 22nd AC publicity.
- 6) The winner will receive a free T-shirt and free registration for the 22nd Annual Convention.
- 7) The deadline is December 1, 1996. All entries must be in the hands of an AC Committee member by this time. You may mail your entry(s) to Janine Banks / RR 3 Box 1548 / Hinesburg, VT 05461.

ELECTION NOTICE

The annual election of the officers and directors of The Norwalk Aquarium Society will be held on November 21, 1996 at the regular meeting held at The Nature Center For Environmental Activies 10 Woodside Lane, Westport at 8:00 pm . All members are urged to attend.

NORTHEAST COUNCIL OF AQUARIUM SOCIETIES, INC.

The Northeast Council of Aquarium Societies has announced that the 22nd Annual Convention will be held on April 11 - 13th, 1997. Eleven Speakers will be giving programs throughout the day Saturday. Manufacturers and vendors will have displays. A silent dry goods auction on friday night, A giant auction will be held on Sunday. For further information contact Janine Banks, convention chairperson at 802-482-3616



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WHAT'S ON THE CALENDAR

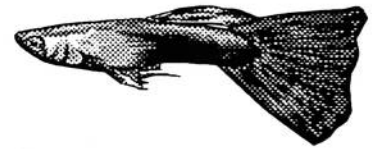
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|-----------------|-------|---|
| OCTOBER | 20 | NEW HAMPSHIRE AQUARIUM SOCIETY (NHAS) ANNUAL AUCTION |
| | 20 | LONG ISLAND AQUARIUM SOCIETY ANNUAL AUCTION - 1:00 PM - BABYLON TOWN HALL ANNEX, 281 PHELP'S LANE, BABYLON, NY - INFO VINNY 516-938-4066 |
| | 27 | NORTHEAST COUNCIL OF AQUARIUM SOCIETIES BOARD MEETING - YORK STEAK HOUSE - AUBURN, MASS. |
| NOVEMBER | 1-3 | NORTH JERSEY AQUARIUM SOCIETY WEEKEND EXTRAVAGANZA ALL SPECIES SHOW AND WORKSHOP - 2 GIANT AUCTIONS - BANQUET
CALL DORI 201-432-1042 |
| | 7 | NAS BOARD MEETING - SAL SILVESTRI'S |
| | 17 | AQUALAND AQUARIUM SOCIETY AUCTION - BONNIE ACRES, BRISTOL CT |
| | 22-24 | OHIO CICHLID ASSOCIATION'S 11TH ANNUAL NORTHEAST OHIO CICHLID EXTRAVAGANZA - CICHLID AND SCAVENGER SHOW AUCTION SPLIT 70/30
CALL MARK DEWERTH 216-816-0125 |
| DECEMBER | 5 | NAS BOARD MEETING - ED KATUSKA HOME |
| | 8 | NORTHEAST COUNCIL OF AQUARIUM SOCIETIES 2nd QUARTER MEETING
FARMINGTON MARRIOTT HOTEL |
| 1997 | | |
| JANUARY | 12 | NEC BOD MEETING, YORK STEAK HOUSE, AUBURN, MA |
| FEBRUARY | 2 | NORWALK AQUARIUM SOCIETY'S BENEFIT AUCTION FOR THE N.C.E.A. |
| | 16 | PIONEER VALLEY AQUARIUM SOCIETY ANNUAL AUCTION, KNIGHTS OF COLUMBUS HALL, ENFIELD, CT |
| MARCH | 5 | NEC 3rd QUARTER MEETING , FARMINGTON MARRIOTT HOTEL |
| | 9 | EXOTIC FISH SOCIETY OF HARTFORD ANNUAL AUCTION, UCONN MEDICAL CENTER, FARMINGTON, CT |
| | 15 | NEW ENGLAND KILLIFISH ASSOCIATION ANNUAL BOWL SHOW |
| APRIL | 11-13 | NORTHEAST COUNCIL OF AQUARIUM SOCIETIES 22nd ANNUAL CONVENTION - HARTFORD MARRIOTT HOTEL, FARMINGTON, CT - 11 SPEAKERS - ANNUAL AWARD BANQUET - AUCTIONS - MFG'S DISPLAYS -
CALL JANINE BANKS 802-482-3616 |
| | 27 | BOSTON AQUARIUM SOCIETY ANNUAL EVENT, WEYMOUTH ELK'S HALL |
| MAY | 2-4 | TROPICAL FISH CLUB OF BURLINGTON, ANNUAL SHOW AND AUCTION, BURLINGTON, VT CALL JANINE BANKS 802-482-3616 |
| | 18-20 | AQUALAND AQUARIUM SOCIETY 24th ANNUAL SHOW AND AUCTION, BONNIE ACRES, BRISTOL, CT |



FANCY GUPPIES - MY OLD FAVORITE

by

BASIL HOLUBUS
NORWALK AQUARIUM SOCIETY



Everybody, well almost everybody, in a fish club has has guppies. Very often it would be your first fish !. At least that is how it was in my case. I think I was about ten years old, when my father took me along to the local pet shop to sell some puppies. While he was talking dogs, I remember just staring into tanks filled with colorful fish. You guessed it BETTA'S.

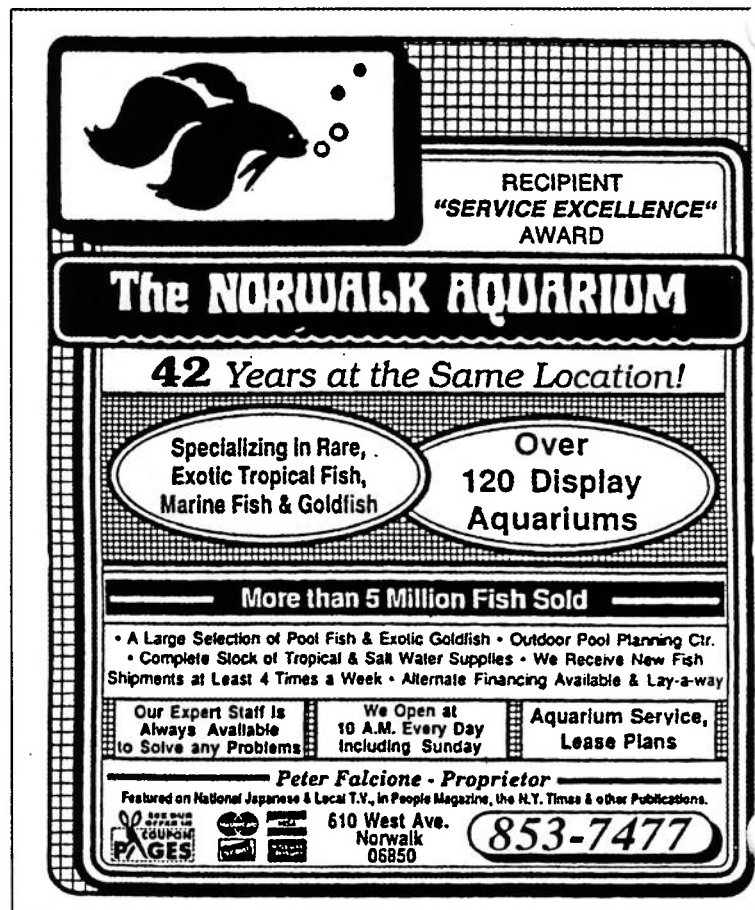
Anyway, Dad got the idea that I was a young "gill head" and when Christmas rolled around A ten gallon starter kit under the tree. Oh Boy! Do you remember those old Metaframe tanks, with the stainless steel reflector that burned your arm every time you reached over it !

Back to the subject at hand Guppies. Dad filled the tank, set the temperature to 76 Degrees, and off we went for fish. We went back to the same pet shop and hooked up with Ed, the stores owner. He sold us a tank full of fish. Kissing Gouramis, a Beta, and some fancy Guppies. Everyone made it home, and swam happily around their new home. Then ! two days later, the kissing gouramis had millions of white spots on them - ICH !!!! HELP!!!! ED !!!! . Ed prescribed medication which effectively cured the outbreak.

It was now time for more fish. I had only lost my guppies to the killer disease. Another trip down to see Ed. He had more guppies in. Black, with yellow and black tails. They were the nicest looking fish I had seen yet. Definitely a must have situation. We bought a trio, 1 male and 2 females. The females were busy giving birth to guppy fry on the way home! I remember loving to keep them in my coat to keep them warm, and checking on them every few minutes to see if they had any more fry.

A few more trips to Ed's and we now would have three ten gallon tanks, a plastic breeder trap which boiled fish under the reflector, and a lot of guppies. In fact I was the king of guppies. I was selling them to the stores, and to the kids at school. I also learned a good lesson, never take a check from a ten year old drawn on his fathers account ! Only take cash.

Well I learned a lot, about guppies, over the next 27 years. If you want to know more about Guppies, come see my Guppy program at the November meeting. I will be bringing along some "REAL GUPPIES" to be auctioned off. See you there !



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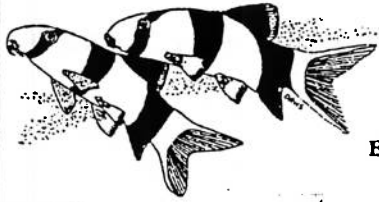
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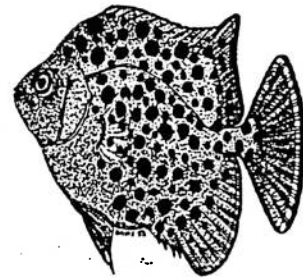
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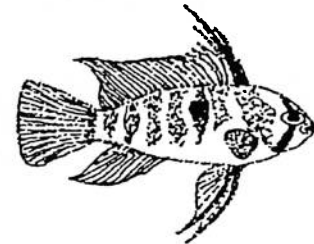
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TENTATIVE SCHEDULE OF NJAS EVENTS

FRIDAY

6:00 P.M.

REGISTRATION OF FISH BEGINS.

7:00 P.M.

ERNST HOFFMAN (Aquatic herps)

8:15 P.M.

ALLEN BRELIG (Fishy Quiz w/prizes)

9:30 P.M.

AN ALL DRY GOODS AUCTION

SATURDAY

9:00 A.M.

REGISTRATION OF FISH CONTINUES, VENDOR ROOM OPENS

10:00 A.M.

ALLEN BRELIG (Garden Ponds)

11:15 A.M.

PAUL LOISELLE (Cichlid Conservation)

12:30 P.M.

ROSARIO LACORTE (Killies)

1:45 P.M.

CHARLIE GRIMES (Dead Fish, Fact or Fantasy)

3:00 P.M.

AL CASTRO (Tetras)

4:15 P.M.

MARK BROADMEYER (Filtration)

5:30 P.M.

RAY LUCAS (Fish Nutrition)

8:00 - 11:30PM

AWARDS BANQUET, FULL BUFFET WITH WAYNE LIEBEL SPEAKING ON SOUTH AMERICAN CICHLIDS (TICKETS FOR THE BANQUET ARE \$26.00 PER PERSON)

SUNDAY

10:30 A.M.

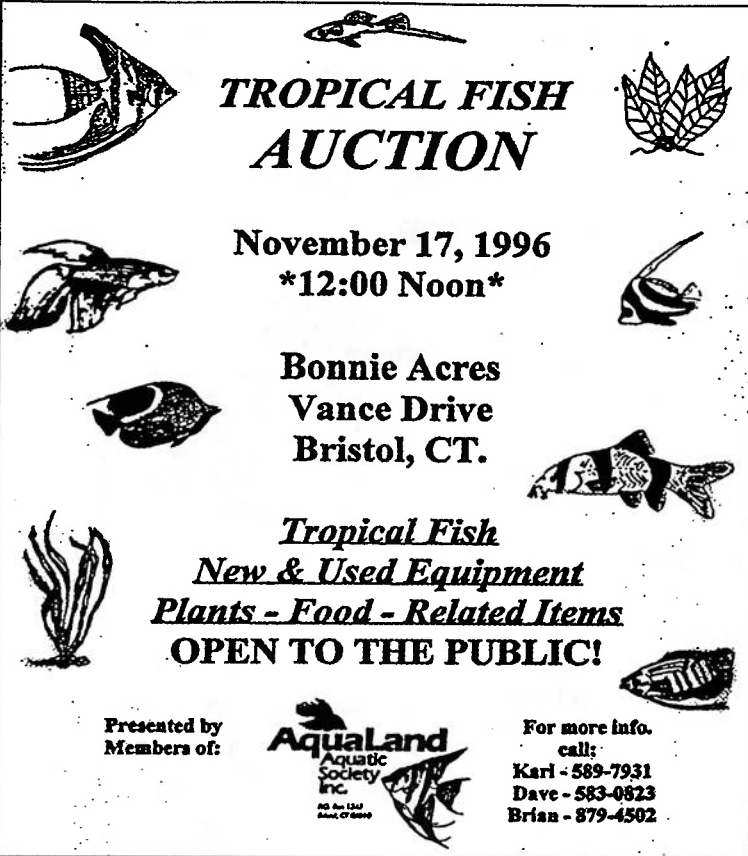
REGISTRATION OF AUCTION FISH BEGINS

11:30 A.M.

VIEWING OF AUCTION FISH

1:00 P.M.

GIANT TROPICAL FISH AUCTION


TROPICAL FISH AUCTION

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WORD JUMBLE

P O T E H R U S

N O F O R A S T

L A T P N



PHYSIOLOGICAL DIFFERENCES BETWEEN FRESHWATER AND SALTWATER FISHES

BY

DON JOHNSON

NORWALK AQUARIUM SOCIETY REPRINT

The topic of this article is supposed to be the difference between freshwater and saltwater fishes. I can sum that up in a sentence: freshwater fishes do not drink water; saltwater fishes must drink water.

The volume of water inside of a fish (found mostly in the blood, as with almost all vertebrates) along with its concentration of organic and inorganic solubles must be closely controlled. These solubles consist of nutrients and products of metabolism (organic) and oxygen, carbon dioxide, and electrolytes including Na^+ , Cl^- , HCO_3^- and Ca^{2+} (the inorganics). Fish must constantly strive to be in osmotic equilibrium with their environment. In freshwater fishes, this means that some mechanism must be present to prevent needed electrolytes from diffusing through cell walls and into the water. In marine fishes, the reverse is true. In both fresh and salt water, the main regulating mechanism is the kidney but, as we'll soon see, the process is far more complicated in saltwater fishes.

In freshwater fishes, the kidney functions largely to excrete water. In the saltwater forms, the kidney serves largely to regulate excretion of magnesium and sulfate ions. The sharks, skates and rays are termed "hyperosmotic" and their kidneys combine both functions. Then too, many fishes are euryhaline, (moving from fresh to salt water and back again). Examples include sticklebacks, salmon and eels, to name only a few. Such fishes must possess kidneys capable of switching from water excretion to water conservation and divalent (an element having two atoms with which another element can combine) ion excretion, and back again.

A marine environment forces a water loss from body fluids due to the difference in osmotic concentrations. This fluid loss comes from the skin and gills. The kidney

loses water only to a minor extent since it has to produce enough urine to get rid of metabolic wastes.

To make up for this loss of fluid, marine fishes drink sea water. For the handful of fishes actually studied to determine their rate of water ingestion (12 species), the rate of drinking is between 0.3 - 1.5% of body weight per hour. After swallowing sea water, the fish extracts water from the brine along different segments of its intestinal tract. Monovalent ions are extracted along with the water. Time out for a chemistry course refresher: Valence represents the number of atoms of one element with which an atom of another element may directly combine. Every element except the six inert elements has a valence number, a whole number not more than eight. An element which has a valence of 1, such as hydrogen or chlorine, is said to be monovalent.

Tests, using rainbow trout, show that for these fish at least, between 60-80% of the water in the ingested salt solution was absorbed and 95% of the salt that was absorbed was sodium chloride. Later tests on flounder showed similar results.

Now what happens to all that absorbed sodium chloride?

We saw earlier that divalent ions are excreted by the kidneys. NaCl (sodium chloride for those who never took chemistry, or who like me took it too many years ago) is a monovalent ion. How do saltwater fish get rid of it? NaCl is eliminated across the gill epithelial surface. The turnover rate will vary for different salinities of water; or more precisely, its sodium content.

This, believe it or not, is greatly simplified description of what happens. Fish over the millennia have evolved adaptations to insure their survival in wide variety of waters. Some of these mechanisms are

still only partly understood with new discoveries being made regularly.

Excretion is a normal process of all living animals. Unfortunately for fishes living in closed systems, it also results in a slow poisoning of their environment.

Only a small portion of the total nitrogen excreted by fishes appears in the urine. The greatest amount of nitrogen is excreted across the gill in the form of ammonia -- as much as 6-10 times as in all the nitrogenous compounds formed by the kidneys. The gills also serve to excrete other highly diffusible waste products such as urea and amine or amine oxide derivatives. Studies dating back to 1931 have shown that ammonia is the chief end product of nitrogen metabolism of all aquatic animals, both freshwater and marine; simplest to most complex organism.

The pH difference that exists between the internal and external environments of aquatic animals is thought to be a significant factor in determining the rate of ammonia elimination. For example, alkaline sea water would tend to retard and acidic freshwater accelerate diffusion of ammonia into the surrounding environment. This should indicate to an aquarist that there is a vital need for regular water changes combined with the use of activated carbon to control the amount of free ammonia in an aquarium. Ammonia is highly toxic. I should not have to point out that the excretion of ammonia is also a reason to make frequent pH checks and, when necessary, pH adjustments in a closed system. The excretion of ammonia also, in freshwater fishes, aids in sodium uptake, necessary to maintain critical internal salt and water balance.

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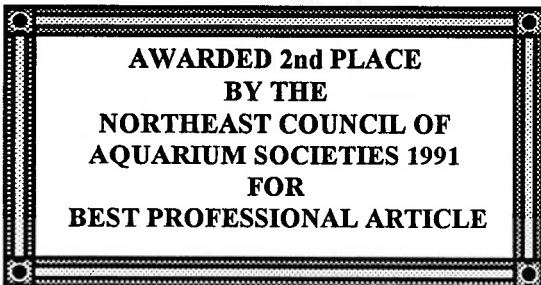


PHYSIOLOGICAL DIFFERENCES
CONT FROM PAGE 11

The cartilaginous fishes, since their earliest evolution, have always practiced internal fertilization. (How do we know? Fossil male sharks possess claspers). To protect developing embryos, some of which may develop for up to two years, the longest gestation of any vertebrate, from ammonia toxicity, the embryos convert ammonia into urea until they are capable of living independently.

The comparatively naked eggs of teleosts, on the other hand, dispose of ammonia by diffusing it into the water. In livebearing teleosts, ammonia is passed across fetal membranes into the mother's blood for eventual disposal by her gills. Purely freshwater cartilaginous fishes, such as the South American stingrays, have abandoned urea retention entirely. Other fishes such as the African and South American lungfishes and the mudskippers have ammonia or urea conversion systems which operate depending upon whether the fish is on land or in water; and in the case of the mudskippers, depending on the salinity of the water they're in.

There are other minor excretory products produced by both fresh and salt water fishes but I think a discussion of these at this time would only be confusing. None of these products is toxic in itself though any accumulation of wastes, of course, will lead to a lowering of pH and a potentially dangerous problem in a closed system.



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The Internet World Wide Web has taken the world by storm. Each month we will publish addresses of aquarium hobby related sites. Have you found an interesting site you would like to share? Send us the the address.

NORTHEAST COUNCIL OF AQUARIUM SOCIETIES
<http://www.cadvision.com/nolimits/nec.html>

THE AQUATIC GARDENERS ASSOCIATION
<http://www.cco.caltech.edu/~aquaria/AGA>

THE TROPICAL FISH CLUB OF BURLINGTON HOMEPAGE
<http://bionmr.med.uvm.edu/tfcb>

FINS
<http://www.actwin.com/fish>

TROPICA AQUATIC PLANTS
<http://www.tropica.dk>

THE EXOTIC FISH SOCIETY OF HARTFORD
<http://members.gnn.com/WMercer/efsoh.htm>

DFH AQUATIC ENGINEERING
<http://ourworld.compuserve.com/homepages/dfh>



AQUARIAS DAY '97

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THERE WILL BE REFRESHMENTS AVAILABLE
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GENERAL PUBLIC WELCOME

NEW PRODUCTS UPDATE

The Wardley's Corporation has announced it new food **TOTAL COLOR**. Total Color is a color enhancing food which utilizes natural carotenoid pigments which enhance yellows, reds, and oranges within 4 to 6 weeks of feeding.

A new book written by our own member Robert Metelsky called **SIMPLIFIED REEF KEEPING** is now available. I highly recommend, that if you are interested in undertaking a mini reef tank, you obtain this book first. It is written based on his own experience of reef keeping, and will help you eliminate any pitfalls. This book is easy to read and understand. For further information refer to his ad in this publication.

Geo Flex Co, Ltd has introduced **GEO LIQUID**. Geo Liquid removes many toxins from fresh and saltwater, balanced trace elements and minerals, and improves overall water quality naturally. This is a must try product. available now at The Fish Bowl, and The Norwalk Aquarium. See their ads in this publication.

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FISH

A poem by Patty James

I Think that I would never wish
To be a big or little fish,
In lake or ocean water cools
Not understanding me are cruel.

I hungrily might overlook
The danger in a baited hook
And never learn the reason why
Me do not mind to see me die.

Great men have studied and have found
That fish respond to light and sound,
Their sight and sense of smell is keen,
They're swift and playful, bright and
clean.

A fish who is deprived of breath
Will squirm and gasp himself to death,
As we need air - a fish must be
Within a river, lake or sea.

Like other beasts of sea and earth
Fish have fierce enemies from birth,
But none ferocious as cruel man
Whose crimes the mighty oceans span.

Men dump atomic fall-out waste
Whose poisons cannot be erased,
Or test their bombs, the sea within,
Polluting all the life therein.

Brave men research the ocean's floor,
Revealing things not known before,
They wish to learn - and not ensnare
Or harm the living wonders there.

Why can't all humans be humane
And cause no living creature pain?
For animals are sensitive
And have a right like man to live.

Yet some men hunt with spear and rod
And think its fun to hook and prod
They care not for the pain they bring,
To some poor helpless living thing.

They kill for pleasure, pride, or greed,
And seldom out of basic need,
And hope for victims not too small
To stuff and hang upon their wall.

I know that I would never wish
To be a big or little fish
In ocean water or in fresh
For men might want to eat my flesh.

While swimming in a pond or brook
I might be fooled by baited hook....
And though in pain I could not cry
To show I do not want to die!

THIS POEM WAS REPRINTED FROM
THE NORTH JERSEY AQUARIUM SOCIETY PUBLICATION
THE REPORTER - AUGUST/SEPTEMBER 1995





BUILDING A CO₂ REACTOR

by
TED COLETTI
NORTH JERSEY AQUARIUM SOCIETY

Building a Homemade CO₂ Reactor

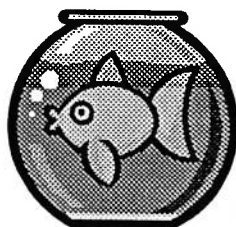
This reactor may not be effective or precise as the fancy kinds, but it does work. To make your homemade CO₂ reactor, get yourself a plastic 2 liter soda bottle. Fill it with lukewarm water leaving 4 inches at the top. Add 2 cups sugar and shake vigorously. Add 1-2 teaspoons FRESH yeast. Put the cap back on and drill a hole in the top of the cap. Feed an airline in through the cap and make sure it's a snug fit. On the other end of the airline add a shut-off valve and close it shut. Feed another airline from the valve to your tank. You can hold the tube in your tank with one of those handy suction cup tubing holders. Place this bottle as high as possible or create a drip loop to prevent back-flow.

After about an hour, turn the valve to the "on" position. You should start seeing bubbles coming into your tank. That's CO₂ and your plants will thank you. Some hobbyists make a diffusion chamber to increase contact time with the water. They bubble the CO₂ into an upside down bottle, jar, or even a horizontal tube or filter outflow.

When the lights are off, plants respire like their fish neighbors and do not need CO₂. Indeed, they release it as a waste product at this time. Don't waste your "homebrew." Turn off the valve with the lights when you can.

After about a week to 10 days, you will have to make a fresh batch of this brew. My plants have reacted favorably to these little gadgets. Yours will too. Give this homebrew a try!

THIS ARTICLE IS AN EXCERPT FROM AN ARTICLE "STARTING AGAIN WITH PLANTS"
BY TED COLETTI PUBLISHED IN THE NORTH JERSEY AQUARIUM SOCIETY PUBLICATION
THE REPORTER AUGUST/SEPTEMBER 1995





31st ANNUAL SHOW HIGHLIGHTS

THE BEST OF THE BEST

BEST OF SHOW

POECILIA RETICULATA
BASIL HOLUBUS
NORWALK AQUARIUM SOCIETY
SPONSORED BY
WALTER & SUE BUSH

RESERVE OF SHOW

SAL SILVESTRI
NORWALK AQUARIUM SOCIETY

BEST CICHLID

SAL SILVESTRI
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CLASS/PLACE	WINNER	CLUB	SPONSOR
BETTA MALE			<i>JOE CANNA</i>
1ST PLACE	KIM LAGANA/ CHRIS APREA	NAS	
2ND PLACE	MEGAN STONE	EFSOH	
3RD PLACE	KIM LAGANA/ CHRIS APREA	NAS	
CORYDORAS, BROCHIS, ASPIDORAS			<i>BASIL HOLUBUS</i>
1ST PLACE	JOSEPH FREDENZI	GCAS	
2ND PLACE	DAVIS STONE	EFSOH	
3RD PLACE	JOHN BAAD	SCALES	
LORICARIIDAE			<i>BROADMEYER FAMILY</i>
1ST PLACE	JOHN BAAD	SCALES	
2ND PLACE	JOHN BAAD	SCALES	
3RD PLACE	DAVID & JANINE BANKS	TFCB	
CATFISH OTHER			<i>THE DEMENT FAMILY</i>
1ST PLACE	MICHELE ROMEO	LIAS	
2ND PLACE	JOHN BAAD	SCALES	
3RD PLACE	JOHN BAAD	SCALES	
SYNODONTIS			<i>CAROL A. ODDI</i>
1ST PLACE	DAVID & JANINE BANKS	TFCB	
2ND PLACE	VIRGINIA RIDER		
3RD PLACE	JOHN BAAD	SCALES	
COMMUNITY TANK			<i>DON BARBOUR</i>
1ST PLACE	KIM LAGANA/ CHRIS APREA	NAS	
2ND PLACE	KIM LAGANA/ CHRIS APREA	NAS	
ANGELFISH, DISCUS, UARU, NEW WORLD OVER 4"			<i>DANBURY AREA AQUARIUM SOCIETY</i>
1ST PLACE	BASIL HOLUBUS	NAS	
2ND PLACE	RICHARD MARINO	DAAS	
3RD PLACE	DON BARBOUR	NAS	

1999 SHOW RESULTS



CLASS/PLACE	WINNER	CLUB	SPONSOR
CHARACINS			
1ST PLACE	NESTOR ANSELM	NAS	
2ND PLACE	SAL SILVESTRI	NAS	
3RD PLACE	DAVID STONE	EFSOH	
HAPLOCHROMIS, AULANACARA, MBUNA			<i>ED SCHILDNECHT</i>
1ST PLACE	SAL SILVESTRI	NAS	
2ND PLACE	SHEMYA BRYANT		
3RD PLACE	MARYEVE BRILL	NAS	
CICHLID UNDER 4" NEW WORLD			<i>ED KATUSKA</i>
1ST PLACE	ED KATUSKA	NAS	
2ND PLACE	WALTER & SUE BUSH	ALAS	
3RD PLACE	RICHARD MARINO	DAAS	
CICHLIDS TANGANYIKAN			<i>RICK MARINO</i>
1ST PLACE	SAL SILVESTRI	NAS	
2ND PLACE	DON BARBOUR	NAS	
3RD PLACE	RICHARD MARINO	DAAS	
ANABANTOIDS OTHER			<i>BOB & JENNE PELIKAN</i>
1ST PLACE	MICHAEL KRASILOVSKY	NAS	
2ND PLACE	ED KATUSKA	NAS	
3RD PLACE	DAVID STONE	EFSOH	
KILLIEFISH			<i>BILL & KATHY PONTIN</i>
1ST PLACE	DAVID & JANINE BANKS	TFCB	
2ND PLACE	DAVID STONE	EFSOH	
3RD PLACE	ED SCHILDNECHT	NAS	
EGGLAYER OTHER			
1ST PLACE	DAVID STONE	EFSOH	
2ND PLACE	MARK & ANNE BROADMEYER	NAS	
3RD PLACE	MARYEVE BRILL	NAS	



CLASS/PLACE	WINNER	CLUB	SPONSOR
<i>SHARKS, LOACHES, BOTIAS</i>			<i>THE DEMENT FAMILY</i>
1ST PLACE	DAVID & JANINE BANKS	TFCB	
2ND PLACE	DAVID STONE	EFSOH	
3RD PLACE	JOHN BAAD	SCALES	
FAMILY TANK			<i>THE TROPICAL FISH CLUB OF BURLINGTON</i>
1ST PLACE	GENE HARRIS	NAS	
2ND PLACE	ELIJAH FINLEY JR	NAS	
3RD PLACE	DEMI KEITEL	NAS	
<i>GOLDFISH OTHER</i>			<i>JOSEE HOLUBUS</i>
1ST PLACE	JAMES IORIO	DAAS	
2ND PLACE	JAMES IORIO	DAAS	
3RD PLACE	KIM LAGANA/ CHRIS APREA	NAS	
<i>GUPPY FEMALE</i>			
1ST PLACE	BASIL HOLUBUS	NAS	
2ND PLACE	BASIL HOLUBUS	NAS	
3RD PLACE	JOSEPH LAMBERT		
<i>LIVEBEARER OTHER</i>			
1ST PLACE	JOHN BAAD	SCALES	
2ND PLACE	ED KATUSKA	NAS	
3RD PLACE	ED KATUSKA	NAS	
<i>SWORDS, PLATYS, MOLLIES</i>			<i>GREATER CITY AQUARIUM SOCIETY</i>
1ST PLACE	BASIL HOLUBUS	NAS	
2ND PLACE	ELIJAH FINLEY JR	NAS	
3RD PLACE	ELIJAH FINLEY JR	NAS	
<i>MISCELLANEOUS PAIRS</i>			
1ST PLACE	MARK & ANNE BROADMEYER	NAS	
2ND PLACE	JOLIE KEITEL	NAS	
3RD PLACE	DAVID & JANINE BANKS	TFCB	

**SHOW**

NOVICE			
1ST PLACE	DEMI KEITEL	NAS	
2ND PLACE	DEMI KEITEL	NAS	
3RD PLACE	ROSS FRABONI		
NOVELTY TANK			SANDRA & RICH DROBBISH
1ST PLACE	THERESA BAAD	SCALES	
PHOTOGRAPHY			
1ST PLACE	BILL TENCA	NAS	
2ND PLACE	BILL TENCA	NAS	
3RD PLACE	SAL SILVESTRI	NAS	
PLANTS			
1ST PLACE	JOSEPH FREDENZI	GCAS	
2ND PLACE	SHEMYA BRYANT		
3RD PLACE	DAVID & JANINE BANKS	TFCB	
RAINBOWFISH			SAL SILVESTRI
1ST PLACE	MARYEVE BRILL	NAS	
2ND PLACE	DAVID & JANINE BANKS	TFCB	
3RD PLACE	ED KATUSKA	NAS	
GUPPY MALE			CHARLIE GRANDEL
1ST PLACE	BASIL HOLUBUS	NAS	
2ND PLACE	JOHN BAAD	SCALES	
3RD PLACE	DEMI KEITEL	NAS	

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