



The Raleigh Aquarium Society

P.O. Box 31564 Raleigh, North Carolina 27612-1564
<http://www.fishclubs.com/nc/ras/>
raleighaquariumsociety@yahoo.com

August 2005

(RAS Annual Picnic - August 13th - Eno River State Park)

Just a reminder that the annual RAS picnic will be held on Saturday, August 13th at the Eno River State Park at the Cole Mill Picnic Shelter. Time and directions to the park can be found here (<http://www.enoriver.org/eno/maps/colemill.htm>) and will also be sent out later in the month. The club will be providing the meat, rolls, paper goods, utensils, condiments and some drinks. We ask that everyone who attends bring a covered dish and/or desert to share. Mark it on your calendar and come join us for a great time!

Next Meeting: Thursday, August 4th @7:30pm

Meetings are held on the first Thursday of each month at the [North Carolina State University College of Veterinary Medicine](#) located at [4700 Hillsborough Street in Raleigh](#). Visitors are welcome! Snacks and light refreshments are provided. A raffle of fish and fish related items follow the meeting. Due to Security Issues, NCSU has required that the doors going into the downstairs lobby remain locked. Please be on time, as we will have a designated person standing by the door to let you in. If you are late, you may try knocking or call Brandon Berry s cell phone at 252-266-3559, Jeff Jenkins at 919-612-0229, or John Patterson at 919-264-4011.

Meeting Agenda

Baby Fish -- The Cute & The Weird

by Gerald Pottern

Most fish begin life as a "larva" drastically different from its parents. Fish larvae live in different habitats than adults, have different behaviors and diets, and face different threats to their survival. They often have strange shapes, sticky glands, huge spines, and other special adaptations. We'll explore how fish "metamorphose" from a newborn wiggly blob to a real fish; how their senses, organs, and colors develop; how their swimming and feeding behaviors change; how newly transformed juveniles find a place in the adult world, and why larval development helps us piece together the relationships between fish species. Do you know why newborn cichlids and catfish wiggle non-stop? Or why water is as thick as syrup to a baby fish? Or how a baby flounder's right eye moves to the left side of its head? Or the backwards metamorphosis of deep-sea anglerfish, from fish to blob? We'll end with a guess-that-baby game.

RAS T-Shirt Design Contest

It was voted at the monthly meeting held on July 7th that the club would like to have new T-shirts made up for sale to members at the regular club meetings at cost and also at the 2006 Workshop. The majority agreed that we would like the shirts to be multi-colored, depicting several different species. We hoping that by having multiple species on the shirts we can: 1) appear to a wider audience to purchase the shirts at the Workshop; and 2) attract more attention when we wear the shirts ourselves to a larger group of folks in the Raleigh area that keep fish, and hopefully get some new members in the club as a result. The designs for the new shirts need to be submitted to Linda Twaddle by the Regular Monthly Meeting held on September 1st. Designs can be submitted in any media, i.e., drawings, photos, etc. and should incorporate the club's logo created by Walter Wu somewhere on the shirt (see Website for the logo). Members attending the September meeting will vote on the winning design. The prize for the winner will be either a free T-Shirt and a special "mystery" prize or one year's free club dues and a special "mystery" prize.

Mark your calendars - the dates for the Carolina Aquarium Workshop XXII have been set. The Workshop will be held on February 24, 25 & 26, 2006 at the Wake County Commons Building.

More info to come as we confirm speakers for the Workshop.

Monthly Feature

Building your own CO2 setup using paintball cartridges.

by Derek Parr

This month we'll be having a first: the text for this article is located on Derek's page, here:

<http://www.derekparr.com/minico2/>

Trading Post

Brandon Berry has free hornwort, water lettuce, water hyacinth, and elodea - e-mail brandonberry@cox.net - must come to a meeting to pick up..

Lisa Warren has: 100 gallon long oceanic tank, 4 clown loaches, 4 queen botia, 1 lg gold nugget pleco, albino pleco, lots of java fern, lots of crypts. If interested contact Lisa Warren at jecawarren@yahoo.com

Sal Notarmaso has: PEACOCKS, ALL PRICED \$8.00, Yellow Regal, Blue Regal, Ruby Red, Ngara Flame Tail, OB Black&White, Ten more to list all showing color and able to sex. If you are looking for a fish I can find it, and get it to you. Email or phone 383-3131

Liston Cyrus has: Mpimbwe Frontosa Colony. 1, 10 inch male 4, 6 inch females plus 4, inch fry. Spawns every 2-3 weeks \$350. Need the Tank Space. Contact him at ph. (919) 404-6238 (Work), (919) 270-9379 cell.

Monthly Web Links

Aquatic Plant Central is pleased to announce the launch of the *International Aquaplant Layout Contest 2005!*

www.aquaticplantcentral.com

Have you ever considered keeping something truly prehistoric and exotic? Or maybe just read about people who do. Check out this site that is CITES approved for the sale and breeding of the Australian lungfish: <http://www.ceratodus.com/index.html>

Just in case you don't know what CITES is, check out their page: <http://www.cites.org/>

In keeping with the theme above, here is a site with lots of information about the Asian arowana. <http://unoaquatic.com/>

These aren't the standard arowana you see here in the US. These are big, brightly colored fish that are aptly called "dragon fish". Check out the photo gallery, there are some really lovely fish in there.

Here is a nice page on the fish of Australian and New Guinea, with over 200 species listed. <http://www.australianrainbowfish.com/>

For anyone who hasn't been there, check out the Tennessee Aquarium <http://www.tennessee.org/> in Chattanooga, TN. I have twice visited the aquarium over the course of a weekend and enjoyed it immensely. They have your usual saltwater exhibits, and have just opened the Ocean Journey Building, <http://www.tnaqua.org/VisitorInfo/OceanJourney.asp>, but my favorite exhibits are in the "Rivers of the World". In these exhibits you can see full grown red tailed catfish (they're as big as children), a school of full grown clown loaches and siamese algae eaters, arapaima, etc. Lots of fun and worth the trip.

Derek Parr has gone collecting again, this time in the Triangle, right off of Highway 751. The pics are online here <http://www.derekparr.com/photos/2005-07-05/>. A google map of the area can be found here <http://maps.google.com/maps?q=pittsboro,+nc&ll=35.755863,-78.959523&spn=0.006696,0.007950&t=k&hl=en>

[Potomac Valley Aquarium Society](#) (PVAS) in the Washington D.C. area

[Atlanta Area Aquarium Association](#) in Atlanta, Georgia

Club Sponsors

*(The following businesses give RAS members a discount on purchases)
You may be asked to show your RAS membership card*

[Aquatica](#) 5533 NC Hwy 42-West, A-16, Garner (10%) **919.661.7790**

[Carolina Pet Supply](#) 322 McCormick Street, Garner (10%) **919.773.0014**

[Creative Pet](#) 1350 E Broad St., Fuquay-Varina (10%) **919.577.9977**

[Critter Country Inc](#) 14 Technology Drive, Garner (10%) **919.772.3761**

[Fins, Furs & Feathers Pet Center](#) 303 S. Horner Boulevard Sanford, NC 27330 (10% on everything except tanks) **919.718-0850**

[Fish Pros](#) 5412 Etta Burke Court, Raleigh (10%) **919.233.1122**

[Fish World](#) 3501-151 Capital Blvd., Raleigh (10%) **919.872.1228**

[Pet Mania](#) 7901 Falls of Neuse Rd #125, Raleigh (10%) **919.676.3225**

[Pet Paradise](#) 9101-141 Leesville Road, Raleigh (10%) **919.848.8881**

[Pawz Pet Supply](#) 7317 Six Forks Road, Raleigh (10%) **919.845.9332**

[The Pet Pad](#) 1347 Kildaire Farm Road, Cary, (10%) **919.481.6614**

[Triangle Tropical Fish](#) 5110 N. Roxboro Rd, Durham (10% excluding aquariums and stands) **919.479.0088**

Please contact Patricia Ceger at raleighaquariumsociety@yahoo.com if you are an active member of the Raleigh Aquarium Society and do not have an up to date membership card. Membership cards can be picked up at any meeting.

Raleigh Aquarium Society Application for Membership

Membership privileges include:

-Ability to post items in trading post section of monthly newsletter

-A discount card good at participating local pet stores

-All club discounts on club functions

-Education from the most knowledgeable aquarium experts in NC

-Yearly Membership - \$15.00 (includes spouse and children)

(Membership dues run from March 1st each year. New members joining any other time will be pro-rated at \$3 + \$1 for each month remaining in the year.)

Name(s): _____

Date to begin membership: ____/____/____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ (2) (____) _____

Email Address: _____

New Membership ____

Renewal Membership ____

Mail to:

Raleigh Aquarium Society
PO Box 31564
Raleigh, NC 27612-1564