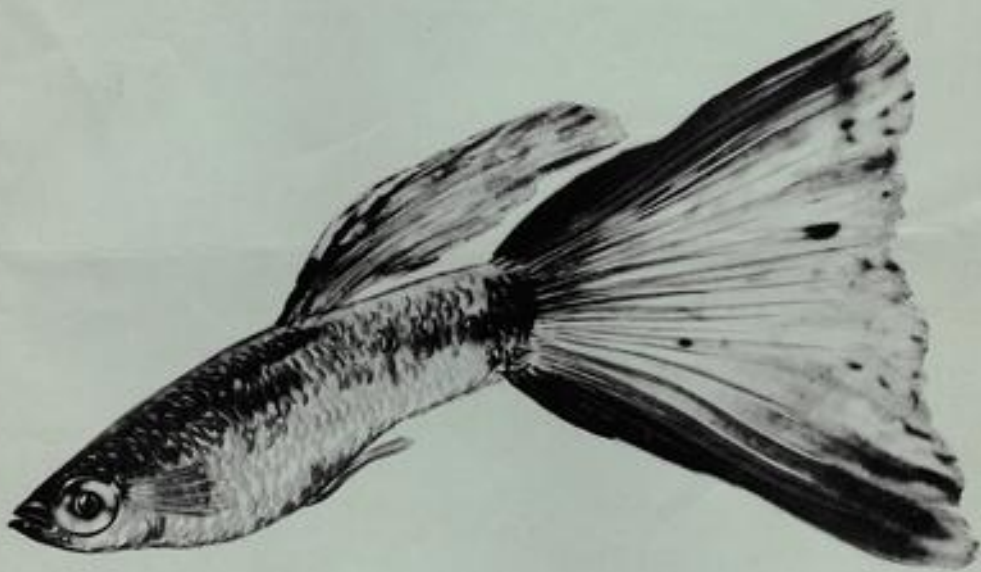


**NORTHEASTERN INDIANA
AQUARIUM SOCIETY**



NEWS BULLETIN

PURPOSE

Established in 1957, The Northeastern Indiana Aquarium Society, Inc., is a non-profit organization dedicated to further the interests of aquatic life.

AFFILIATIONS

Member of the International Federation of Aquarium Societies and the Central United States Aquarium Clubs--Region 7, TIFAS.

OFFICERS

January 1965 through December 1965

President. . . .Miss Sandra Dentzer, 1655 Third Street, Ft. Wayne, Ind.
President-Elect.Mr. Bruce Stevenson, 4932 Stoney Run Court, Ft. Wayne,
Secretary. . . .Mrs. MaryAnn Stevenson, 4932 Stoney Run Court, Ft. Wayne
Treasurer. . . .Miss Jane Dentzer, 1655 Third Street, Ft. Wayne, Ind.
C.U.S.A.C. Rep. Mr. Fred Bolinger, Sr., 1044 Charles St., Huntington, Ind.

BOARD OF GOVERNORS

Mr. Clarence Braun	'66 incl.	Mr. Luane Wake	'65 incl.
Miss Jane Dentzer	'66 incl.	Mr. Fred Pehlke	'65 incl.
Mr. Delbert Frecker	'67 incl.	Mr. Clarence Coomer	'67 incl.

MEETINGS

First Sunday of each month at 2:00 pm E.S.T. at the Peoples Trust and Savings Bank Building, Waynesdale Branch, 2601 Lower Huntington Road Fort Wayne, Indiana.

MEMBERSHIP DUES

Family.....	\$4.00	September through August	
Single.....	\$3.00	Junior (15 yrs. and under)....	\$2.00
Corresponding	\$2.00		

The views expressed herein are not necessarily those of the Northeastern Indiana Aquarium Society, Inc.

The News Bulletin is the official publication of the Northeastern Indiana Aquarium Society, Inc. Permission is granted to copy any article, provided credit is given the author and the N.I.A.S. News Bulletin, unless otherwise stated. We will exchange bulletins with other aquarium societies upon request. Exchange bulletins should be sent to Miss Sandra Dentzer, 1655 Third Street, Fort Wayne, Indiana.

EDITOR. . .J.George Mannisto, 925 Nuttman Avenue, Fort Wayne, Indiana

STAFF

Miss Sandra Dentzer....Exchange Editor;-Mrs.Marian Mannisto,Duplicator
Mrs. Dorothy Schweyer; Mr. Billy Malone; Miss Jane Dentzer; Mrs.Marilyn Robinson,Typist.

Advertising Rates: Full page. . . \$20.00 per year; Half page. . . \$12.50 per year; Spot Advertising. . . 25¢ per line or any portion thereof.

October, 1965
Volume III, No. 10

PRESIDENT'S MESSAGE

Fellow Aquarists;

It certainly seems like we had a short summer, doesn't it? It is nearly October already. If those of you who have fish outside haven't taken them in yet, I strongly advise you to do it as soon as possible. The weather may suddenly turn cold and you would risk losing all those nice fish.

Jane and I won't be able to be at the October meeting, but I am sure the Stevensons will do a good job of filling in for us while we are gone.

I was especially pleased with the fine turnout for the bowl show at our September meeting. In addition to several fine pairs of catfish there were many varieties represented, too. I hope many of these fine specimens will be shown at our big show in November. Let's have an equally good or better turnout of Gourmies for the October bowl show.

The month of October is also the month for the "White Elephant" Sale. If you can get it in through the door bring it. The items need not be connected with the hobby. There are still about a dozen or so jars of that good fishfood left. Be sure to bring along some money for bidding.

Sandy Dentzer
resident, N.I.A.S.

NOTE: Changes on show entry blank. . .GUPPYS to be shown in pair with ONLY MALE to be JUDGED.

DUES! DUES! DUES!

According to the motion passed at our last meeting, members whose dues are due will have their names published in the Bulletin. All dues are due one year from the time the member joined the club or last paid his dues. Two months grace will be allowed before a member is dropped from the rolls. This will be a service of the News Bulletin since many people wish to be reminded when their dues are due.

Edwin Allen	Sandy Dentzer	V.B. McSpadden
Bob Brewer	Ron Divelbiss	George Mannisto
Ralph Breimeier	Clyde Elsten	Bruce Stevenson
Betty Lou Clark	Delbert Frecker	Howard Sadtler
Oscar Coe	Sandy Fox	Bill Tophann
Mark Critchfield	Kay Goss	Bob Tophann
Terry Twigg		

BULLETIN BYLINES

by Sandy Dentzer

Aquatic Net Digest (September)--Decatur Illinois Aquarium Society
This month's issue carries a number of articles on a wide variety of subjects connected with our hobby. "Fresh Air and Fun" by Jim Kelley just goes to show you what lengths people will go to pull the wool over the eyes of the gullible public. "The Cryptocorynes" by M. Dewhurst, M.D. gives 10 good points to follow for successfully maintaining crypts in your tank. The first spawning of the red cichlid has occurred here in the U.S. at the Belle Isle Aquarium in Detroit, Michigan. In

order to preserve this first spawning of these beautiful fish in the U.S. the babies were removed to another tank after they were free swimming. Curator Robert McCree has every hope that they will spawn again and says this time the babies and parents will not be separated. Frank Laves talks of "spotlighting in Aquariums". The use of Frank's 12 volt lighting system results in small bulb size, brightness, good light penetration through water, less heat transferred to the water, and most important no electrical shocks. In "A Salty Story" by Don Hohenstein reveals the opinion of several veterinarians dealing in treatment of diseases of birds and fish that a nickels worth of table salt was better in the treatment of many diseases than all of the new and exotic miracle drugs. Another article on a sometimes hard to maintain aquatic plant "Cape Fear Spatterdock" by Al Seguin also appears. Al recommends it's use in killie tanks as the plant and fish both have similar environment requirements. Rounding out the issue is a reprint of one of Dians Schofield's monthly articles written for Tropicals Magazine.

Canadian Aquaria (September)

This excellent newsletter from our northern neighbor also boasts a variety of good articles. A real good article on "Cichlids" in general by Karl Nurnburg starts this issue off. A reprint by Ella Pittman on "Snails" gives the pros and cons for snails. Another reprint on "Breeding *Jordania Floridae*" (the Florida flagfish) by James O. Ward describes this interesting native fish. Although it is rarely if ever seen in fish stores around here I notice it is always listed by one or more companies in some English hobby magazines I receive. The same thing is true of the Black Banded Sunfish which is very popular with German aquarists. Two other articles, one on barbs and one on live bearers are also of interest.

Driftwood (September)--Aquarists of Omaha

An interesting article on "Sleep" by Roy Anderson describes the sleeping habits of some of your finny friends and appears in the N.I.A. S. News Bulletin this month. This month seems to be a good one for articles on "Cichlids". I also note this club is planning their first show and that "Driftwood" will have a new editor next month...Glenn Finney.

Fin Flash (September)--Lincoln Exotic Fish Watcher's Club

More on cichlids, but this time it refers to "An Experience With Angels" by George Spreier. George was lucky in getting a pair of angels to spawn and he reports that the parents took excellent care of their young and were quite unhappy when he moved the babies and promptly spawned again. If things keep up at that rate. George will have a whole houseful of baby angels.

The KTFCAQUARIST (September)--Kokomo, Indiana

This is a relatively new club in this area. Some of our club members met Amos Blakeslee, editor, at the Huntington Show this spring and since then we have been receiving their Newsletter. We sincerely hope we will be meeting some members of this club at our show either as visitors or exhibitors. There are 3 short but good articles written by club members. "Fish-Fish Everywhere And Not Enough To Eat" by Carol Wilson explains how she and her husband got into the fish hobby and of their move from Long Beach, California to Kokomo, Indiana. All

of their tanks were broken in shipping and most were beyond repair, but being true hobbyists they just went out and bought more tanks and fish. Greg Harrell gives a brief outline on "Tropical Fish" in general. Bill Haywood gives a brief history and rundown of the habits of the ever-popular "Swordtail".

Tanked--Central Virginia Aquarium Society

This is a new exchange also. I also note it is^a bi-monthly publication but I could find no date on this issue but presume it is late July or early August. There is a synopsis of a series of lectures presented to the society. The series in this issue deals with "Experimentation In Algae". "The Old Broken and Leaky Tanks" by Neale Roberts sure describes my trusty old 8 gallon tank that never leaks except at fish shows. There is a really good article by Leilia Tatum reprinted from Tropicals called "Show-Versus Home Aquarium".

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COMING EVENTS

- October 3, N.I.A.S. meeting at 2:00 pm at the People's Trust and Savings Bank at Waynedale. WHITE ELEPHANT SALE
- October 3-11, Louisville Tropical Fish Fancier's 6th Annual Show "at the Mall" in Louisville, Kentucky
- October 17, GCAS Aquarium Beautiful Competition and Guppy Show at Xavier University Armory, Cincinnati, Ohio
- November 7, N.I.A.S. meeting at 2:00 pm at the People's Trust and Savings Bank at Waynedale.
- November 13 and 14 N.I.A.S 7th Annual Tropical Fish Show in the County Room of the Allen County War Memorial Coliseum, Fort Wayne, Indiana.

* * * * *

OCTOBER MEETING

Program: "Marineland Of The Pacific"

IN This program there aren't just the leaping whales and porpoises but there is also a peek backstage into the laboratories of Marineland showing the various devices that are used to keep their little charges in good health. Another segment of this program shows some of the inhabitants of the smaller "jewel" tanks in all their finned glory.

WHITE ELEPHANT SALE. . . Let's make this the biggest white elephant sale ever. Bring your "white elephants" to the meeting. If ya can get it thru the door--Bring it!

BOWL SHOW: Gourmies!! All kinds --Ribbons from 1st to 5th places awarded.

Refreshments: will be furnished by Carol and Stephan Spoltman and Marian Manniata,

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"SLEEP"

by Roy Anderson

Do fish sleep? Yes, they do. And the beginner, the first time he turns on the light at night on his tanks, is due for a very unnerving experience.

Tetras and danios are suspended, pale and motionless with fins barely moving in the middle of the tank. Barbs and many others turn a pastry white at night and lay scattered over the bottom of the tank. Loaches may be laying on their sides or even on their backs. Bettas sprawl on their sides in pale awkward piles. Many fish take on odd mottled colors. Others may be fluorescent to a certain degree, such as the Cynolebias. Others take on new colors never seen in the daytime. Unless you can identify them by their shapes, some you may not even recognize.

Tetras, danios and pencil fish sleep lightly and are awake in a few moments. Others, such as bettas and cichlids can be poked and prodded and its still several minutes before they wake up, they sleep so soundly.

If the light is left on at night, many fish won't sleep, but cichlids will poke their heads in a dark corner and go to sleep. A school of cichlids fry will find the deepest hole in the gravel. They crowd into this hole head down and tails wagging, in a tightly packed cluster, and try to sleep this way. Bettas simply flop on their sides.

Catfish, eels and weather fish, however, love their night life. They go playing and bumbling about, disturbing the other citizens of the tank. Of course, the next day, when they try to find a place for a quiet snooze after being up all night, the other fish get even. Oddly enough, very little has been written about the sleeping habits of fish. But, I assure you, a visit to your tanks at night is a very interesting experience.

(Taken from: "Driftwood" (September); Aquarists of Omaha)

Three small boys were sitting on a curb. One had a model air plane, one a fire engine, and one was reading Esquire. An elderly gentleman stopped and asked what they wanted to be when they grew up.

The first said: "An airplane pilot."

The second: "A fireman."

The third boy, looking up from his magazine, replied: To heck with the details, I just want to grow up."

"She's as pretty as a picture," murmured the gate watchman as his gaze followed the fresh, young war worker. "Got a nice frame, too," he added thoughtfully.

Brown: "Did you fish with flies?"

Gray (back from camping holiday): "Fish with them? We fished with them, camped with them, ate with them, slept with them!"

Stout Lady (to Little boy): "Can you tell me if I can get through this gate to the park?"

Little Boy: "I guess so. A load of hay just went through."

"GOURAMIS"

Our fish for the month of October is the "Gourami", a member of the Anabantidae family. Being a Labyrinth fish, the Gourami is equipped with an auxiliary breathing apparatus which enables it to breathe at the surface of the water. The air is stored in a little compartment called the labyrinth where it is used as needed to supply the fish with oxygen. In addition to surface oxygen, the gourami uses dissolved oxygen from the water.

The Gouramis comprise a beautiful group of fish well known to the tropical fish hobbyists. A bubble-nest builder, they are fairly easy to spawn and very interesting to observe.

It isn't difficult to sex the Gourami. The male is usually markedly more colorful than the female, has longer points on the dorsal and anal fins. The females bulge just behind the pectoral and ventral fins.

The method of breeding Gouramis varies somewhat with each species but in general the pattern is the same. The male goes to the surface, takes a mouthful of air and breaks it up into tiny bubbles which he coats with saliva and blows. The bubbles float to the surface and collect to form a nest as the male repeats this activity again and again. Some Gouramis use a "plain" nest, others reinforce their nest with bits of plants.

Being careful to ward off any potential intruders, the male builds the nest to his specifications then entices the female under the nest where, after a period of flirtation and courtship, the male curves his body toward the female and envelopes her from slightly below. In their "nuptial embrace" the male squeezes the female until she releases the eggs and at the same time he exudes sperm to fertilize them. Any eggs which fall to the bottom of the aquarium instead of floating to the top are carefully picked up by the male or female and placed in the nest. A spawning usually results in 200-300 eggs which will hatch in 24-30 hours under proper conditions.

Some of the more common Gouramis are: Pearl, Kissing, Dwarf, Blue, Giant, Three Spot, Chocolate, Thick Lipped, Opaline, and Moonlight. (Taken from "The Tropical Breeze"; July, 1965; San Diego Aquarium Soc.)

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FOR SALE

The Aquarium. . . 1958 through 1965 inclusive.

Tropicals. . . Nov.-Dec. 1961, VI #2 through Nov.-Dec. 1964, IX #2 plus March-April 1965, IX #3; 1961 V #3 and #5; 1960 IV #1 & #4-#5-#6; 1959 III #4.

Contact Bob Brewer, 109 W. 6th, Ligonier, Indiana.

* * * * *

The editor wishes at this time to submit his resignation, effective as soon as we have a volunteer or January 1, 1966. It's been fun, but now it's time for some new blood and fresh ideas if the bulletin is to continue to prosper. Green eyeshade, anyone?

* * * * *

THE NORTHEASTERN INDIANA AQUARIUM SOCIETY, INC.

ANNOUNCES THEIR 1965

7th ANNUAL TROPICAL FISH SHOW

NOVEMBER 13th & 14th IN THE COUNTY ROOM OF THE ALLEN COUNTY WAR MEMORIAL COLISEUM, 4000 JARRELL AVENUE, FORT WAYNE, INDIANA

GENERAL RULES

1. Air and the main airline will be furnished. All tanks, gravel, heaters, lights, extension cords, 3 way sockets, gang valves, siphon hose, buckets, small stool, wiping cloths, etc., must be furnished by the exhibitor. We advise the use of an airstone in each guppy bowl.
2. One-half gallon drum bowls will be sold to the Guppy exhibitors that do not bring their own for 35¢. These may be sold back to the show committee after the show for 25¢.
3. All tanks must have lights. No type of colored lights, including Gro-Lux, will be acceptable when judging fish or Tank Beautiful classes. They will be judged in a special class. See classes listed.
5. Outside filters must be placed at the back of the tank.
6. N.I.A.S. will furnish non-aged city water. Be sure to bring test kits and anti-chlorine tablets.
7. Tanks should be tested for leaks before the show.
8. Guppy entrants to be judged per A.G.A. rules. Show open to all.
9. Tank Beautiful and Community tank entries must be standard 10 gallon tanks. Tanks for other entries must not exceed 24 inches in length. *only male guppies judged*
10. Tampering with other tanks, disconnecting airlines and plugs, etc., unless you are authorized, is forbidden.
11. All Junior entries must be set up by the Junior, himself. All Junior (15 years and under) entrants will compete only against other Junior class entrants.
12. All tanks must have backgrounds.
13. No personal identification will be allowed on the tanks until after the judging. At the time of the judging, everyone not assisting the judges shall be cleared from the judging area.
14. For a class to receive a trophy, there must be at least three entries and two exhibitors.
15. Any pair of fish or if sex is hard to distinguish two fish of the same species that are not eligible to enter any other classes, with the exception of the Unusual Class, may be entered in the Open Class.

16. Classes other than those listed may be established at the discretion of the Show Committee depending upon the number of entries. These additional classes would receive ribbons for 1st, 2nd, 3rd, 4th and 5th places.

17. The N.I.A.S. or any individual member or officer shall not be responsible for any injuries or losses sustained to exhibitors or visitors.

18. THE SHOW COMMITTEE IS THE ABSOLUTE AUTHORITY ON ALL MATTERS PERTAINING TO THE SHOW.

19. Applications to the show should be submitted as early as possible.

20. Cash, check, or money order must accompany all entry blanks. Each entry is \$1.00.

21. Tanks may be set up starting at 7:00 PM on Friday, November 12th, and must be completed by noon November 13th. Doors will be open at 9:00AM, Saturday, and 10:00 AM, Sunday for exhibitors to care for their entries. Judging will start at noon on Saturday November 13th. Entries must not be removed until 5:00AM on Sunday, November 14th, and must be removed by 7:30 PM of the same day. Fish which have not been removed by that time will be considered abandoned and will be disposed of at the Club's discretion.

22. Entries must be set up by the exhibitor and must be shown under the owners' name. We will not accept fish by mail.

23. Dealers and Pet Department Managers may compete against hobbyists only in the Guppy portion of the Show.

24. Dealers are urged to purchase booth space to exhibit their wares.

ONE DOES NOT HAVE TO BE A MEMBER OF N.I.A.S. TO ENTER THE SHOW!

CLASSES

- | | |
|--|-------------------------------------|
| (A) Best Junior Open Class | (N) Tank Beautiful |
| (B) Best Junior Community | (O) Open Class (1pr) |
| (C) Best Community | (P) Black Guppies (1pr) |
| (D) Best Family (10 or more) | (Q) Blue Guppies (1pr) |
| (E) Best School of Egglayers (8 or more) | (R) Green Guppies (1pr) |
| (F) Best School of Livebearers (8 or more) | (S) Red Guppies (1pr) |
| (G) Scavenger Fish Class (1 pr) | (T) Multicolor Guppies (1pr) |
| (H) Chichlid Class (1 pr) | (U) Any Other Color Guppies (1 pr) |
| (I) Most Unusual Fish (only one required) | (V) Gold Fish Class (1pr) |
| (J) Molly Class (1 pr) | (W) Novelty Class (Anything goes) |
| (K) Killiefish Class (1 pr) | (X) Best Betta (1) |
| (L) Platy Class (1 pr) | (Y) Best Spawned by Exhibitor (1pr) |
| (M) Swordtail Class (1 pr) | (Z) Gro-Lux or Colored Lighting |

Novelty Class judged on originality and good taste.

In Classes J, L, M, P, Q, R, S, T, U, and Y please state color on entry form.

In Classes A, B, C, E, F, G, H, I, K, O, N, and Y please state species on entry form.

