



September 24, 2008

tideline aquatics Newsletter

Tideline Aquatics Store Hours

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

COOLER WEATHER AND YOUR FISH

The weather has changed quickly this month and the drop in temperatures should alert you to a few issues that could affect your aquarium.

1. Monitor the water temperature in your aquarium. Check the temperature when you first wake up in the morning, check it again during the day and once again before bedtime. If the water temperature is changing more than a two degrees at any point, check to see that your aquarium heater is working properly or is set to the proper temperature setting. This is the time of year we have dozens of customers coming in due to their aquarium breaking out with diseases like ich. Temperature swings cause stress to your fish allowing the evil ich parasite to become active in the aquarium. Prevent it by watching your temperature. If your heater is not keeping up, consider replacing it with a larger wattage heater or add an additional heater to stabilize your aquarium water temperature. This is especially true if you begin leaving your windows open.
2. If you purchase your water from us or if you mix it yourself at home, check the temperature of your new water before using it in your aquarium. Purchased water can cool off during transit and home-mixed water is cooler coming out of the tap. You may need a separate heater from warming up the water for your partial water changes.
3. When purchasing fish this time of year, try to get them home as soon as possible to prevent them from becoming chilled in transit. If you plan on doing more shopping after you purchase fish from us, just ask us for a cooler to house your fish in until you get home. This is a free service at Tideline and the cooler will help to insulate your fish bags until you get them home. Be aware that we sometimes run out of coolers this time of year but will provide them as long as we have them. Small bags of water can change in temperature quickly so be sure and protect your new purchase by keeping the bags insulated as much as possible.
4. In the summer months, one can become pre-occupied with outdoor activities, vacation, back to school, etc. During this busy season, sometimes your aquarium gets pushed aside in priority. Test your aquarium water at least once per month but preferably once per week. Keeping the water quality in your aquarium safe is your responsibility. Good water quality will ensure your fish have a strong immune system making them stronger and more disease resistant. Bring your focus back to your aquarium and give your fish the best chance for a long and healthy life.
5. If you have a betta in a bowl or small aquarium, the water temperature WILL drop in the fall and winter months. Water temperatures below 74 degrees will kill your betta! There are small heating devices designed just for betta tanks and bowls. In cool water, your betta will first begin to eat less. Soon it will become inactive. Eventually, it will succumb to a disease organism from stress. Add a heater!

ADVANCED ICH ON A CLOWN LOACH



WINTERIZING YOUR POND



Just in the last seven days, my (Chris) personal ponds water temperature has dropped into the lower 70's. Smaller ponds have likely dropped into the upper 60's! With the fall comes time for you to get your pond ready for the coming colder months. First, if you have a plecostomus (the algae eating fish) in your pond you need to catch it and trade it in at the store NOW. Once the water temperature gets below 74 degrees, the fish begin to suffer. Plecostomus do not survive winter in our climate. We will give you a credit

slip for your trade-in plecostomus that you can use toward the purchase of another one when the pond water warms back up in the spring.



TIME TO REMOVE YOUR PLECOSTOMUS FROM THE POND!!

Soon your water plants will begin to fade as they go dormant for the winter. As the leaves begin to discolor, remove them before they break off and decay in your pond. Dying plant material left in the pond will cause algae problems in the spring! Stop fertilizing your plants and allow them to go dormant.



FADING LOTUS LEAVES PICTURED

Give your pond a head start by performing a 25%-35% partial water change. Remove debris from the bottom of the pond while the water is low. Refill your pond with treated tap water or well water. Be sure to buffer up your carbonate hardness (KH or alkalinity) to stabilize the pH of the water. Clean the biological filter media (bioballs, bio-ribbon, shredded pvc, etc) with some of the old pond water, well water or treated tap water (never with chlorinated water). This will remove trapped muck within the media allowing better water flow and water enriched with oxygen to reach the beneficial bacteria that are established on the media. This will also

improve the health of your biological filter when the water warms back up in the spring and your fish once again become more active.



DISEASE ORGANISMS THRIVE IN POND MUCK!!

In the coming weeks, leaves will begin to fall from the trees. Either cover your pond with a pond net material or go outside with a dip net every couple of days and dip out the leaves before they begin to decay in your pond. Decaying leaves will turn your pond water dark brown and cause major algae outbreaks in the spring! Decaying material can also cause a pH crash that can kill your fish. Pond nets are inexpensive compared to the cost of your pond and its fish. If you do not think you will be able to keep the leaves dipped out, cover your pond now. If your pond water is already dark or brown in color, add a bag of activated carbon to the filter. Within a couple of days, the pond water will once again be clear!



In the coming weeks you will want to switch your pond food to a wheat germ based food. This food is processed quickly by the fish reducing the chances of the fish developing bloat from food not being processed quickly enough by the digestive system of fish will slowed metabolism caused by the cooler water. Once the water temperature drops below 55 degrees, we suggest

not feeding the fish at all. On warm days the pond water temperature may rise above 55 degrees. Feeding them wheat germ based foods is safe during these warmer days if the fish are active. Do not worry, your fish will not starve to death if you “beef” them up now with a wheat germ food. We just received our fall/winter food shipment for your pond fish.



WATER GARDEN CLEANER ASF

Last, begin using one of the biological additives designed for reducing the organic material in your pond. These products have bacteria that thrive on organics thus cleaning your pond and improving the water conditions. By adding these products at least once per month, you will have less algae problems, more stable water conditions and clearer pond water. Remember that even though your fish are dormant once the water gets cold, they still need proper water quality to keep them strong. A little extra work now will make your pond and your pond fish healthier in winter and when they come out of dormancy in the spring.

Tideline customer Mark Jackson suggested we discuss getting your pond ready for winter for this week's newsletter. Thank you for the suggestion Mark! If anyone wants to offer suggestions for our weekly newsletter, please just email me at: chris@tidelineaquatics.net



NEW PHOSPHATE LOW RANGE PHOTOMETER TEST KIT NOW AVAILABLE!

If you are a hobbyist that requires only the best of gadgets for your aquarium, then the new Photometer Phosphate Test Kit by Milwaukee should be under your cabinet stand!



Professional-grade Photometer allows detection of even the minutest quantities of phosphate in your aquarium's system. Using the adaptation of ascorbic acid method, the tungsten lamp is capable of determining phosphate concentrations at levels from 0.00 - 2.50 mg/L, with an amazing resolution to the nearest 0.01 mg/L. Auto calibration makes it ready for use at any time. Also includes a hard carrying case, two cuvetts, reagent chemicals, wiping tissue and instruction manual. Never be in the dark about your aquarium's phosphate levels again! We have this test kit available NOW for only \$199.00.

WHATS NEW AT TIDELINE?

FEEDERS (LOOK BELOW!!!):

Feeder Ghost Shrimp (PLENTY), Feeder Guppies (PLENTY), Feeder Rosy Reds (LOTS), Feeder Goldfish (LOTS), Feeder Fiddler Crabs (PLENTY), Live Black Worms (PLENTY), Feeder Crayfish (GETTING LOW).

FRESHWATER FISH:

Livebearers – Assorted Swordtails, Dalmation Mollies, Halfbeaks, Sailfin Mollies, Assorted Platies, Gold Dust Mollies, Lg Marigold Lyretail Swordtails, Endler's Livebearers, Black Yucaton Mollies.

Catfish/Loaches/Plecostomus – Siamensis Flying Fox Algae Eaters, Tank Bred Bushynose Plecostomus, L007 Dracula Plecostomus, L018 Gold Nugget Plecostomus, Pygmy Corydoras Catfish, Horseface Loaches, Banded Coolie Loaches, Black Coolie Loaches, Turashukin Catfish, Hypostomus Plecostomus, Chinese Butterfly Sucker Loaches, New Sgt Major Botia Loaches, Golden Marble Chinese Algae Eaters, Tank Bred Otocinclus Dwarf Algae Eaters, Golden Dojo Weather Loaches, Corydoras Metae Catfish, Schwartzi Corydoras Catfish, 2" Clown Loaches, Clown Plecostomus, Common Plecostomus, Four-line Pictus Catfish, Striata Loaches.

Brackish – Tank Bred Mono Sebae, Australian Gold Desert Gobies, Tank Bred Mono Argentius, Green Spotted Pufferfish, Green Scatophagus, Tank Bred Archerfish.

Tetras / Rasboras / Barbs / Danios – Large Neon Tetras, Orange Von Rio Tetras (beautiful), Electric Green Glo-fish (limited numbers available), Resplendens Rasboras (awesome), Tank Bred Cardinal Tetras, Sunburst Orange Glo-fish, Longfin Black Skirt Tetras, Red Serpae Tetras, Bloodfin Tetras, Scissortail Rasboras, Harlequin Rasboras, Longfin Rosy Barbs, Red Cherry Barbs, NEW Octozona Barbs, Lg Congo Tetras, Red Phantom Tetras, Lg Zebra Danios, Red Starfire Glofish Danios, Blind Cave Tetras, Tiger Barbs, Medium Silver Dollars, White Cloud Mountain Minnows, Green Fire Tetras, Pristella Maxillaris Tetras, Gold Barbs.

Gouramis / Bettas – Male Bettas, Female Bettas, Black Spiketail Paradise Gouramis, Red Paradise Gouramis, Gold Honey Gouramis, Opaline Gouramis, Small and M/L Leopard Ctenopoma, Platinum Gouramis, Powder Blue Dwarf Gouramis, Red Flame Dwarf Gouramis, Neon Dwarf Gouramis, Mixed Color Female Bettas, Gold Gouramis, Pearl Leeri Gouramis.

Cichlids (Dwarf, South American, African) – Geophagus jurupari Earthers, German Blue

Rams, German Gold Rams, Awesome XL German Gold Rams, Festae Cichlids, Lg Albino Compressicep Cichlids, Geophagus 'Red Head Tapajos' Eartheaters, Baby Peacock Bass, Apistogramma Fancy Pairs, Livingstoni African Cichlids, Polystigma African Cichlids, Golden Rock Kribensis Cichlids, Dwarf Checkerboard Cichlids, Altispinosa Bolivian Rams, S/M Jaguar Cichlids, M/L Jaguar Cichlids, Electric Blue Jack Dempseys, Small Oscars, Medium Striated Pike Cichlids, S/M Orange Pike Cichlids, Rare Metae Cichlids, Small Jaguar Cichlids, Assorted Medium Peacock Cichlids, Lg Male Electric Blue Ahli Cichlids, M/L Gold Severums (nice), Medium Firemouth Cichlids, Keyhole Dwarf Cichlids, Green Terror Cichlids, XL Wild Caught Altum Angelfish (Nice), Assorted Small Standard Angelfish, Julidichromis Cichlids, Frontosa African Cichlids, Assorted Premium Mbuna African Cichlids, Assorted Medium Oscars, Texas Cichlids.

Other – Jumbo Algae Eating Japonica Shrimp, Freshwater Flounders, Colombian Shark Catfish, Rainbow Sharks, Redtail Black Sharks, Leporinus Fasciatus, Roseline Denisonii Sharks, Freshwater Stingrays, Freshwater Lionfish (ugly beasts), Medium Silver Arowanas, Jumbo Fire Eel, Butis butis, Tank Bred Alligator Garfish, Electric Blue Crayfish, XL Elephantnose, Ornate Double Trunk Elephantnose, Australian Gold Desert Gobies, Golden Halfbeaks, African Butterflyfish, Furcata Rainbowfish, Saber Tusk Barracudas, Lg Silver Arowanas, Tank Bred Black Ghost Knives, Medium and XL Clown Knifefish, Yellowtail Spiny Eels, African Ropefish, Chinese Algae Eaters, Bala Sharks, Orange Japonica Shrimp, Olive Nerite Snails, Medium Silver Dollars, South American Dragonfish Gobies, Dwarf African Frogs, Albino Clawed Frogs, Black African Frogs, Md Tiretrack Eels, Electric Green, Red Starfire & Orange Glo-fish, Red Cherry Shrimp, XL Albino Clawed Frogs.

Goldfish – Medium Assorted Orandas, Assorted Ryunkin Fantails, Small Assorted Fantails, Small Black Moors.

Koi, Pond Fish and Pond Plants – XL and Jumbo Butterfly Koi, XL and Jumbo Domestic Koi, Small Koi, Medium Koi, Medium Butterfly Koi, Shubunkins, Pond Comets.

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

SALTWATER FISH:

Angels / Butterflyfish – Flame Angelfish, Changing Annularis Angelfish, Majestic Angelfish, Adult Annularis Angelfish, Venustus Angelfish, Asfur Angelfish, Nice Koran Angelfish, Fiji Coral Beauty Angelfish, Golden Pygmy Angelfish, Halfblack Angelfish, Super Rare Blueline Angelfish, Kleini Butterflyfish, Mertensii Butterflyfish, Yellow Longnose Butterflyfish, Saddleback Butterflyfish, Black & White Heniochus Butterflyfish

Clownfish – Pair True Black Ocellaris Clownfish (incredible!), Clarkii Clownfish, True Percula Clownfish, Small Gold Bar Maroon Clownfish, XXL Black Saddle Clownfish, Sebae Clownfish, African Allardi Clownfish, Black Percula Clownfish, Orange Skunk Clownfish, Baby Tomato Clownfish, Small Tomato Clownfish, Medium Tomato Clownfish

Gobies / Blennies – Bumble Bee Gobies, Common Firefish Gobies, Purple Firefish Gobies, Bicolor Blennies, Bluehead Fang Blennies, Starry Algae Blennies, Randallii Gobies, Rainfordi Gobies, Scissortail Gobies, Green Clown Gobies, Yellow Clown Gobies, Spotted Mandarins, Green Mandarins, Dragon Sifter Gobies, Banded Steinitz Watchman Gobies, Yellowtail Mozambique Fang Blennies, Yellow Watchman Gobies, Bluespot Watchman Gobies, Blue Spotted Jawfish, Golden Canary Blennies, Scooter "Blennies", Blue Gudgeon Torpedo Gobies, Green Gudgeon Torpedo Gobies, Yellow Priolepsis Gobies, Fiji Yellow Citron Clown Gobies, Bluefin Watchman Gobies, Candy Cane Gobies, Orange Spotted Guttata Gobies.

Wrasses / Hogfish – Dragon Wrasses, Coral Hogfish, Candy Hogfish, Green Melanurus Wrasses, RARE Yellow Pedito Hogfish, Assorted Fancy Fairy Wrasses, Twelve Line Wrasses, Sixline Wrasses, Green Bird Wrasses.

Tangs / Rabbitfish – Purple Tangs, Chocolate Tangs, Mimic Yellow Tangs, Starry Rabbitfish (awesome), Hawaiian Naso Tangs, Powder Blue Tangs, Powder Brown Tangs, Hawaiian Yellow Tangs, Orangefin Tangs, Sailfin Tangs,

Hawaiian Orange Shoulder Tangs, Yellow Eye Kole Tangs, Foxface Rabbitfish, Baby Blue Regal Tangs.

Triggerfish / Eels / Puffers – Pinktail

Triggerfish, Bluejaw Triggerfish, Dogface Pufferfish, Humu Triggerfish, Rectangulus Triggerfish, Valentini Pufferfish, S/M Snowflake Moray Eels, Zebra Moray Eel, Green Wolf 'Eel', Niger Triggerfish, Clown Triggerfish, Black Indicus Triggerfish

Lionfish – Black Volitan Lionfish, Red Miles Dwarf Lionfish, Dwarf Lionfish

Other – Green Chromis, Blue Spotted Jawfish, Bicolor Pseudochromis, Neon Arabian Pseudochromis, Bartlett's Anthias, Black Cardinalfish, Marine Betta, Big Eye Squirrelfish, Kauderni Cardinalfish, Gold Striped Cardinalfish, Hifin Snapper, Pink Square Anthias, Neon Velvet Damselfish, Green Mandarin Dragonettes, New Red Pseudochromis, Longnose Hawkfish, Red Striped Squirrelfish, Shark Egg Capsules, Miniatus Grouper (baby and large), Whiptail Snapper, Assorted Damselfish.

INVERTEBRATES:

Snails / Cucumbers / Starfish / Urchins –

Basket Starfish, Common Sifting Cucumbers, Pink Cucumbers, Pink Trochus Algae Snails, Mexican Turbo Snails, Spiny Algae Snails, Banded Serpent Starfish, XL Tonga Nassarius Snails, Red Striped Trochus Snails, Pyramid Reef Snails, Small Nassarius Snails, Caribbean Turbin Snails, Cerith Snails, Chocolate Chip Starfish.

Crustaceans – Cleaner Shrimp, Caribbean Peppermint Shrimp, Red Fire Shrimp, Blueleg Reef Hermits, Sallylite Foot Crabs, Strombus Conch Snails, Arrow Crabs, Red Tip Reef Hermits, Electric Blue Reef Hermits, Halloween Reef Hermits, Sexy Shrimp, Anemone Crabs, Green Emerald Crabs, Pom Pom Crabs, Coral Banded Shrimp.

Corals / Polyps / Mushrooms – Pink Fungia Plate Coral, Green Fox Corals, Speckled Leather Corals, Tonga Bullseye Mushroom Rocks on Branches, Green Duncanopsamia axifungi Coral, Purple Lemnalia Tree Corals, Clove Anthelia Polyps, Green Daisy Polyp Rocks, Rings of Ice

Zoanthids, Rings of Fire Zoanthids, Super Orange Glow Zoanthids, Bright Pink Zoanthids, Yellow Polyps, Green Zoanthid Rocks, Metallic Green Zoanthid Rocks, TRUE BLUE ZOANTHID ROCK (EXPENSIVE), Green Fiji Toadstool Leather Corals, Pagoda Turbinaria Cup Corals, Candy Caulestrea Corals, Green Trachyphilia Corals, Green Branch Lobophyllia Corals, Green Scolymia Vitiensis Corals, Orange Scolymia Vitiensis Corals, Green Star Polyp Rocks, Super Cultured Acroporas, Green Hydnochora Corals, Assorted Indo Leather Corals, Assorted Indo Mushroom Rocks, Red Chili Soft Coral.

Other – Golden Derasa Clams (small size!), Small and M/L Blue Crocea Clams, Squamosa Clams (hard to find!), Bubble Anemones, Long Tentacle Anemones, Brown Sebae Anemones, Blue Spiny Lobsters, Hawaiian Feather Dusters, Red Hard Tube Coco Worm Dusters.

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