



July 31, 2007

tideline aquatics Newsletter

Tideline Aquatics Store Hours

Monday – Friday 11am-7pm
 Saturday 10am-6pm
 Sundays 1pm-5pm

FYI –

Our Aquadine fish food shipment arrived on Tuesday! Live black worms are out until next week. Our new freezer arrived damaged beyond repair and another has been shipped in its place! Please ask a salesperson to pull your frozen foods from our back freezer when you visit the store.

IS YOUR AQUARIUM GROUNDED PROPERLY?

We have had several discussions over the years about the importance of having your aquarium grounded. Whether you have freshwater fish or saltwater fish, both have sensory organs that can be damaged by tiny amounts of stray voltage from an aquarium that is not grounded. In the marine aquarium, tangs (surgeonfish), angelfish, butterflyfish and even groupers can suffer damage from stray voltage in the aquarium. Conditions such as head erosion and lateral line disease have both been linked to stray voltage in the aquarium.



TYPICAL EROSION SEEN IN MANY ZEBRASOMA TANGS

Freshwater fish like elephant nose, black ghost knives and even discus appear to be much calmer in an aquarium that is grounded properly. The long-term stress on our tropical fish will certainly weaken their immune system. The biggest culprits of stray voltage are submersible heaters, submersible water pumps and power heads. How can you test for stray voltage in your aquarium? Actually it is simple; a volt meter. These are cheap meters that can be purchased at most hardware stores, Radio Shack and some discount mega-stores. Grounding your aquarium properly is simple. There are several of these probes available which are easy to install.



For the probe to work properly, you will need to attach it to a grounded receptacle or to another known ground. Just place the probe in the water and plug the unit in! Simple! Please realize that there are other factors that can lead to fish problems. Good water quality and a balanced varied diet that caters to your specific fish are even more important in maintaining healthy vibrant aquarium inhabitants.

COOL CATFISH CRAZE!

In your freshwater aquarium, we are sure that you have owned a few catfish at some time or another. Albino cory catfish (*Corydoras aeneus*),

spotted pictus catfish (*Pimelodus pictus*) and clown loaches (*Botia macracantha*) are all beautiful common choices but there are some over-looked species that deserve attention. Remember that beauty is in the eye of the beholder!

The Banjo Catfish (*Bunocephalus coracoideus*)



If you were to take a pictus catfish, strip away all the color and mash it flat, well you would have something that looked like the strange Banjo Catfish! These catfish really test their owners each day. You see, it is nearly impossible to tell if this fish is dead or alive unless you nudge it with something! Actually these catfish are good scavengers – at night. During the day, they enjoy just laying there in the open or if your aquarium has a sand substrate, banjo catfish will cover themselves up with just a shadow showing through the sand surface. Now don't you just want one of these!!! Really though, banjo catfish are inexpensive, extremely hardy, peaceful and out of the ordinary. It is really just an ugly scavenger fish that is fun to own.

The Mustache Catfish (*Phyllonemus typus*)



This interesting and rarely imported catfish from Lake Tanganyika is named for its cool black elongated barbels resembling a mustache. These catfish grow to about 4" in length and prefer more alkaline water (pH 7.6-8.4). Mustache catfish may eat very small fish but should be fine with medium-sized fairly peaceful tankmates.

Keeping this catfish with aggressive fish is not a good idea as the catfish is easily out-competed for food. Though shy at first, these fish adapt well to aquarium life and actively search for food even during the daylight hours. As the fish matures, the mustache-like barbels develop to full size. Another unique feature is that the male and/or the female care for the young. The eggs are kept in the parents' mouth until they hatch!

Synodontis flavitaeniatus Catfish



If you want a catfish with some flair, this is a big favorite with Synodontis catfish fanciers. Flavitaeniatus catfish are one of the smaller of the synodontis species and also one of the most peaceful. Reaching only about 4" in the aquarium, these catfish seldom even bother small schooling fish. Water quality is important with this catfish. Flavitaeniatus catfish need clean water (low in organics) that is neutral to slightly alkaline in pH. Acidic water will cause this catfish problems such as fin erosion. Regular partial water changes and a varied diet of meaty dry sinking foods will ensure that this beautiful Synodontis catfish will give you a full display of color and flashy fins and barbels.

Black Lancer Catfish (*Bagrichthys macracanthus*)



Now this rarely imported catfish will cost you a few bucks – money well spent! The Black Lancer Catfish is an excellent aquarium fish though it must be kept with peaceful tankmates like dwarf gouramis, congo tetras, harlequin rasboras, bala sharks and the like. The skin on this catfish is velvety jet black with a striking white streak down both sides of the fish. Though

easy to keep, this catfish can be sensitive to certain medications, especially malachite green. This is another catfish that is shy when first introduced but quickly overcomes the insecurity. It is best to keep only one of these catfish as they are territorial toward one another. Imported from Indonesia, this catfish needs soft water with a pH of 6.0-7.4. Lancer Cats will not survive in hard water! A rare find (we only have a couple), the Black Lancer Catfish are only available to us a couple of times per year.

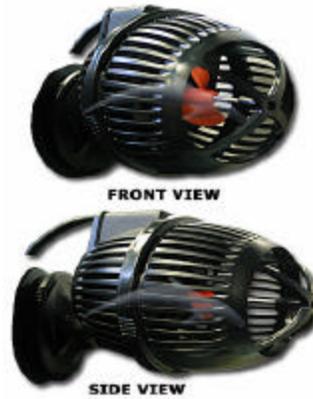
FRESHWATER FISH
HIGHLIGHT



APISTOGRAMMA CACATUOIDES (THE COCKATOO CICHLID)

We just received a shipment of these tank-bred beauties last week. Currently, we have both males and females. Pictured above is a male *A. cacatuoides*. Notice the vivid red fins and the elongated spikes in the dorsal fin. Females have shorter fins and smaller bodies. The females also lack the red color though they are a rather brightly colored yellow. This peaceful dwarf cichlid does best in clean soft water. Though they will eat flake foods, this fish especially benefits from supplemental feedings of bloodworms, brine shrimp and even mysis. As with most Apistogramma, the cacatuoides enjoys a well planted aquarium with plenty of nooks and crannies to give the fish comfort. This is also an easy dwarf cichlid to breed. The parents will guard their eggs and fry with diligence even in a community aquarium. House this fish with small schooling tetras, corydoras catfish, discus or angelfish, and other similarly mannered aquarium fish.

COOL NEW PRODUCTS
ARRIVING THIS WEEK!



Hydor Koralia Circulation Pumps

Many of the new products we bring into the store are because you, the customer, ask us to give them a try. This is one of those very suggestions! These small units are extremely powerful pumps with water flow ranges of 400gph to 1200gph. These water pumps are for added circulation only as you would need in a planted aquarium or reef aquarium. A unique feature of this pump is that it can be attached to the aquarium wall anywhere in the tank using the included magnetic support. Once mounted in the aquarium, the water pump is fully adjustable – and NO SUCTION CUPS!! There are four different models on the way!

Velcro Nylon Filter Bags

If there is one thing we hate worse than aquarium suction cups, it is a drawstring on a nylon filter bag. They work great the first time but getting that monster untied for a media change can make even a preacher think bad thoughts. These new nylon bags use a sewn-in powerful Velcro strip for closure. It will open the first time you pull the strips apart – no more sinful thinking!



PURA NitrateLock Filter Media

Finally, a NITRATE removing resin that works in both saltwater and freshwater aquariums. Using selective ion exchange resins that target nitrate, NitrateLock rapidly removes nitrates from aquarium water. This product can be recharged and reused multiple times by simply soaking it in a brine solution. Available in two sizes: 500ml for treating 50 gallons, 1L for treating 100 gallons.

LOCAL CLUBS / ORGANIZATIONS/FORUMS

Have a reef aquarium? Check out our local reef club at: www.charlestonreefers.org

Love water gardens and koi? Visit the Charleston Showa Koi Club website at: www.charlestonshowakoiclub.org

Saltwater fish aquarium club – CMAC
www.columbiamac.org

Question and Answer Forum –
www.wetwebmedia.com

Fish of the Week



THE NIGER TRIGGERFISH (ODONUS NIGER)

Niger Triggerfish are one of the less aggressive of the triggers. Reaching about 6”-7” at full aquarium size, the Niger Trigger can be kept even in a 55 gallon tank. This fish is not reef safe as they will eat small shrimp, crabs and mollusks. Offer the Niger Trigger a mixed diet of frozen or fresh shrimp, squid, mysis, some green foods (algae) and a balanced standard frozen diet (formula one). This

trigger can usually be kept with other triggerfish as long as the Niger is of equal or larger size. This fish also works well with larger wrasses, lionfish, hawkfish and even puffers. The Niger Triggerfish is even an excellent fish for beginners. This is just one of the specials this week at Tideline Aquatics. Print off the coupon at: www.tidelineaquatics.net

What’s New At Tideline

FEEDERS (NOW IN STOCK!)

Feeder Crayfish, Feeder Fiddler Crabs, Feeder Guppies, Feeder Rosy Redds, Feeder Goldfish and Ghost Shrimp. **NOTE!! We are currently out of Live Black Worms.**

FRESHWATER FISH (NOW IN STOCK):

Large Angelfish, XL Neon Tetras, German Blue Rams, Rosy Tetras, Medium and Large Green Terror Cichlids, Pike Cichlid, Firemouth Cichlids, Jaguar Cichlids, Colorful Mixed Platies, Assorted Swordtails, Super Nice Dalmation Mollies, Assorted Mbuna African Cichlids, NEW! Synodontis valentiana Catfish, 2.5” Clown Loaches, Nice Sized Bala Sharks, Tank Bred Dolphin Whale Morymirids, Green Scatophagus, Freshwater Common Stingrays, Florida Bred Large Neon Tetras, Bright Orange Bumble Bee Japonica Shrimp, Pseudotropheus demasoni Cichlids (intense color and mean), Synodontis angellicus Catfish, Synodontis brichardi Catfish, Synodontis flavitaeniatus Catfish, Synodontis schoutedeni Catfish, Eretmodus cyanostictus ‘Makombe’ Goby Cichlids, Lamprologus tredocephalus Cichlids, Phyllonemus typus Mustache Catfish, Apistogramma cacatuoides ‘Double Red’ Dwarf Cichlids, Apistogramma agassizi ‘Double Red’ Dwarf Cichlids & False Zebra Plecostomus and more!

LIVE AQUARIUM PLANTS (JUST ARRIVED):

Red Tiger Lotus, New Bacopa Australis, XL Amazon Swords, Dwarf Sagittaria, Ozelot Sword Plants, Java Lace Fern, Java Moss on Driftwood, Riccia on Driftwood, Watersprite, Aponogeton

ulvaceous, Red Nesea, Anubius Gigantea, Indian Red Sword Plant, Rotala Indica Bunches, Small Amazon Sword Plants, New Monosolenium Bunches, Rotala Magenta Bunches, Dwarf Hairgrass, New Ludwigia Cuba (very nice), Hygrophylia difformis (Wisteria) Bunches, Italian Vallesneria Plants, Potamogeton Gayi Bunches, Ludwigia Peruensis Bunches, Lobelia Cardinalis Plants (potted), Nesaea Bunches, Clumps of Red Wendtii Cryptocorynes.

GOLDFISH, KOI AND POND PLANTS (NOW FULLY STOCKED):

Small Blue Shusui Butterfly Koi (super nice!), Small Domestic Koi Assortment, Medium Assorted Domestic Pond Koi, Jumbo Japanese Koi, XXL Domestic Koi, Awesome Sarasa Veiltail Pond Comets (ready Friday), Medium Standard Butterfly Koi (limited), Assorted Small Chinese Goldfish, Panda Butterfly Telescope Chinese Goldfish, M/L Red & White Ryukin Chinese Goldfish, Medium Red Ryukin Chinese Goldfish, Large Assorted Chinese Oranda Goldfish, Bog Plants, Floating Island Plants, Hornwort, Super Quality Hardy and Tropical Water Lilies, Tons of Bog Plants, Blooming Lotus Plants, Water Poppies and more!

SALTWATER FISH (ARRIVED ON TUESDAY):

Fiji Coral Beauty Angelfish, Indian Ocean Yellow Angelfish, Hawaiian Potters Angelfish, Hawaiian Flame Angelfish, Indian Ocean Grey Poma Angelfish, Bali Flagfin Angelfish, Indian Ocean Annularis Angelfish, Indian Ocean Square Back Anthias, Indian Ocean Black Saddle Clownfish, Indian Ocean Brown Saddle Clownfish, Sumatra Gold Bar Maroon Clownfish, XL Indian Ocean Tomato Clownfish, XL Indian Ocean Melanopus Clownfish, Indian Ocean Neon Velvet Damsel, Fiji Devil Damsel, Bali Firefish Gobies, Vietnam Red, Brown, Green and Yellow Clown Gobies, Sri Lanka Diamond Sifter Gobies, Indian Ocean Dragon Sifter Gobies, Bali Yellow Watchman Gobies, Tank Bred Watchman Gobies, Fiji Bicolor Goatfish, Fiji Yellow Goatfish, Bali Niger Triggerfish, Cebu Starry Algae Blennies, Hawaiian Sufflamen Triggerfish, Baby Bali Clown Triggerfish, Hawaiian Male Blue Jaw Triggerfish (HUGE), Bali Foxface Rabbitfish,

Indian Ocean Sailfin Tangs, Indian Ocean Desjardini Sailfin Tang, Hawaiian Yellow Eye Kole Tangs, Bali Lineatus Clown Tangs, Fiji Orange Shoulder Tangs, Bali Yellow Mimic Tangs, Indian Ocean Sixline Wrasses, Hawaiian Velvet Fairy Wrasse (AWESOME), Fiji Scotts Fairy Wrasse (NICE), Hawaiian Adult Red Coris Wrasse, Indian Ocean Dragon Wrasse, Shark Egg Case.

SALTWATER INVERTEBRATES (JUST ARRIVED TUESDAY!):

Cortez Redtip Reef Hermits, Red Fire Shrimp, Fancy Color Bubble Anemones, Margarita Snails, Large Tonga Nassarius Snails, Nerite Snails, XL Green Saron Shrimp (Beautiful), Mexican Turbo Grazers, Nice Selection of Indonesian Mushroom Rocks, A Super Selection of Nano Corals (only \$19.99 EACH), Red Chili Soft Corals, Gorgonians, Orange Nephtea Coral, Pumping Pom Pom Xenia, Pipe Organ Corals, Green Mumps Leather Corals, Nice Toadstool Leather Corals, Bisma Worm Rocks, Yellow Polyp Rocks, Metallic Green Zoanthid Rocks, Ball Porites Corals, Blue Bubble Coral, Green Bubble Coral, Favia Brain Corals, Metallic Trachyphyllia Corals, Candy Caulestrea Corals, Clove Anthelia Rocks, Super Color Cultured Acropora Corals, Common Sebae Anemones, Long Tentacle Anemones, Frogspawn Corals, Gold Torch Corals, Green Torch Corals, Green Hammer Corals, Indo Finger Leather Corals, Fiji Flower Leather Corals, Bright Green Wellsophyllia Corals. We were expecting once again Tonga Branch Live Rock but it did not arrive with our shipment.

We have another shipment of fish and invertebrates scheduled to arrive on Friday afternoon! This will consist mainly of Caribbean collected specimens.