



April 30, 2008

tideline aquatics Newsletter

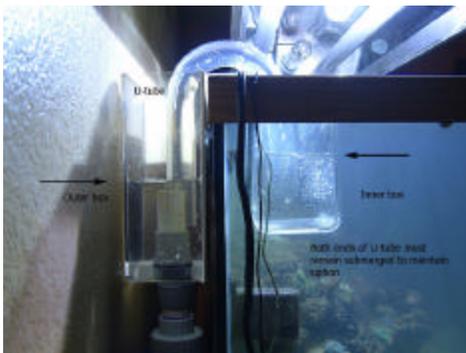
Tideline Aquatics Store Hours

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

WHAT IS A PRE-DRILLED AQUARIUM & ITS BENEFITS?



Drilled aquariums contain either a corner spill-over, a rear panel overflow, or when being viewed from front and back, end panel overflows. The actual aquarium is drilled with two holes or more housed within an overflow as pictured above. Most often, one hole is for draining water down to the filter, the other hole is plumbed to return water back into the aquarium from the filter below. Drilled aquariums utilize wet/dry filters or refugiums for filtering the aquarium. If a wet/dry filter and/or refugium is used in a standard non-drilled aquarium, a hang-on overflow box must be used to deliver the water to the filter below.



Overflow boxes use a U-shaped tube to deliver water from the aquarium to the filter below. U-

tubes have limits as to how much flow can be pumped from the filter to the aquarium. Overflow boxes are also noisy, often making annoying gurgling sounds as the water moves through the drain pipe through the filter. Also, if say a snail or hermit crab were to make their way into the overflow box and block the U-tube, the aquarium could overflow causing the pump to run dry and likely fail. In drilled aquariums, most of these issues are not a concern. Each spill-over contains numerous 'teeth' at both the top and bottom for moving water into the built-in overflow. This allows water to be pulled from the aquarium at both the top and bottom of the tank. Drilled aquarium also use specially designed drains for quieting the movement of water from the aquarium to the filter below and to handle a larger volume of water to be drained allowing for better circulation through the filter and in the aquarium. This is especially important in reef aquariums in that live corals appreciate excellent water movement. Built-in overflows also maintain a water level that often allows one to hide the aquarium heater within the spill-over. In short, drilled aquariums offer better circulation, quieter operation, safer operation and the convenience of not having anything hanging over the back of the aquarium allowing the tank to be installed flush against the wall with all of the filter components plumbed through the bottom of the tank.



The only drawback is the space the built-in overflow box takes up inside the aquarium.

THE GALATHEA NANO LOBSTER



For the first time ever, we received a shipment of Galathea lobsters often referred to as the Squat Lobster. Reaching only about 4" at full size, these unusual crustaceans are perfect for small reef aquariums. Unlike most lobsters available in the aquarium trade, these are non-predatory instead being mostly scavengers of uneaten food in the reef. These guys are only about ¾" long and dart about the tank nearly always with their tiny blunt tails curled under. Check them out in our crustacean invert acrylic system when you come into the store!

RARELY AVAILABLE ALTUM ANGELFISH NOW IN STOCK!



We just received a shipment of wild-collected Altum Angelfish! This is not your typical angelfish as these fish are only available from the dark waters of the Amazon River. Since these fish are wild collected, they are much more cichlid-like in their demeanor meaning they are more territorial toward one another as compared with the in-bred angelfish available in the hobby today. Though they may appear as standard

silver angelfish at first glance, Altum angelfish are quite different upon closer inspection. As they mature, Altum angelfish develop a rich red coloration in their dorsal and anal fins. They also develop beautiful red spotting on the body and blue patterns on the gill covers. These fish require soft water and a well-planted aquarium to feel comfortable and thrive. We have already acclimated these fish to prepared fish foods though they are still not too crazy for flake food (LOL). As adults, these fish can reach 12" from tip to tip compared to about 6"-8" in aquarium bred angelfish. House Altum angelfish with schooling fish like Rummynose tetras, Cardinal tetras, Phantom tetras and perhaps Hatchetfish. Care for Altum angelfish is similar to that of keeping Discus. They require soft water, low in organics (regular partial water changes) and warm (about 82-86 degrees). This shipment of Altums arrived in excellent condition which is rare for this delicate species!

NEW PRODUCTS! **API MARINE ALGAEFIX**



This is the first saltwater algaecide we are aware of suitable for the marine aquarium. Admittedly we have not tried this product ourselves, according to API, this algaecide is safe for killing algae in fish-only aquarium AND reef aquariums. They list this product for use in controlling Green Algae (Cladophora), Red Slime Algae (Osillatoria) and Brown Algae (Cyclotella). It is listed as safe for all invertebrates (including crustaceans), live corals, coralline algae and all marine fish!

SEACHEM NUTRIDIET NATURALS

We have to admit, when we first opened the containers of these new foods, they were quite nauseating! Tideline is now stocking the preserved Mealworms and the preserved Shrimp.

Fish actually go crazy for these new foods though they again are not pleasant to look at! A can full of worms in a soupy fluid is not pleasing to us but boy the fish really go for them.



The method Seachem uses to package these new treat foods locks in the nutritional value compared with dried foods that often lose many of the benefits found in the live version of these food treats. Due to the freshness of these foods, they require refrigeration after being opened. Each container has a stamped expiration date on the bottom of each can. This is the perfect treat food choice for larger fish like carnivorous cichlids, larger catfish, triggerfish, pufferfish, lionfish and wrasses.

ARRIVING THIS WEEK FOR YOUR GARDEN POND: KING OF SIAM TROPICAL WATER LILY



We have a limited number of this highly sought after tropical water lily **arriving on Friday** of this week. These plants are coming in a 'bare

root' form which will require us to pot them up before being able to release them to the public. After repotting, it will take about 5-7 days for the roots to become established in their new pots. You can pre-pay for your King of Siam water lily and we will call you when it is ready to be moved into your home garden pond. What makes King of Siam special is the massive number of petals each flower contains (about 100). The violet color is incredibly striking atop the red-speckled foliage. If you want one of these lilies, please call and reserve yours as soon as possible. These are on a first-come, first serve basis only!

A TRUE LOCAL AQUARIST WILL BE SADLY MISSED

If you have ever purchased fancy guppies from us, likely they were those bred by a true Charleston aquarist, Mr. Byrd. For years he has brought in hundreds and hundreds of his beautiful home-bred and healthy fancy guppies. Sadly, Mr. Byrd passed away peacefully at his home unexpectedly. He will be missed by the Tideline staff but his fish will continue to be stocked at the store as his wonderful family brought us his thousands of guppies he left behind. Our store manager, Justin, has taken the breeders to his house to continue breeding Mr. Byrd's healthy strain of strong fancy guppies. We will miss you Mr. Byrd! He was a true hobbyist that took pride in every fish he bred.

What's New At Tideline

FEEDERS (NOW IN STOCK!):

Feeder Goldfish, Feeder Rosy Redds, Feeder Guppies, Feeder Crayfish, Feeder Fiddler Crabs, Live Black Worms.

Feeder Ghost Shrimp are still not available!! All of our suppliers are receiving shipments of Ghost Shrimp that are not surviving! They are desperately trying to solve the issues with this highly sought after feeder item.

German Hans Discus (NOW IN STOCK!):

Red Turquoise Discus, Blue Pigeon Blood Discus, Blue Snakeskin Discus, Marlboro Red Discus, Blue Diamond Discus, Red Scribbled Discus. As always, these discus are in perfect condition and even eating dried foods!

FRESHWATER FISH:

Livebearers – Super Fancy Guppies (locally bred), Marigold Swordtails, Red Velvet Swordtails, Assorted Platies, Black Yucatan Mollies, Silver Lyretail Mollies.

Catfish/Loaches/Plecostomus – Rarely Corydoras Cervinus Catfish (HUGE), Albino Corydoras Catfish, Tank Bred Beautiful Corydoras Sterbae Catfish, Spotted Pictus Catfish, Baby Hoplosternum Catfish, 2” Clown Loaches, Rubber Dwarf Plecostomus, Common Plecostomus, Angelicus Loaches, Striata Loaches.

Brackish – Silver Scatophagus, Green Spotted Pufferfish, Bumble Bee Gobies, Archerfish, Mudskippers.

Tetras / Rasboras / Barbs / Danios – White Clouds, Large Tiger Barbs, Pencilfish, Diamond Bleeding Heart Tetras, Red Serpae Tetras, XL Congo Tetras, Rummynose Tetras, XL Neon Tetras. Sorry but Cardinal Tetras once again arrived DOA.

Gouramis / Bettas – Pearl White Male Fighter Bettas, Assorted Color Female Bettas, Gold Gouramis, Opaline Gouramis, Large Pearl Gouramis.

Cichlids (Dwarf, South American, African) – Large (and beautiful) Geophagus Altifrons Earthaters, Geophagus Surinamensis Earthaters, German Blue Rams, Altum Angelfish, Medium Green Terrors, Texas Cichlids, 200 Assorted African Mbuna Cichlids.

Other – Denisonii Roseline Sharks (awesome color), Polypterus Palmus, Leporinus Fasciatus, African Ropefish, Tank Bred Black Ghost Knives, Electric Green Glo-Fish (finally), Clown Killiefish (cool), African Clawed Frogs, Albino Clawed Frogs, Dwarf African Frogs, Orange Bee Japonica Shrimp, Red Cherry Shrimp, Regular Japonica Shrimp.

Goldfish – Medium Black Butterfly Moors, Medium Red Cap Orandas, Medium Red & White Orandas, Medium Red & White Ryukins, Medium Red Orandas, Small Assorted Orandas.

Koi, Pond Fish and Pond Plants – Our pond area is now open and is filled to the brim with Comet Goldfish (medium and jumbo),

Shubunkins, koi (Domestic & Japanese), water lilies, oxygenators, jumbo bullfrog tadpoles, bog plants and floating island plants. Japanese Koi are stunning! **Tropical lilies, lotus, new floating island plants and new bog plants arrived late last week. The tropicals and lotus are of excellent quality and size. King of Siam tropical lilies are expected in limited numbers on Friday.**

Live Aquarium Plants (Expected Friday):– Giant Hygrophylia, Broad Leaf Red Ludwigia, M/L Amazon Sword Plants, Ludwigia Peruensis, Water Wisteria (H. difformis), Green Wedntii Crypts, Red Wedntii Cryptps, Red Nesaea, Pog. Helferli.

The list above represents only the most recent livestock shipment. We have MANY other species available at the store!

SALTWATER FISH:

Angels / Butterflyfish – Bright Red Flame Angelfish, Coral Beauty Angelfish, Midnight Nox Angelfish, Koran Angelfish, Lemon Peel Angelfish, Red Pearlscale Butterflyfish, Black & White Heniochus Butterflyfish

Clownfish – Gold Bar Maroon Clownfish, Regular Maroon Clownfish, XXL True Percula Clownfish, Medium True Percula Clownfish, Ocellaris Clownfish, Sebae Clownfish, Tomato Clownfish.

Gobies / Blennies – Scooter Blennies, Pink Spot Elongated Algae Blennies (New), Gold Canary Blennies, Yashia Haze Gobies, Rainfordi Gobies, Diamond Sifter Gobies, Dragon Sifter Gobies, Yellow Watchman Gobies.

Wrasses / Hogfish – Small Harlequin Tuskfish, Rainbow Tonga “Q” Wrasses, Dragon Wrasses, Juvenile Red Coris Wrasses, Large Sixline Wrasses, Lunare Wrasses, Brown Bird Wrasses.

Tangs / Rabbitfish – Blue Regal Tangs, Powder Brown Tangs, Yellow Tangs, Orangefin Tominiensis Tangs, Foxface Rabbitfish.

Triggerfish / Eels / Puffers – Dogface Pufferfish, Valentini Pufferfish, Niger Triggerfish, XXL Niger Triggerfish, Clown Triggerfish, Baby Humu Triggerfish. Small Snowflake Moray Eels.

Lionfish – Fuzzy Dwarf Lionfish, Volitan Lionfish.

Other – Small Tassled Filefish, Sunburst Fathead Anthias, Fridmani Pseudochromis, Purple Rhinopias Scorpionfish, Assorted Damselfish.

INVERTEBRATES:

Snails / Cucumbers / Starfish / Urchins – XL Nassarius Sand Sifting Snails, Pyramid Trochus Snails, Cateye Turbo Snails, Tuxedo Urchins, XL Cucumbers, Red/Orange Linkia Reef Starfish.

Crustaceans – Bright Red Fire Shrimp, Medium Cleaner Shrimp, Galathea Dwarf Reef Lobsters, Tiger Pistol Shrimp, Sally Lite Foot Crabs, Large Electric Blue Reef Hermits, Redtip Cortez Reef Hermits.

Corals / Polyps / Mushrooms – Bright Green Wellsophyllia Corals, Orange Sun Tubastrea Corals, Assorted Color Indonesian Mushroom Rocks, Orange/Red Yuma Mushroom Rocks, Bright Orange Caribbean Ricordea Polyps, Awesome Hammer Corals, Super Frogspawn Corals, Nice Torch Corals, Blasstomussa Wellsi Corals, Toadstool Leather Corals.

Other – Blue/Green Crocea Cultured Clams, Bluespot Seahares, Ultra Green Bubble Anemones, True Pink Rose Bubble Anemones, Pink Feather Dusters, Nice Selection of Cured Live Rock.

This list is based on our most recent shipment of saltwater livestock. There are many other species available in the store not included in this list.