

June 10, 2009

tideline newsletter tideline aquatics

Tideline Aquatics Store Hours

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

THE CHARLESTON SHOWA KOI CLUBS 2009 POND TOUR IS THIS WEEKEND!!!



This Saturday, June 13th from 9am until 4pm, you can actually tour water gardens and koi ponds all over the Charleston area by simply purchasing tickets to the Charleston Showa Koi Club's 2009 Pond Tour. There is everything from the small formal water garden to a 30,000 gallon koi pond stocked with some of the largest koi you will ever see. Many of the ponds are surrounded by incredible landscapes making this tour a big plus even for the avid gardener!



What's unique about the Chas Showa Koi Club's event is that it is a self-guided tour. When you purchase your ticket, it contains detailed directions to each pond from Summerville to Mt Pleasant to Folly Beach. You can choose to tour ponds in one area or drive all over the Charleston area viewing ponds at your own pace. This is a wonderful event for taking a group of friends or just loading up the entire family and making it a day. You can tour these areas from 9am in the morning until 4pm in the afternoon. What's even better is that you can attend the Grand Finale after the tour. This includes raffles, give-a-ways and FREE FOOD provided by the Koi Club members. There are even events scheduled at the finale just for the kids!!



Tickets are available at Tideline Aquatics as well as many other locations throughout the area. Visit the Charleston Showa Koi Clubs website for other locations. The cost is only \$10.00 per adult. The Club donates a generous portion of the proceeds to the Charleston Humane Society. So load up the car with family and friends and enjoy this once a year Charleston event!! Tickets are selling out fast so don't wait until the last minute or you may have to wait until next year!!



www.charlestonshowakoiclub.org

WHO'S WHO WITH SIMILAR CLOWNFISH SPECIES

The common names used in the aquarium trade for some clownfish species are enough to confuse even the most advanced hobbyist. One store calls the percula clowns, the next ocellaris clown but then you turn and see a fish labeled true percula clownfish – what the heck??!!

Here we will put some photos together combined with the latin name of each species and a list of what they are often commonly named in the trade. Hopefully this will help you determine what clownfish species you have or intend on owning in the future....



Both of the first photos are that of the **Amphiprion ocellaris** clownfish. The overall body color can be from bright orange to somewhat yellow to slightly brown to nearly red but the real distinguishing factor is actually the black markings on the fish. In *A. ocellaris*, the black trim around the fish and along the striping is nearly always narrow with almost no black color on the body of the fish (just along the stripes and edges of the fins). *A. ocellaris* is one of the most peaceful of all clownfish and are easily paired (and housed in groups without too much fighting as larger juveniles). Though wild-collected specimens are plagued with disease problems caused by stress, collection and shipping, this fish is widely available in “tank bred” form which nearly eliminates these issues. Whether the fish has half stripes, teardrop stripes or full stripes, they all will display the fine black edging associated with *A. ocellaris*. Only tiny specimens may be more difficult to distinguish. Common names used for this fish can be Ocellaris clownfish (correct), False Percula Clownfish (still acceptable) and Percula Clownfish (completely inaccurate and confusing).

Now let's take a look at **Amphiprion percula**.





Both of the clownfish species we just discussed have a similar physical makeup. *A. ocellaris* have 11 dorsal spines (the top fin) and 17 pectoral spines (the paired side fins). *A. percula* usually have 9 dorsal spines and 16 pectoral spines. You can see that the coloration differences make them much easier to distinguish them from one another!

Here are two other clownfish that are often confused by hobbyists due to the use of incorrect common names.



As you look closely at these three photographs you can easily see the heavier black markings along the fins and stripes. Also notice how the black markings move on to the body of the fish. The amount of black varies due to factors like the age of the fish and the region the fish was collected. *A. percula* also tends to be less tolerant of one another except for fish that have paired. Wild collected “true” percula clownfish also tend to arrive in better condition than the similar “false” percula clownfish (*A. ocellaris*). Confused yet? Young tank bred juvenile *A. percula* may display very little of the black markings on the body making them more difficult to identify but as they mature, the black marking become more bold giving you a true identification of the species you possess. *A. percula* are also more expensive than the more common *Amphiprion ocellaris* (often about twice the cost or more depending on the area of collection). This fish is commonly sold as the True Percula Clownfish (correct), the Percula Clownfish (still acceptable) and Black Percula Clownfish (completely inaccurate).



The two photos above are of **Amphiprion ocellaris**. That is correct! These fish are the same species as the classic orange *Ocellaris* clownfish. This is another example of how fish of the same species can be colored differently from different areas of the world. *A. ocellaris* var. *Black* are collected from Australia. This black colored *Ocellaris* clownfish is only found around this area of the world. Nearly all of them found in aquarium stores are now tank bred specimens. Years ago, wild specimens were nearly impossible to import alive but now that they are being tank bred commercially, this fish is just as

hardy as other tank bred clownfish species. True Black Ocellaris clownfish are calm natured clownfish just like their orange colored buddies from across the world! Adults display a dark black body with a burnt orange face. This fish is easy to maintain though it does command quite a bit more money compared to the more common Ocellaris clownfish (orange colored). This clownfish is commonly sold under the name Black Ocellaris (correct) and Black Percula Clownfish (completely wrong!).

Below you will see pictured a similar looking clownfish – at least at first glance. This fish is actually **Amphiprion polymnus**, the Black Saddle Clownfish.



Amphiprion polymnus is one of the most nervous of all the imported clownfish. This larger growing and skiddish clownfish is often sold under the name Black Percula Clownfish though it that is incorrect. A. polymnus grows to about twice the size of the True Black Ocellaris Clownfish, has different markings along the body and tail plus this clownfish often has yellowish colored pectoral fins. Though this is a beautiful clownfish, it requires a large aquarium with a

good strong cover as these fish can leap like a rocket straight out of the aquarium! Though this fish has been bred in captivity, few are commercially available compared to A. ocellaris and A. percula. We suggest that this clownfish be kept by the more advanced hobbyist in a quiet room with larger tank mates that have a peaceful disposition. A. polymnus is often sold under the common names of Black Saddle Clownfish (acceptable) and Black Percula Clownfish (wrong and misleading).

A NEW INTRO TO TIDELINE AQUATICS! THE ELECTRIC BLUE RAM DWARF CICHLID!!!!



If you love Rams, you're gonna flip over this incredible new hybrid ram that displays electric blue color that flashes with every move. We just received these fish on Tuesday and have already fallen in love with them!! The electric blue ram requires the same care as other ram hybrids requiring soft, clean, warm water low in organics. From what we have seen of the (4) specimens we received is that this hybrid seems a little feistier than the standard German Blue Ram. We would not call them aggressive but we will say that they seem somewhat more territorial toward other fish in the aquarium. These are not cheap but if you love dwarf cichlids, this one is gonna tempt your pocketbook we can assure you!

AND....

THE WHITE CHEEKED GOBY!

If you are into freshwater bottom dwellers on the unusual side, you will likely enjoy owning this interesting and inexpensive import from the fast-flowing mountain streams of South China. The White Cheek Goby (**Rhinogobius wui**) requires a soft substrate (fine sand or gravel) with stones and/or driftwood for where it enjoys perching. Only the males display the beautiful patterns

pictured below and one male should either be kept alone or in the company of two or three females. Water quality should consist of soft to



medium-hard water with a temperature of no more than 77 degrees (59-77 degrees). These interesting gobies reach just under 2" at adult size and are quite easy to breed. Females lay 10-50 eggs which hatch in about 2 days. The fry are large enough to accept newly hatched brine shrimp. This fish does not require any salt in the water to survive but do not place this fish in very warm aquariums (over 77 degrees).

AN UPDATE ON THE H.R.669 PET ANIMAL IMPORT AND OWNERSHIP BAN

Due to the overwhelming response from the public and the pet industry, HR669 is dead. This does not mean that these special interest groups will not try again but for now, it is out of the picture. If you are unaware of what this proposal would have done to pet owners and the pet industry, see the Tideline Aquatics Newsletter for April 08, 2009 in our newsletter archive section of our website. We will keep you informed anytime we see legislature that is proposed that will affect our ability to own aquarium inhabitants and other pets commonly kept by Americans. Thank you to everyone that took the time out to write to our representatives, faxed them, wrote letters and/or called to express your feelings on HR669.

Don't forget to show your military ID at the check-out counter! Tideline Aquatics now offers a discount to both active and retired military persons with a military ID!!

Also, print off web coupons for even more savings when you shop with us!!

WHAT'S NEW AT [tideline aquatics?](#)

ON THE MENU THIS WEEK:

Feeder Guppies, Feeder Rosy Redds, Feeder Goldfish, Feeder Crayfish, Feeder Fiddler Crabs and Live Black Worms are all in stock!!

FRESHWATER FISH:

Livebearers – Lemon Swordtails, Koi Swordtails, Gold Dust Mollies, Silver Mollies, Red Platies, Redtail Dalmation Platies, 24K Tuxedo Platies, Mickey Mouse Platies, Assorted Swordtails, Sunburst Platies, Assorted Fancy Guppy Pairs, Sailfin Mollies, Assorted M/L Lyretail Mollies, Dalmation Mollies, Black Yucatan Mollies.

Catfish/Loaches/Plecostomus – Large RARE Scaldes Pictus Catfish, Green Gold Corydoras Catfish, L200 Green Phantom Plecostomus, L204 Emperor Plecostomus, L144a Longfin Bristlenose Plecostomus, XL Albino Bushynose Plecostomus, XXL Chocolate Albino Plecostomus, Small Albino Bristlenose Plecostomus, Agassizi Corydoras Catfish, Punctatus Corydoras Catfish, Orange Stripe Aeneus Corydoras Catfish, Sterbae Corydoras Catfish, Rainbow Sharks, Farlowella Twig Catfish, L103 Clown Plecostomus, L007 Dracula Plecostomus, XXL Juruense Shovelnose Catfish, Synodontis Petricola Catfish, Spotted Shovelnose Catfish, Blue Dolphin Catfish, Glass Catfish, True Tigrinus Shovelnose Catfish, Golden Dojo Loaches, Angelicus Botia Loaches, Spotted Pictus Catfish, Upside Down Catfish, Queen Botia Loaches, Botia Striata Loaches, Chinese Algae Eaters, Hypostomus Plecostomus, True Siamensis Flying Fox Algae Eaters, Common Plecostomus, Albino Corydoras Catfish, Clown Loaches, Green Corydoras Catfish, Paleatus Corydoras Catfish, Otocinclus Dwarf Algae Eaters.

Brackish – Green Spotted Pufferfish, South American Dragonfish Gobies, Green Scatophagus, Archerfish, New Javanese Bumble Bee Gobies, Figure Eight Pufferfish, Mono Sebae, Mono Argentinus.

Tetras / Rasboras / Barbs / Danios – Golden White Cloud Mountain Minnows, Zebra Danios,

Round-Banded Barbs, Bloodfin Tetras, *Pristella Maxillaris* Tetras, Whitefin Rosy Tetras, Red Serpae Tetras, Cardinal Tetras, Large Neon Tetras, Large GloLite Tetras, Tiger Barbs, Cherry Barbs, Gold Barbs, New Veiltail Cherry Barbs, Scissortail Rasboras, New! Zebra Barbs, Redtail Loretto Tetras (very nice), Red Eye Tetras, Beautiful Espei Pencilfish, White Clouds, Marble Hatchetfish, Harlequin Rasboras, Burjor's Brilliance Danios, Clown Rasboras, Clown Barbs, Black Skirt Tetras, Green Tiger Barbs, Giant Danios, Whitefin Rosey Tetras, Assorted Glo-Fish.

Gouramis / Bettas – Gold Honey Gouramis, Red Honey Gouramis, Leopard *Ctenopomas*, Platinum Gouramis, Pink Kissing Gouramis, Gold Gouramis, Blue Gouramis, Female Bettas, Super Color Fancy Dwarf Gouramis, Ass't Male Bettas, Opaline Gouramis, *Ctenopoma ansorgii*.

Cichlids (Dwarf, South American, African) – NEW AND INCREDIBLE Electric Blue German Rams, Nicaraguense Cichlids, Rainbow Cichlids, *Geophagus Surinamensis* Eartheaters, Medium Green Terrors, Assorted Medium Peacock Cichlids, Assorted Mbuna Cichlids, *Neolamprologus Calvus* Cichlids, *Neolamprologus Compressiceps* Cichlids, Leleupi Cichlids, XL Bichardi Cichlids, Lg Electric Blue Ahli Cichlids, Texas Cichlids, Premium Assorted Mbuna African Cichlids, German Gold Rams, German Blue Rams, Green Severums, *Geophagus Jurupari*, Pink Convict Cichlids, Black Convict Cichlids, Jack Dempsey Cichlids, Firemouth Cichlids, Festae (true red terror) Cichlids, *Eretmodus* "Blue Point" Goby Cichlids, Medium Green Terror Cichlids, *Altispinosa* Rams, Large and Medium Gold Severums, Small & Medium Assorted Oscars, Large and Jumbo Peacock Bass.

Angelfish / Discus – Black Veil Angelfish, Gold Marble Veil Angelfish, Koi Angelfish, Marble Angelfish, Half Black Angelfish (ready soon), Medium Zebra Lace Veil Angelfish, Medium Koi Veil Angelfish, Super Orange Large Koi Angelfish, Medium Assorted Angelfish, Large Assorted Angelfish, Large German Stendker Discus...

Other – Millennium Rainbowfish, Boesemani Rainbowfish, Neon Praecox Rainbowfish, Threadfin Rainbowfish, Turquoise Rainbowfish,

Iridescent Sharks, Striped Peacock Eels, Tiretrack Eels, African Ropefish, Yellowtail Spiny Eels, White Cheek Gobies, South American Dragonfish Gobies, South American Teacup Stingrays, Dwarf African Frogs, African Vampire Shrimp, Orange Bee Shrimp, Beautiful Dwarf Rainbow Gudgeon Gobies, Black Berry Algae Eating Shrimp, XL Japonica Algae Eating Shrimp, Bamboo Filter Feeding Shrimp, Japanese Trapdoor Snails, Mystery Snails, Nerite Snails, Large and Jumbo Peacock Bass, M/L Clown Knives, Tank Bred Dolphin Moryrids, Assorted Fancy Rainbowfish, Medium Silver Arowanas, Redtail Barracudas, Celebes Halfbeaks, Freshwater Flounders, Silver Dollars, Asian Needlefish, *Polypterus palmus*, *Polypterus ornatipinnus*, *Ctenopoma ansorgii*, Electric Blue Crayfish (LG), Roseline Denisonii Sharks (Tank Bred!), Bala Sharks, Redtail Black Sharks, Black Ghost Knives, Lungfish (huge), African Butterflyfish, *Distichodus Sexfasciatus*.

Goldfish – Small Assorted Fantails, Medium Assorted Fantails, Medium Black Moors, Medium Chinese Orandas, Medium Chinese Ryunkins, Bubble Eyes, Telescope Eyes, Pearlscales, Medium Calico Fantails.

Pond Fish: - LOOK!! New KOI JUST ARRIVED!! - 2"-3" Domestic Koi, 6" Domestic Koi, Japanese Grade 5" Shiro Utsuri Koi, 8" Butterfly Koi, 6" Butterfly Koi, 6" Premium Butterfly Koi, 5" Pond Comets, 6" Shubunkins, Jumbo Domestic Koi.

Aquarium Plants: *Limnophila Hippuroides*, Red Melon Swords, Amazon Swords, Red Flame Swords, Bacopa, Giant Hygrophyllia, Red *Ludwigia Peruensis*, *Rotala Indica*, Wisteria, Italian *Vallesneria*, Pygmy Chain Swords, Dwarf *Sagittaria*, Nana *Vallesneria*, Anubias Nana, Bronze Crypt. *Wendtii*, Blyxa Auberti Grass, Water Sprite, Sunset Crypt. *Wendtii*, Aponogeton Ulvaceus, Marble Swords, Banana Plants, Java Moss, Java Fern, African Bolbitis Fern and more!!

Pond Plants: THE POND PLANTS ARE LOVIN' THE HEAT AND ARE ALL IN FULL BLOOM!! Tropical Water Lilies, Hardy Water Lilies, Lotus, Floating Island Plants, Parrots Feather, Taros, Umbrella Palms, Bog

Hibiscus, Star Grass, Blue Bog Reed, Cattails, Dwarf Bog Bamboo, Arrowhead and more!!

SALTWATER FISH:

Angels / Butterflyfish – Coral Beauty Angelfish, Flagfin Angelfish, Keyhole Angelfish, Adult and Juvenile Majestic Angelfish, Teardrop Butterflyfish, Bellus Female Angelfish, Flame Angelfish, Lemon Peel Angelfish, Lamark Angelfish, Half Black Angelfish, Koran Angelfish, Majestic Angelfish, Heniochus Butterflyfish

Clownfish – True Black Ocellaris Clownfish, Large Tank Bred Ocellaris Clownfish, Yellow Stripe Maroon Clownfish, Black Clarkii Clownfish, Ocellaris Clownfish, XL Sebae Clownfish, True Percula Clownfish, Black Onyx Percula Clownfish, Tomato Clownfish, Maroon Clownfish.

Gobies / Blennies / Jawfish – Purple Firefish Gobies, Clown Gobies, Yellow Watchman Gobies, Yellow Head Jawfish, Yellow Banded Jawfish, Green Banded Gobies, Firefish Gobies, Black Cap Jawfish, Panda Gobies, Two Spot Signal Gobies, Candy Cane Gobies, Red Trimma Gobies, Blue Spotted Jawfish, Bullseye Jawfish, Golden Sailfin Blenny, Tail-Spot Blenny, Black & White Priolepsis Gobies, Golden Head Sifter Gobies, Orange Spotted Blennies, Assorted Nano Gobies, Helfrichi Firefish Gobies, Orange Spot Guttata Gobies, Randalli Gobies, Blue Neon Gobies, Pink Barred Gobies, Diamond Sifter Gobies, Algae Blennies, Starry Algae Blennies, Bicolor Blennies, Bullethead Reef Blennies, Blue Torpedo Gobies.

Wrasses / Hogfish – Christmas Wrasses, Red Christmas Wrasses, Pinstriped Melanurus Wrasses, Carpenters Fairy Wrasses, Scott's Fairy Wrasses, Yellow Coris Wrasses, Multicolor Pencil Wrasses, Purple Fairy Wrasses, Black Bird Wrasses, Banded Wrasse, Sixline Wrasses, Filamented Fairy Wrasse, Broomtail Wrasse, Lunare Wrasses, Candy Hogfish, Harlequin Tuskfish

Tangs / Rabbitfish – Mimic Yellow Tangs, Powder Brown Tangs, Naso Tangs, Foxface Rabbitfish, Yellow Blotch Rabbitfish, Spinefoot Rabbitfish, Gold Spotted Rabbitfish, Mimic Half Black Tangs, Blonde Naso Tangs, Sohal Tang, Tominiensis Orange Fin Tangs, Fowleri Tang,

Powder Blue Tangs, Sailfin Tangs, Blue Regal Tangs, Yellow Tangs, M/L Clown Tang.

Triggerfish / Eels / Puffers – Stars & Stripes Dogface Pufferfish, Spiny Box Pufferfish, Porcupine Pufferfish, Blue Dot Hawaiian Pufferfish, Ghost Eel, Chainlink Moray Eels, Bursa Triggerfish, Indian Black Triggerfish, Caribbean Sharpnose Pufferfish, Peacock Sharpnose Pufferfish, Leopard Sharpnose Pufferfish, Coronata Pufferfish, Rectangulus Triggerfish, Humu Triggerfish, Lg Clown Triggerfish, Niger Triggerfish, Snowflake Moray Eels, Dogface Pufferfish, Valentini Pufferfish

Lionfish/Scorpionfish – S/M and Medium Black Volitan Lionfish, Lg Black Volitan Lionfish, Fuzzy Dwarf Lionfish, Fumanchu Lionfish

Other – Australian Red Scatophagus, Kauderni Cardinalfish, Flame Hawkfish, Longnose Hawkfish, Janss' Pipefish, Green Wolf Eel Blenny, Springeri Pseudochromis, Royal Grammas, Fiji Devil Damsel, Domino Damsel, Scooter "Blenny" Dragonettes, Red Scooter "Blenny" Dragonettes, Red Striped Squirrelfish, Big Eye Squirrelfish, Shark Egg Capsule, Mono Argentius, Silver Scatophagus, Purple Basslets, Fridmani Pseudochromis, Yellow Goatfish, RARE Borbonius Anthias, Blue Damsel, Yellowtail Damsel, Neon Velvet Damsel, Clown Grouper, Falco Hawkfish, Mandarin Dragonettes, Pajama Cardinalfish

INVERTEBRATES:

Snails / Cucumbers / Starfish / Urchins – Brittle Starfish, Serpent Starfish, Striped Long Spine Urchin, Yellow Spotted Nardoa Starfish, African Red Knob Starfish, Common Sifter Cucumbers, Spiny Star Astraea Snails, Spiral Top Reef Snails, Queen Conch Snails, Red Fromia Reef Starfish, Red Linkia Reef Starfish, Chocolate Chip Starfish (not for reefs!), Chestnut Turbo Snails, Trochus Snails, White Pin Cushion Urchins, Blue Tuxedo Urchins, Turbo Snails, Nerite Snails, Small Nassarius Snails, Cerith Snails, Astrea Reef Snails.

Crustaceans – Red Fire Shrimp, Anemone Shrimp, Japanese Pistol Shrimp, Curlique Pistol Shrimp, Porcelain Crabs, Antler Hermit Crab, Arrow Crabs, Green Emerald Crabs, Golden

Coral Banded Shrimp, Peacock Mantis Shrimp (must live alone!), Coral Banded Shrimp, Candy Cane Pistol Shrimp, Tiger Pistol Shrimp, Scarlet Reef Hermits, Reef Lobsters, Anemone Crabs, Blueleg Reef Hermits, Red Tip Reef Hermits, Common Hermit Crabs (not for reefs), Skunk Cleaner Shrimp, Horseshoe Crabs, Green Emerald Crabs, Pacific Hairy Red Leg Hermits.

Corals / Polyps / Mushrooms – Pineapple Favia Coral, Cultured Euphyllia Corals, Green Hairy Mushroom Rocks, Blue Green Mushroom Rocks, Metallic Wellsphyllia Coral, Pokerstar Montipora, Green Lobophyllia, Super Elegant Coral, Green Acropora, Blue Acropora, Purple Acropora, Super Neon Candy Caulestrea Coral, Duncanopsamia Whisker Coral, Green Merulina Corals, Bubble Corals, Orange Brick Zoanthids, Green Trachyphyllia Corals, Green Torch Coral, Pink Birdnest Corals, Blasstomussa Coral, Toadstool Leather Corals, Assorted Indonesian Zoanthid Rocks, Green Star Polyp Rocks, Green Mushroom Rocks, Elephant Ear Mushroom Rocks, Assorted Cultured SPS Corals (Montiporas, Pocilliporas), Red Chili Coral, Branching Frogspawn Corals, Echinophyllia Corals, Assorted Favia Brain Corals, Cultured Acropora Solitariensis, Australian Scolymia Corals, Australian AWESOME Acanthastrea Corals, Indonesian Mushroom Rocks.

Other – Green Ricordea Polyps, Caribbean Coralimorph Mushroom Polyps, Haitian Pinktip Anemones, Flowering Rock Anemones, Seahares, Chaetomorpha Algae for Reef fugiums, Colorful M/L & Large Bubble Anemones, Long Tentacle Anemones, Ultra Maxima Clams, Assorted Feather Dusters, Sea Apple, Hawaiian Feather 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.