



January 23, 2007

tideline aquatics Newsletter

Tideline Aquatics Store Hours

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

Using Proper Acclimation Procedures When Adding New Fish

One of the most important considerations when adding new fish to your aquarium is the method one uses for adjusting them to their new environment. Most often, people float the bag for about 20-30 minutes and then pour the new fish directly into the aquarium. When using this method, the fish are only acclimated to the water temperature when actually there are many other factors that can affect the new fish. One should consider differences in pH, ammonia, nitrite, nitrate, carbonate hardness (KH) and general hardness (GH – freshwater fish only). Sudden changes in one or more of the parameters previously mentioned are enough to cause stress and/or shock to any new fish. That said, here is the method we suggest for adding new fish to your aquarium:

1. Float the sealed bag in the aquarium for 20-30 minutes.
2. Now empty the bag of water with the fish (or invertebrate) into a 'fish safe' container (bucket, deep bowl, etc). Be sure that the fish can remain upright in the water. If the

water level is too low, lean the container slightly so the water will be deeper for the fish.

3. Now start a siphon with a length of airline tubing that goes from the aquarium to the container with the fish or invertebrate.
4. Tie a loose knot in the airline until the water flowing from the tubing is a steady, flowing drip.
5. Allow the water in the container with your new fish to at least double in depth. This will take about 30-45 minutes.
6. Now capture the fish with a net or a small container and add it to the aquarium, discarding the remaining water in the acclimation bucket.

Note: Instead of just airline tubing, you can also use a drip acclimator. This device is only about \$2-\$3 and has a valve for adjusting the water flow from the aquarium to the acclimation bucket. One should also be aware that all of the fish you purchased that day might have not come from the same water at the store. In this case, fish from different water sources should be acclimated separately. At Tideline, we would be happy to mark your fish bags for fish that can be acclimated together and ones that should be acclimated separately.

As the water drips from your aquarium to the acclimation bucket that contains your new fish, changes in water quality (pH,

ammonia, nitrite, etc) occur much more slowly preventing your new fish from becoming as stressed as the old 'float and release' method. Less stress greatly reduces the chances of losing a new fish and can even reduce the chances of a new addition breaking out with a stress-related disease.

Last, be sure that your new fish is not being harassed by the fish that were already established in your aquarium. If you see this happening (common esp. when adding new saltwater fish), you can try rearranging the decorations in the tank to break up territorial disputes. If this does not work, simply put the AGGRESSOR, not the new fish, in a holding cage within the tank for 24 hours. This will allow your new fish to establish some territory so when the aggressor is released in 24 hours, the new fish will likely stand its ground against the established bully.

LOCAL CLUBS / ORGANIZATIONS

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 – Visit CMAC's website at: www.columbiamac.org

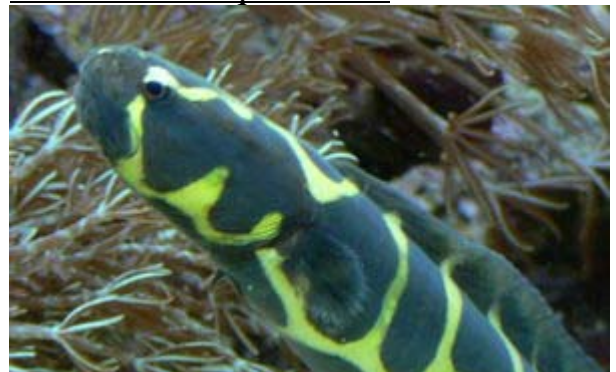
Fish of the Week



JUV. ENGINEER GOBY (PHOLIDICHTHYS LEUCOTAENIA)
Pictured above are the juvenile colors of the hardy and peaceful Engineer Goby. The juvenile pattern mimics the venomous Coral Catfish. Having this pattern as a juvenile gives this fish the perfect protection from predators.



CORAL CATFISH (PLOROSUS LINEATUS)
As the fish matures, the stripes become mottled, eventually giving the engineer goby an almost polka dot pattern. This fish eventually reach a size of 8"-10" but they do grow slowly. Engineer gobies love to dig spending day and night excavating the sand and/or gravel bed of the aquarium. This is just one of the coupon specials this week at: www.tidelineaquatics.net



ADULT ENGINEER GOBY PATTERN



Pond Tour 2007

Wanted: Local Garden Ponds and Koi Ponds

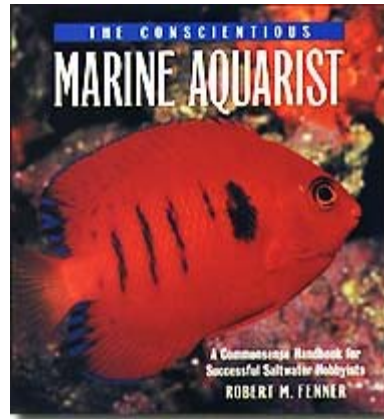
Do you or your neighbor have a garden pond in their yard? The Charleston Showa Koi Club is already getting things together for Pond Tour 2007 and they are looking for new ponds to add to the tour. If you, a friend or neighbor has a garden pond and may be interested in including it in the pond tour, please contact me (Chris) at Tideline Aquatics. You can reach me by phone at (843) 744-8551 and by email at: chris@tidelineaquatics.net

Do not be shy, we will come out and view your pond to see if it meets the requirements of the pond tour. It is a big event that will cost you nothing but your time the day of the tour. A portion of every pond tour ticket sale goes to the John Ancrum SPCA.

An Event You Do Not Want To Miss!

Bob Fenner's CMAC Presentation

Bob Fenner, author of "The Conscientious Marine Aquarist" is doing a presentation for the Columbia Marine Aquarium Club (CMAC) on Saturday, February 10th at 6:15pm. The topics will be: Selection of Livestock in the ARC at Riverbanks Zoo, Conscientious Marine Aquarist.



There is also a "Meet Bob Fenner Dinner" on Friday, February 9th at 7:30pm. You can find all the details by going to CMAC's website at: <http://columbiamac.org>. I (Chris from Tideline) am planning on attending both events and I suggest that anyone that keeps marine fish or is interested in marine aquariums try to attend.

What's New This Week

FEEDERS: (NOW IN STOCK)

Live Black Worms, Rosy Reds, Guppies, Feeder Comets.

NOTE: We are out of feeder crayfish and feeder fiddler crabs until Wednesday of next week.

RARE AND UNUSUAL FRESHWATER FISH:

South American Reticulated Freshwater Stingrays, True Tigrinis Shovelnose Catfish, Large Black Arowana, Jumbo Clown Loaches, Teleocichla monogramma Goby Cichlids (Peaceful), Elephant Nose from Africa, Gold Australe Killiefish Pairs, African Mudskippers, New and Beautiful Firecracker (also known as Galaxy) Rasboras, Ctenopoma (now actually Microctenopoma) ansorgii (these are incredible and completely conditioned), Red Rineloricaria lanceolata Whiptail Catfish, Red Rineloricaria microlepidogaster Whiptail Catfish (both types are beautiful reddish orange scavengers), Steatocranus irvinei Buffalo Heads (the blue-lipped buffalo heads from Ghana's Volta River in Africa), Taeniacara candidi Dwarf Cichlid Pairs (rarely found and in perfect condition),

Uaru amphioanthoides (a larger growing fairly peaceful South American Cichlid), Pelvicachromis taeniatus 'Nigerian Red' Pairs (the bright red kribensis variety), Parosphromenus alfredi Gouramis (awesome juveniles), Pelvicachromis taeniatus 'Makoure' Pairs (the beautiful yellow-faced kribensis), Pseudocrenilabrus nicholsi Pairs (from the Congo of East Africa!).

GOOD OLE FRESHWATER STAND-BYS:

Red Tuxedo Swordtails, Candy Pineapple Swordtails, Assorted Color Platies, Male Bettas, Female Bettas, Large Black Ruby Barbs, Longfin Male Rosy Barbs, Pink Kissers, German Blue Rams, Premium Mix African Cichlids, XL Mbuna African Cichlids, Horseface Loaches, Bala Sharks, Dragonfish Gobies, Green Scats, Mono Sebaes, Green Spotted Pufferfish, Knight Gobies, Large Assorted Angelfish, Small Veiltail Koi Angelfish, Small Assorted Angelfish, Freshwater Flounders, Cardinal Tetras (limited), Large Rummynose Tetras, Fancy Dwarf Gouramis, Assorted Oscars, Small Clown Loaches, Redtail Sharks, Glolite Tetras, Harlequin Rasboras, Green Terrors, Gold Gouramis, Opaline Gouramis, Zebra Danios, Albino Lyretail Gold Mollies, Fancy Guppies, Red Eye Tetras, Black Skirt Tetras, Serpae Tetras, Red Phantom Tetras, Black Phantom Tetras, Rosy Tetras and much, much more!!!

NEW DISCUS SHIPMENT FROM GERMANY NOW READY FOR YOU!

5" Blue Diamond Discus, 4"+ Marlboro Red Discus, 3"+ Blue Diamond, Red Pigeon Blood, Blue Pigeon Blood, Marlboro Red, Red Turquoise and Common Pigeon Blood Discus. These are extremely nice even eating flake foods!

LIVE AQUATIC AQUARIUM PLANTS (NOW IN STOCK):

Bacopa carolinia Bunches, Didiplis diandre Bunches, Wisteria (Hygrophylia difformis) Bunches, Red Foxtail Bunches, Rotala wallichii Bunches, Rotala indica Bunches, Aponogeton boivinianus Bulbs, Aponogeton ulvaceous Bulbs, Medium Amazon Swords, M/L Marbled Ozelot

Swords, Cryptocoryne Red wendtii Clumps, Moss Balls, Dwarf Lily Bulbs, Italian Vallesneria, Corkscrew Val, Micro Sword Clumps, Crinum Onion Bulbs, Anubias on Driftwood, Rare Crinum Natans and Rarer Crinum Calimistratum Onions.

SALTWATER FISH (ARRIVED ON MONDAY!)

Assorted Damsel fish, Hawaiian Flame Angelfish, Hawaiian Potters Angelfish, Tonga Starcki Damsel fish, Tonga Coral Beauty Angelfish, Bali Tomato Clownfish, Indian Ocean Square Back Anthias, Fiji Female Red Lyretail (Squamipinnis) Anthias, Bali Engineer Gobies, Bali Dragon Sifter Gobies, Bali Firefish Gobies, Bali Bicolor Basslets, Vietnam Tank Bred Seahorses, Indian Ocean Dogface Pufferfish, Indian Ocean Valentini Pufferfish, Java Sea Bluetail Tang, Bali Bursa Triggerfish, Bali Green Leaf Wrasses, Sri Lanka Diana Hogfish, Sri Lanka Coral Hogfish, African Sixline Wrasses, Bali Gold Striped Cardinalfish.

SALTWATER FISH (ARRIVED LAST FRIDAY):

Indian Ocean Scooter Blennies, Indian Ocean Large Green Clown Gobies, Hawaiian Fuzzy Dwarf Lionfish, Indian Ocean Volitan Lionfish, Indian Ocean Blue Jaw Triggerfish, Indian Ocean Dragon Wrasses, Indian Ocean Assorted Fairy Wrasses, Caribbean Royal Grammas, XL Caribbean Blue Reef Chromis, Indian Ocean Green Chromis, Caribbean Yellow Neon Wrasses, Caribbean Blue Neon Gobies, Bali Clown Triggerfish and more!

SALTWATER INVERTEBRATES (NOW IN STOCK):

XL Sand Sifting Nassarius Snails, Caribbean Black Nassarius Snails, Cortez Redleg Reef Hermits, White Eggshell Sand Sifting Snails, Caribbean Turbin Snails, Margarita Snails, Mexican Turbo Snails, Cortez Cerith Snails, Nerite Snails, Caribbean Scarlet Reef Hermits, Electric Blue Reef Hermits, Java Golden Banded Shrimp, Caribbean Coral Banded Shrimp, Large Sri Lanka Cleaner Shrimp, Green Pistol Shrimp, Bali Purple Reef Lobsters, Caribbean Peppermint Shrimp, Green Bubble Anemones, Purple Tip

Sebae Anemones, Long Tentacle Anemones, Caribbean Condylactus Anemones, Caribbean Flowering Rock Anemones, Green Emerald Crabs, Sally Lite Foot Crabs, Pencil Urchins, Short Spine Urchins, Feather Dusters, Arrow Crabs, Common Sifter Cucumbers, Anemone Crabs and more!

CORALS NOW IN STOCK:

Red/Pink Centered Zoanthid Polyp Rocks, Yellow Polyp Rocks, Cultured Acropora Corals, Assorted Acanthastrea echinata Corals, Assorted Favia Brain Corals, Green Cactus Pavona Corals, Blasstomussa merletti Corals, Turbinaria Cup Corals, Green Fox Corals, Green Stylocoeniella Corals (very nice!!), Trachophylia Corals, Green Hydrophora Corals, Lobophylia Corals, Christmas Tree Worms on Porites Coral, Blasstomussa wellsii Coral, Toadstool Leather Corals, Rabbit Leather Corals, Spaghetti Leather Corals, Green Star Polyp Rocks, Xenia Corals, Blue Xenia Corals, Assorted Mushroom Rocks from Indonesia and more!

Check out the new customer photo gallery on our website!!!!

If you have some good photos of your fish, reef, pond or aquarium, please email them to the webmaster at: brian@prybo.com



A beautiful photo taken from Andrew and Sam's tank now found in our photo gallery. Add your best aquarium photos by sending them to the address above!