October 22, 2008

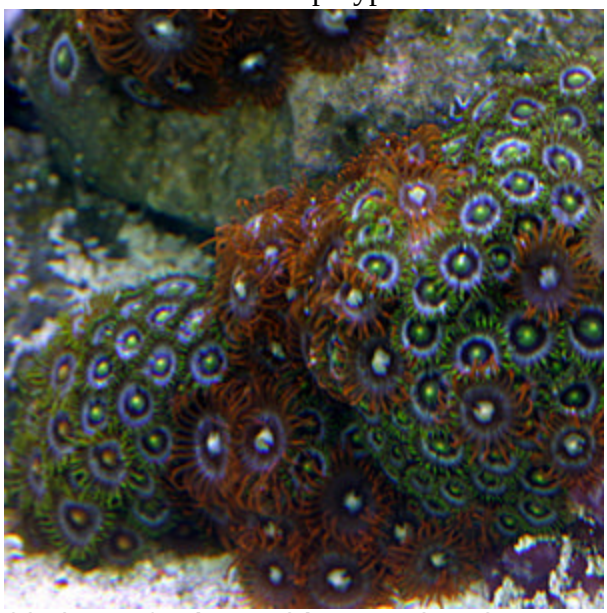
tideline aquatics Newsletter

Tideline Aquatics Store Hours

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

KEEPING ZOANTHIDS HEALTHY

After discussing live rock last week, we thought perhaps you would like some information on hardy organisms that colonize on the surface of the live rock – zoanthid polyps.



COLORFUL & HARDY ZOANTHID POLYPS

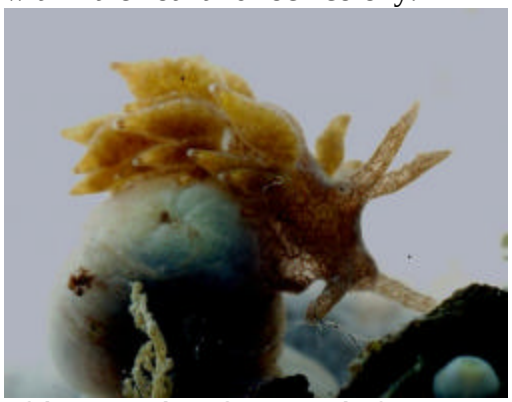
With a simple and relatively inexpensive dual lamp high output T5 reef light, most zoanthids will thrive and multiply in the aquarium. The lights should be run about 8-10 hours per day on a regular lighting schedule (use a timer). Zoanthids come in colors of green, orange, pink, red, brown, gold, yellow and even blue. These animals are photosynthetic but they multiply much faster with regular feedings of meaty foods like mysis shrimp, brine shrimp, plankton and cyclops. Bottled foods like Marine Snow and Zooplex are also suggested. We recommend feeding these organisms about three times per week.

Zoanthids are collected on small rocks from the wild or from aquarium grown fragmented colonies. Most often, the small aquarium grown colonies are quite inexpensive though the rock may only have 5-10 zoanthid polyps compared with the more expensive wild colonies that offer a little more instant gratification with rocks fully covered in these lovely polyps.

Zoanthid rocks should be placed on your live rock formation. As the multiply, the polyps will spread over the live rock making large colonies of bright color. Placing different colored zoanthids throughout the live rock will eventually produce a carpet of these hardy false corals.

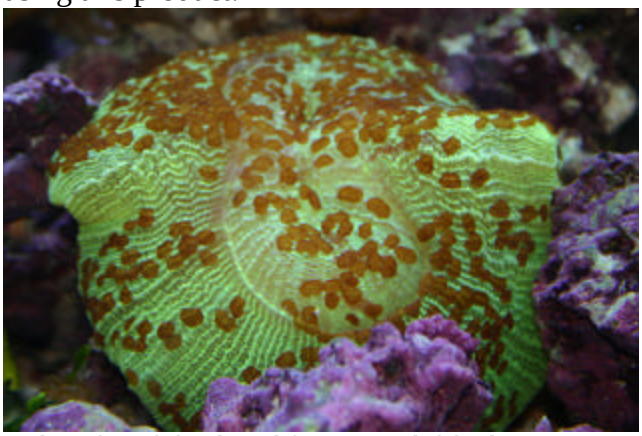
Caring for the zoanthid aquarium consists of monthly partial water changes of about 25%-30% using reverse osmosis water (sold at Tideline), deionized water or distilled water mixed with a quality salt mix. Weekly additives of liquid calcium and an iodide additive will keep your zoanthid colonies healthy. Small algae eating snails like Atlantic turbin snails, cerith snails and nerite snails should be included in your zoanthid aquarium. These snails cause not harm to your false corals and are small enough to move between the zoanthid colonies to control algae growth. Blue leg, scarlet and redtip reef hermits are also beneficial scavengers for the zoanthid aquarium.

As with any aquarium organisms there are pests that can destroy zoanthid polyps. Prevention is the best method of control for these pests. When adding new colonies of zoanthids, we suggest either quarantining new colonies in a separate tank for 14 days and/or by dipping all new zoanthid colonies in Lugol's solution using the dip instructions. During the dip, if there are pests present, they will come climbing out of the zoanthid colony where they can be removed. This method works well for removing zoanthid eating nudibranch (sea slugs) that can be hiding within the zoanthid rock colony.



ZOANTHID EATING NUDIBRANCH

Flatworms are another reef pest. Though we do not know of any actually eating zoanthids, flatworms multiply quickly and can destroy the beauty of your aquarium. For removing flatworms on zoanthids, you can use Flatworm Exit, a flatworm destroying product. You must use caution with killing flatworms in your main aquarium. Flatworms release a toxin when killed. If large numbers of flatworms are present in the aquarium, one should siphon out as many as possible before treating the aquarium. Follow the manufacturer's instructions completely when using this product.



FLATWORMS ON A TRACHYPHILIA CORAL

Rarely, you may encounter a zoanthid eating snail that hitch-hiked its way into your aquarium hidden within a zoanthid rock. These snails are rarely a problem but easy to identify if found. These snails can easily be removed by hand and discarded. Careful inspection of any new zoanthid rock you add to your aquarium can prevent the addition of these zoanthid predators.

ZOANTHID EATING PEST SNAIL

Be careful when handling zoanthid polyps. These animals are toxic to humans meaning you should always wash your hands thoroughly after

handling any zoanthid polyps (or any live coral, false coral or anemone for that matter). We have read reports of blindness from handling zoanthids and then touching the eyes. Always take care to wash your hands after working with these animals!

Of course you will want fish in your zoanthid aquarium. Most non-predatory fish will not harm zoanthids. Gobies, blennies, dwarf angelfish, jawfish, peaceful hawkfish, basslets, dwarf wrasses, cardinalfish, clownfish and dragonettes are all safe in the zoanthid aquarium. While dwarf angelfish often nip at meaty corals in the reef aquarium, this is rarely a problem with zoanthids.

So if you love the beauty of a reef aquarium but prefer something less time consuming and delicate, consider setting up a zoanthid aquarium with peaceful marine fish. With so many colors available in our hobby today, your aquarium with the beauty that are zoanthids.

FEATURED FRESHWATER PLANT; CRINUM CALAMISTRATUM

Let's start by saying that this is not a cheap live plant – retail about $25.00. BUT, this is an extremely hardy plant that thrives even under less than ideal lighting conditions. This plant sprouts from a bulb that should be planted about half way into the substrate in the center of the aquarium. The Crinum calamistratum will form deep roots before it begins its show.

Once the roots are established, the plant will begin to send out these wonderful crinkled lime green leaves that are thick and tough. The leaves will extend outward and eventually up to the surface of the aquarium making it an excellent center piece. Until about a year ago, this plant was nearly impossible to obtain but we now have a supplier that consistently stocks this rare plant. C. calamistratum enjoys good water circulation and will thrive in soft to medium-hard water. We have had excellent success with this plant even in water temperatures of 84 degrees! This plant may be expensive, but it is as tough as nails. Though slow to establish, it is worth the wait! Give one a try in your planted aquarium in the future.

OUR NEWLY DESIGNED WEBSITE IS UP AND RUNNING!

We've just launched our newly designed website. When you go to print off this weeks coupon specials, take a tour and check out all of the new features. We are FINALLY working on the freshwater section of the site and are in the process of adding a "frequently asked question" section. Soon you will find bios of all the Tideline Aquatics staff as well! We encourage

you also to participate by emailing us your favorite pictures of your fish, your aquarium and/or your garden pond for posting in the newly renovated Customer Photo Gallery. We have to thank the hard work that **Prybo.com** has done in launching our newly designed website. I (Chris) highly recommend them to anyone wanting to create a webpage for their business! We will keep you updated on when we add additional content to our website.

HAPPY HALLOWEEN FEATURE FRESHWATER FISH: THE BLACK GHOST KNIFE

APTERONOTUS ALBIFRON

We could think of no better fish to feature during the Halloween season than the extraordinary, mysterious and elegant Black Ghost Knife. This strange and usually secretive knifefish from the dark waters of the Amazon in South America is now available tank bred! These tank bred black ghost knives are more active during the day than the wild collected specimens. Being tank bred also has other benefits. These fish accept all types of dry foods, are more social with one another and are more adaptable to aquarium water conditions. Ghost knives can move forward, backward, straight up or down with the undulating fin that stretching the length of the entire fish. The addition of a hollow pipe, a clear tube (ghost house) or a rock cave will give your ghost knife the comfort they enjoy. The Black Ghost Knife should be housed with medium sized fish like gouramis, larger live-bearers, rainbowfish, angelfish, discus and similarly sized species. As full-sized adults (about 12”-14”), they can even be housed with larger peaceful cichlids like severums, uarus and geophagus. These are now about 4” long. We currently have these fish acclimated to a pH of about 7.4 in soft water at a temperature of about 80 degrees. If you want to add something unusual to your regular group of fish, the black ghost is the perfect choice. We have a super discount coupon on our website this week to give anyone that wants something different for their aquarium a chance at this lovely fish at a great price.

WHATS NEW AT tideline aquatics?

FEEDERS (see below!!!!):
Ghost Shrimp (OUT), Guppies (LOW), Crayfish, Fiddler Crabs, Goldfish (LOW), Rosy Redds, Live Black Worms (LOW).

FRESHWATER FISH:
Livebearers – Gold Crescent Platies, Sailfin Mollie Pairs, Multi-Color Fancy Guppy Pairs, XL Red Velvet Swordtails, Assorted Swordtails, Dalmation Mollies, Assorted Platies, Gold Dust Mollies, Lg Marigold Lyretail Swordtails, Black Yucaton Mollies.

Catfish/Loaches/Plecostomus – Albino Corydoras Catfish, Arcuatus (Skunk) Corydoras Catfish, Medium 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, Golden Marble Chinese Algae Eaters, 2” Clown Loaches, 5” Clown Loaches (WOW), Common Plecostomus.

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

Tetras / Rasboras / Barbs / Danios – Zebra Danios, Rummynose Tetras, Large Neon Tetras, Orange Von Rio Tetras (beautiful), Electric Green Glo-fish (WOW), Resplendens Rasboras (awesome), Sunburst Orange Glo-fish, Longfin Black Skirt Tetras, Red Serpae Tetras, Bloodfin Tetras, Scissortail Rasboras, Harlequin Rasboras, Male Longfin Rosy Barbs, Red Cherry Barbs, NEW Octozona Barbs, Lg Congo Tetras, Red Phantom Tetras, Red Starfire Glofish Danios, Tiger Barbs, Medium Silver Dollars, White Cloud Mountain Minnows, Green Fire Tetras, Bleeding Heart Tetras.

Gouramis / Bettas – Powder Blue Dwarf Gouramis, Pink Kissing Gouramis, Male Bettas, Female Bettas, Red Paradise Gouramis, Opaline Gouramis, Small and M/L Leopard Ctenopoma, Powder Blue Dwarf Gouramis, Red Flame Dwarf Gouramis, Gold Gouramis, Pearl Leeri Gouramis.

Cichlids (Dwarf, South American, African) – Black "Inkfin" Calvus Cichlids, Apistogramma cacatuoides 'Mega Red' Pairs, Black Lace Angelfish, Gold Veil Angelfish, Koi Angelfish, Zebra Lace Veil Angelfish, German Blue Rams, German Gold Rams, Festae Cichlids, Lg Albino Compressicep Cichlids, Geophagus 'Red Head Tapajos' Eartheaters, Baby Peacock Bass, Apistogramma Fancy Pairs (few), 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, Medium Firemouth Cichlids, Green Terror Cichlids, XL Wild Caught Altum Angelfish (Nice), Assorted Small Standard Angelfish, Julidichromis Cichlids, Assorted Premium Mbuna African Cichlids, Texas Cichlids, Telmatochromis brichardi Cichlids, Daffodil Brichardi Cichlids, Male Otopharynx lithobates Cichlids.

Other – Dwarf African Frogs, Tank Bred Black Ghost Knives, Freshwater Flounders, Colombian Shark Catfish, Rainbow Sharks, Redtail Black Sharks, Leporinus Fasciatus, Roseline Denisonii Sharks, Freshwater Stingrays, Freshwater Lionfish (ugly beasts), XL Elephantnose, Ornate Double Trunk Elephantnose, Australian Gold Desert Gobies, African Butterflyfish, Lg Silver Arowanas, Medium and XL Clown Knifefish, Yellowtail Spiny Eels, African Ropefish, Chinese Algae Eaters, Bala Sharks, Orange Japonica Shrimp, Olive Nerite Snails, Medium Silver Dollars, Albino Clawed Frogs, Electric Green, Red Starfire & Orange Glo-fish, Red Cherry Shrimp, XL Albino Clawed Frogs.

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

Koi, Pond Fish and Pond Plants – XL and Jumbo Domestic Koi, Small Koi, Medium Koi, Medium Butterfly Koi (few), Shubunkins (few).

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

SALTWATER FISH:

Angels / Butterflyfish – Juvenile Koran Angelfish, Eiblii Angelfish, Lemon Peel Angelfish, Yellow Dwarf Angelfish, Half Black Angelfish, Flame Angelfish, Auriga Threadfin Butterflyfish, Raccoon Butterflyfish, Majestic Angelfish, Adult Annularis Angelfish, Asfur Angelfish, Fiji Coral Beauty Angelfish, Super Rare Blueline Angelfish, Kleini Butterflyfish.

Clownfish – Large Pair Ocellaris Clownfish, Gold Bar Maroon Clownfish, Tank Bred Red Sea Bicintus Clownfish, Pair True Black Ocellaris Clownfish (incredible!), Sebae Clownfish, African Allardi Clownfish, Orange Skunk Clownfish.

Gobies / Blennies – Bicolor Blennies, Twinspot Signal Gobies, Redhead Gobies, Pearly Jawfish, Green Clown Gobies, Yashia Haze Goby, Adult and Juvenile Engineer Gobies, Diamond Sifter Gobies, Randalli Gobies, Golden Midas Blennies, Eyelash Blennies, Scooter Blennies, Firefish Gobies, Scissortail Gobies, Green Mandarins, Dragon Sifter Gobies, Yellowtail Mozambique Fang Blennies, Yellow Watchman Gobies, Bluespot Watchman Gobies, Blue Gudgeon Torpedo Gobies, Fiji Yellow Citron Clown Gobies, Bluefin Watchman Gobies, Candy Cane Gobies.

Wrasses / Hogfish – Trilobatum Wrasses, Red Diana Hogfish, Purple Fairy Wrasses, Sixline Wrasses, Candy Hogfish, RARE Yellow Pedito Hogfish, Twelve Line Wrasses, Green Bird Wrasses.

Tangs / Rabbitfish – Hawaiian Naso Tangs, Convict Tangs, Powder Blue Tangs, Hawaiian Yellow Tangs, Orangefin Tangs, Sailfin Tangs, Hawaiian Orange Shoulder Tangs, Yellow Eye Kole Tangs, Foxface Rabbitfish, Small Blue Regal Tangs.

Triggerfish / Eels / Puffers – Unusual Bluespot Pufferfish, Regular Bluespot Pufferfish, Humu Triggerfish, Bursa Triggerfish, Large Banded Moray Eel, S/M Snowflake Moray Eels, Zebra Moray Eel, Green Wolf 'Eel', Niger Triggerfish, Black Indicus Triggerfish.

Lionfish – Black Volitan Lionfish, Dwarf Lionfish.

Other – Hawaiian Banded Hawkfish, Longnose Hawkfish, Flame Hawkfish, Bicolor Pseudochromis, Purple Pseudochromis, Vanderbuilt Chromis, Assorted Damselfish, Male Squareback Anthias, Pearly Jawfish, Bartlett's Anthias, Black Cardinalfish, Marine Betta, Gold Striped Cardinalfish, Neon Velvet Damselfish, Green Mandarin Dragonettes, New Red Pseudochromis, Miniatus Grouper (baby and large), Whiptail Snapper, Domino Damselfish.

INVERTEBRATES:

Snails / Cucumbers / Starfish / Urchins – Basket Starfish, Common Sifting Cucumbers, Vietnam Marble Turbo 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, Green Brittle Starfish.

Crustaceans – Blue Spiny Lobsters, Reef Lobsters, Caribbean Peppermint Shrimp, Large Cleaner Shrimp, Red Fire Shrimp, Evil Peacock Mantis Shrimp, Green Saron Shrimp, Redtip Reef Hermits, Strombus Conch Snails, Electric Blue Reef Hermits, Emerald Crabs, Coral Banded Shrimp.

OUR CORAL SELECTION HAS NEVER BEEN BETTER THAN RIGHT NOW FOLKS!!

Corals / Polyps / Mushrooms – Green Metallic Star Polyp Rocks, Show Size Star Polyp Rocks, Green Daisy Polyp Rocks, Tubastrea Sun Polyp Rocks, Green Yuma Mushroom Rocks, Super Pink Zoanthid Rocks, Metallic Zoanthid Polyp Rocks, Super Show Size Metallic Wall Hammer Coral, Super Show Size Multi-Color Branching Frogspawn Corals, Medium Assorted Color Frogspawn Corals, Green Torch Corals, Gold Torch Corals, Green Finger Leather Corals, Gold Ultra Spaghetti Leather Corals, Bubble Corals, Candy Caulestrea Corals, Long Tentacle Plate Coral, Metallic Orange & Green Striped Fungia Plate Coral, Green Mumps Leather Corals, Leptastrea Brain Corals, Ultra Favia Corals, Super Blue Mushroom Rocks, Australian Blasstomussa Corals, Pink Fungia Plate Coral, Green Duncanopsamia axifungi Coral, Purple Lemnalia Tree Corals, Yellow Polyps, Green Zoanthid Rocks, TRUE BLUE ZOANTHID ROCK, Toadstool Leather Corals, Green Trachyphilia Corals, Red Lobophylia Corals, Green Scolymia Vitiensis Corals, Orange Scolymia Vitiensis Corals, Cultured Acroporas, Assorted Indo Mushroom Rocks (LOTS AND SUPER NICE!).

Other – Super Nice Fancy Gorgonian Sea Fans, Bubble Anemones, Carpet Anemone, Long Tentacle Anemones, Sebae Anemones, Orange Fan Sponges, M/L Blue Crocea Clams, Hawaiian Feather Dusters (few), Red Hard Tube Coco Worm Dusters.

WE NOW HAVE SOME OF THE MOST INCREDIBLE LIVE ROCK EVER! BOTH CURED AND UNCURED NOW AVAILABLE!!!

Awesome Cured Tonga Branch Rock, Super Premium Fiji Live Rock (some with polyps, xenia and mushrooms attached! – Bright Purple Rock), Premium Totoka Live Rock (most cured).

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.