



June 26, 2007

# tideline aquatics Newsletter

## Tideline Aquatics Store Hours

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

## TREATS FOR YOUR OUTDOOR KOI



Proper Koi nutrition is often overlooked. Though the dried sticks and pellets you purchase are considered complete diets, your fish will greatly benefit from supplemental feedings of treat-type foods. Rinse off a fresh orange, grapefruit or tangerine and cut it in half. Pick out any seeds that are present and drop the sliced fruit into your pond. Though your fish may be wary of this new food at first, once they realize it to be a food item, they will quickly consume all of the meaty fruit from the skin. Simply remove the hulled skin of the fruit and toss it into your compost pile. Koi also love to eat watermelon. Slice out some of the watermelon and remove any seeds present. Just toss the watermelon into the pond and your fish will quickly consume it. Another nutritious treat for your koi is freeze-dried krill. Tideline Aquatics carries

this vitamin enhanced dried nutritious treat. Koi will also eat rinsed and chopped Romaine Lettuce and Spinach leaves. As with any of these treat foods, be sure to remove any uneaten food parts as soon as the fish finish feeding to prevent polluting the pond water. O.S.I. brand manufactures a fruit-based koi food that has only the best of ingredients. It is available in orange, blueberry and strawberry. My personal fish really love the orange-based food! Even with these foods, I still feed my own fish sliced fruit regularly.



A KOI FEEDING FRENZY ON AN ORANGE SLICE

Now let's get back to your daily koi diet of floating food sticks or pellets. Many of these diets use corn as cheap filler for koi foods. Koi do not process corn and over time it can cause accumulation of fat around the internal organs that can lead to problems later in life. Check the ingredients on the food you are feeding your fish. If the first, second or third ingredient is corn, corn flour or corn meal, consider switching food brands or mixing a better brand food with the food you use regularly.



A QUALITY KOI FOOD!

Good nutrition is important for a strong immune system, growth potential and for the best coloration. Fish with a strong immune system are more resistant to both bacterial and parasitic diseases. You purchase koi for the beautiful color patterns. Now that you know, be sure you are feeding them correctly so your koi can develop to their full potential.

## **FRESHWATER FISH HIGHLIGHT**

### **L016 Gold Nugget Plecostomus**



NOT YOU'RE AVERAGE ALGAE EATER! BEAUTIFUL COLOR

Everyone that has owned a freshwater aquarium is familiar with the old standard algae eater, the plecostomus. That black or brown ugly fish that sucks the glass and decorations clean in your freshwater tank and often grows too large could be replaced with one of these beautiful algae eaters. Now understand that these guys are more expensive but if you want to add bright color to your tank, this is the fish for you! This fish does require good water quality so do not think it will survive in that dirty oscar aquarium! Regular monthly partial water changes, low organics and peaceful tank mates will ensure that this stunning

plecostomus will not only survive, but will live for years in the aquarium without ever outgrowing it. We do suggest you keep a piece of natural driftwood in the aquarium as these fish enjoy chewing wood to assist in their digestion of food and algae. We also recommend that you use a sinking tablet food designed for bottom dwellers as a supplemental food choice. We have only 5 of these in stock so get yours while they last!!

## **GREAT GOBIES FOR THE SMALL (NANO) REEF AQUARIUM**

Small reef aquariums have become all the rage in the last couple of years. The only drawback to a small reef is that many of the reef fish available grow too large for even a 10 gallon aquarium.

This week we will cover some excellent fish that remain small enough to thrive in reef aquariums that are 10 gallons or smaller. Even though all of these fish are listed as good fish for smaller reefs, the actual size of your reef aquarium will determine how many of these fish your tank can handle.



### **Yellow Priolepis Goby (Priolepis aureoviridis?)**

Reaching only about 2" in length, this unique new import is extremely hardy though quite shy when first introduced. This fish spend nearly all of its time swimming upside down! Perhaps from living under rock ledges in the wild, this fish has adapted to a life of living this way. This fish never bothers other aquarium inhabitants and does not tend to jump. Yellow Priolepis Gobies will accept all types of small frozen foods like vitamin enhanced brine shrimp, mysis shrimp and even small pieces of Formula One food. Now in stock!!



**Panda Goby (*Paragobiodon lacunicolus*)**

Now this is a goby that is so new, it is difficult to find much information on them. This can be a picky eater, similar to clown gobies, so be sure that the fish accepts food at the store before you take it home (you should do this with ALL fish though). This tiny 1" beauty enjoys perching within the branches of SPS corals. Panda gobies do not appear to show aggression toward most other goby species but we have not personally tried keeping them with the more common clown goby species which are quite similar in body shape and habit. Out of stock at this time.



**Tiger Priolepis Goby (*Priolepis nocturnus*)**

This is one of our favorite new nano gobies. Reaching about 2" in length, you will swear that the fish is missing just after purchasing it as you may not see it for a week! Soon, you will begin to see this fish dart out suddenly and snatch up frozen fish food. Eventually, this fish moves in and out of the rockwork openly though it will never be an "in your face" fish like say a clownfish. The striking black to brown stripes on the snow white body make this fish a real beauty for even larger reef aquariums. This fish is a jumper! Now in stock!!



**Spikefin Goby (*Discordipinna griessingeri*)**

This has to be the most expensive goby for its size, but look at how beautiful it is! Spikefin gobies reach only about 1.5" at full size. We currently have (3) of these little guys in stock. They are about ½" in length at a cost of \$89 each. Though expensive, this fish is quite hardy and will accept all types of small frozen fish foods. Spikefin gobies take quite a long time to feel comfortable enough to be out in the open but it is worth the wait! We have never seen this fish move from the bottom of the tank. It seems to prefer to dart in and out of holes where the live rock sits on the sand bed. If you want the best of the best for your reef aquarium, get the Griessingeri Spikefin Goby. Now in stock!!!



**Yashia White Rayed Goby (*Stonogobiops yashia*)**

The Yashi Goby is another new beauty we are receiving from Cebu. These fish tend to arrive quite thin but within days, they are out front and eating all types of frozen fish foods. The only thing negative we can mention about this fish is that they tend to be jumpers so your reef aquarium must be covered. There is even a similarly marked pistol shrimp that the Yashia tends to house with! The Yashia goby only reaches about 2" at full size. Now in stock!!!



**Red Trimma Goby (*Trimma rubromaculatus*)**

Reaching adult size at ½”, the trimma goby is an excellent candidate for even the tiniest of reef aquariums. Though minute, this fish is extremely hardy, is not a jumper and never causes any harm to other animals in the reef tank. Feeding is a little tricky with trimma gobies. It is not that they are picky but instead that their mouths are so tiny. You can use frozen cyclops, baby brine shrimp or finely chopped frozen foods like Formula One. This fish tends to stay out in the open at all times. Not in stock at this time.



**Clown Goby (*Gobiodon* sp.)**

Clown gobies have been in the marine fish trade from the very beginning. These fish are inexpensive, grow to only about 1.5” long and are never aggressive. They can, however, be picky eaters. Always ensure that the clown goby you choose eats aggressively when fed at the store BEFORE you purchase it. Emaciated clown gobies seldom recover. These fish enjoy perching within the branches of both SPS corals and soft branching corals. Though each color is a different species, they are all sold under the common name of Clown Gobies. We regularly

stock Green, Black, Yellow and on occasion, Red Clown Gobies. We currently have a few Green Clown Gobies available.



**Yellow Citron Goby (*Gobiodon citrinus*)**

The Citron Goby has the appearance of a regular yellow clown goby on steroids. This Fiji import has a nice yellow body with electric blue striping on the face. We have seen this fish nip at other gobies on occasion but never to the extent where they cause much damage. Perching and guarding an acropora colony as territory is what this goby spends its day doing. Be sure this fish is aggressively eating at the store before you take it home as emaciated citron gobies seldom recover. These fish absolutely hate one another from our experience at the store. We currently have 1 or 2 of these guys still in stock.



**Blue Neon Goby (*Elacatinus oceanops*)**

Known in the trade as the neon cleaner goby, this fish is known to clean parasites from the skin of other fish in the wild. In the aquarium, some fish like tangs and angels appear to find this little guy annoying. This fish is never a hider, eats nearly any food offered and seldom jumps. If a pair is kept in the aquarium, these fish are known to

readily breed in captivity. Neon gobies reach just over 2" in length though tank bred specimens are often offered at a fraction of that size. Out of stock at this time.



**Candy Cane Goby (*Stonogobiops nematodes*)**  
Striking color, extremely hardy, always peaceful yet will stand ground to guard its territory; the Candy Cane Goby makes an excellent choice for even larger reef aquariums. We have found that these fish prefer to dig out a burrow and guard the entrance from any creature that comes near. Though small in size, candy cane gobies have pretty darn big mouths. They will open up their mouth and appear to be screaming at the invader though never causing any harm. These fish reach about 2.5" in length and are readily available. This fish can be a jumper! Now in stock!!

As with all reef aquariums, to keep organic levels low, feeding should always be minimal. We suggest feeding fish in a reef tank not more than every other day. Avoid foods that contain high levels of phosphates like many flake type foods. Instead, use clean frozen foods in your reef. Remember to only feed as much as your fish can consume in a few minutes. A large reef aquarium can handle an overfeeding now and then but in small reefs, the actual amount of water in the tank is minimal. For this reason, one over feeding or one small dead organism can easily affect the water conditions. Ensure that you top off your small reef aquarium at least every other day. With so little water, a small amount of evaporation can lead to dangerously high salt levels causing stress to your fish and live corals. Small reef aquariums may be all the rage but be aware that the water conditions can be more volatile compared with larger reef aquariums that

give more room for mistakes due to the larger volume of water.

## LOCAL CLUBS / ORGANIZATIONS/FORUMS

Want to ask a question about your freshwater, saltwater, reef or garden pond? Visit us at: [www.tidelineaquatics.net/discuss/categories.asp](http://www.tidelineaquatics.net/discuss/categories.asp)

Have a reef aquarium? Check out our local reef club at: [www.charlestonreefers.org](http://www.charlestonreefers.org)

Love water gardens and koi? Visit the Charleston Showa Koi Club website at: [www.charlestonshowakoiclub.org](http://www.charlestonshowakoiclub.org)

Saltwater fish aquarium club – CMAC  
[www.columbiamac.org](http://www.columbiamac.org)

Question and Answer Forum –  
[www.wetwebmedia.com](http://www.wetwebmedia.com)

## **Fish of the Week**



GOLD BAR MAROON CLOWN (*PREMNAS BIACULEATUS*)

We just received a shipment of beautiful 2.5" Gold Bar Maroon Clownfish from Sumatra on Tuesday morning. Unlike the easily stressed Ocellaris (Nemo) clownfish, the maroon clowns are more durable and somewhat feisty. Gold Bar Maroon Clowns can reach hand-size with time and tend to hold their own even with more aggressive species though they also fair well with more peaceful fish. These fish are more difficult to pair up compared with other clownfish species so consider

keeping only one in your tank unless the fish are already paired at the store. Maroon clowns accept all types of dried and frozen food. This is just one of the specials this week at Tideline Aquatics. Print off the coupon at: [www.tidelineaquatics.net](http://www.tidelineaquatics.net)

## **What's New At Tideline**

### **FEEDERS (NOW IN STOCK!)**

Live Black Worms, Ghost Shrimp, Crayfish, Rosy Reds.

Feeder Guppies, Feeder Goldfish and Feeder Fiddler Crabs are sold out until next week.

### **FRESHWATER FISH (NOW IN STOCK):**

XL Tiger Oscar, M/L Bala Shark, Medium Bala Sharks, a nice mix of Assorted Rainbowfish, Pink Kissers, Albino Cory Catfish, Robinnæ Cory Catfish, Melanistius Cory Catfish, XL Botia Lohachata Loaches, Super Color Green Terrors, Jumbo Nasty Red Parrot Cichlids, XL Banded Leporinus Fasciatus Headstanders, Incredibly Colorful Redtail Blue Variatus Platies, Red Siphodon Goby (very cool and hardy), Red Wag Swordtails, Dalmatian Mollies, Gold Dust Mollies, Gold Gouramis, Opaline Gouramis, Roseline Denisonii Barbs (beautiful), Red Chromides, Jurupari Earth-eaters, Premium Mix Mbuna African Cichlids, Standard Mix Mbuna African Cichlids, Small, Medium, Large and XL Common Plecostomus, L018 Gold Nugget Plecostomus, Rubber Plecostomus, Banjo Catfish, Spotted Pictus Catfish, Synodontis Longirostris Catfish, Synodontis Petricola Catfish, Angelliscus Botia Loaches, Medium Clown Loaches, Redtail Black Sharks, Medium (4") Silver Arowanas, Bumble Bee Gobies, Celebes Halfbeaks (peaceful surface dwellers), Abramite Headstanders, Banded Leporinus Fasciatus Headstanders, Mono Argentius (tank bred), Figure Eight Puffers, Green Spotted Puffers, African Ropefish, Green Scatophagus, Black Moors, Small and Medium Mixed Chinese Goldfish, Mixed Ryukin Chinese Goldfish, Large Neon Tetras, Black Phantom Tetras, White Cloud Mountain Minnows, Gold White Cloud Mountain Minnows.

## **GOLDFISH, KOI AND POND PLANTS (NOW IN STOCK):**

Medium Domestic Pond Koi, Small and Medium Calico Shubunkin Goldfish, Large Domestic Pond Koi (VERY LIMITED), Jumbo Domestic Pond Koi (VERY LIMITED), Medium Standard Butterfly Koi, Medium Premium Butterfly Koi, Beautiful Blooming Water Lilies in 1 Gallon Pots (tropical and hardy cultivars), Bog Plants, Floating Island Plants, Hornwort Bunches and more!! The Night Blooming Lilies are incredible but our stock is getting low!

## **SALTWATER FISH (ARRIVED TUESDAY MORNING!!)**

Fiji Coral Beauty Angelfish, Bali Watanabe Female Angelfish, Bali Juvenile Annularis Angelfish, Fiji Sunburst Fathead Anthias, Sumatra Gold Bar Maroon Clownfish, Bali Black & White Heniochus Butterflyfish, Indian Ocean Yellowtail Blue Damsel, Indian Ocean Scooter Blennies, Bali Firefish Gobies, Cebu Griessingeri Gobies, Cebu Yashia Gobies, Bali Candy Cane Gobies, Bali Green Mandarin Dragonettes, Bali Spotted Target Mandarin Dragonettes, Sri Lanka Tiger Wardi Gobies, Sea of Cortez Blue Spotted Jawfish, Indian Ocean Purple Basslets, Indian Ocean Miniatus Grouper, Indian Ocean Valentini Pufferfish, Bali Foxface Rabbitfish, Hawaiian Yellow Tangs, Indian Ocean Yellow Bristletooth Tangs, Bali Powder Brown Tangs, Bali Sixline Wrasses, Fiji Arrowhead Wrasses, Fiji Solorensis Fairy Wrasses, Fiji Candy Hogfish, Indian Ocean Snowflake Moray Eels, Vietnam Tank Bred Seahorses.

## **SALTWATER INVERTEBRATES (ARRIVED TUESDAY MORNING):**

Fancy Bubble Anemones, Sebae Anemones, Chocolate Chip Starfish, Sri Lanka Cleaner Shrimp (LOTS), Sri Lanka Red Fire Shrimp, Anemone Crabs (LOTS), Cortez Redtip Reef Hermits (LOTS), Pink Margarita Snails (LOTS), Spiny Cup Pectinia Corals, Indonesian Mixed Variety Mushroom Rocks (an incredible color selection), 150lbs Fiji Premium Live Rock (THIS ROCK IS BEAUTIFUL AND IN ALL SIZES).

Our live coral, mushroom rock and zoanthid selection is extremely nice at this time!