



# OCTOPUS

C-SEA

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The Official Publication of the Cleveland Saltwater Enthusiasts

## February Coral of the Month—Fungia



### Slipper or Tongue Coral

LPS

Slipper/Tongue Coral

Polyphyllia

Origin: Indo-Pacific

Common Name: Slipper/Tongue Coral

Water Flow: Medium

Light: High

Care Level: Easy

Placement: Bottom

Family: Fungiidae

The Polyphyllia Slipper Coral is a large polyp stony (LPS) coral often referred to as the Tongue Coral. Colonies of this species are often long and narrow and arched or flat in profile, hence the common name “slipper or “tongue”. It is usually brown, but may also be cream or green. Its needs are fairly typical for a member of the fungia plate coral: a medium water flow and a placement at the bottom of the home aquarium where its tentacles have room to extend. Its tentacles can reach to a distance approximately equal to the diameter of the corals main body and it will likely harm any corals with which it comes in contact. A proper calcium level is an important key to the successful development. It will benefit from occasional feedings of phytoplankton or brine shrimp.

- article submitted by Craig Madorsky

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## Mangroves in Aquariums

Red Mangrove

*Rhizophora mangle*

One of the best methods of filtering organic material from the salt water aquarium is through the use of the Mangrove plant. The Mangrove plant will filter nitrates and phosphates, which is the main source of algae.

Red mangroves have the ability to replace sodium ions with magnesium ions in salt water aquariums. It is recommended that you test for magnesium in your aquarium. If the level gets to low the plants become stressed and the leaves become yellow and rough. Magnesium can be replaced by adding magnesium sulfate (Epson salt).

Mangroves can be placed in the main aquarium or sump area. It is recommended that they are planted before the protein skimmer in a sump so that they can get all the nutrients that they need. I have a few in my overflow box because I like the way that it looks.

When you receive your Mangrove plants (propagules) they should slowly be acclimated to the water you are going to put them in over a period of two weeks. There are various planting methods. They can be placed in the sand of your sump, attached to a piece of foam and allowed to float in the sump, or roots wrapped around a porous lime rock.. It is recommended that you use one tree (per 10-20 liters of water. Do not let the top green part of the plant be submerged underwater. They are slow growers and can be pruned back if they start to get to large.

The Mangrove plant needs light, either some type of daylight or light from your aquarium light should be enough. They are not very picky about their lighting needs. Just make sure that the plant is not placed directly underneath metal halide lights because the heat will burn or kill the plant.

◆ article submitted by Chris Ritsert





# 10th Annual All Ohio Frag

10th Annual All Ohio Frag Swap!!!!

Sunday March 19, 2006 from 12pm - 4pm

American Legion Hall - Clifton Post

22001 Brookpark Road

Fairview Park, Ohio 44126

Conveniently located just off I-71 and I-480

Admission \$5 per adult; 14 yrs old & under free

--admission gets you 4' of table space and 4 hours of frag swappin' madness!

--electricity available (within reason--leave the 1000W MH at home please :rollface: )

--doors open to swappers at 12 noon

--food available in attached restaurant and bar

Vendor spaces available per 8' table. Vendor setup can start as early as 9:30 am.

Interested vendors please contact [caryliss@ameritech.net](mailto:caryliss@ameritech.net) for more information.

Vendors attending so far:

Eden's Gate (zeppelin)

MDM Aquatic

The Reefnest team ([www.reefnest.com](http://www.reefnest.com)) will also be attending the swap with educational displays and possibly DIY demonstrations.

Discounted hotel accommodations available at:

Ramada Inn

(440) 734-4500

22115 Brookpark Rd

Cleveland, OH 44126

--mention the American Legion Hall for a \$50 room rate

And don't forget the dry goods raffle at the end of the swap!

\$1 per ticket; \$5 for 6 tickets

Please see C-SEA's forum on Reef Central for more information.

Trades are also being set up on [www.fragswapper.com](http://www.fragswapper.com).



## **C-SEA Library**

We have a new addition to our C-SEA Library:

**Marine Fishes by Scott W. Michael**

## **Calendar of Events**

### **February Meeting**

**February 24, 2006 (please note this is the 4th Friday of the Month)**

**Eric Borneman speaking on “Spawning Corals and Rearing the Larvae”**

### **March Meeting**

**March 17, 2006**

**Kelly Jedlicki Speaking on husbandry needs of difficult fish**

### **Frag Swap**

**March 19, 2006**



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### CLEVELAND SALTWATER ENTHUSIASTS ASSOCIATION

The **Cleveland Saltwater Enthusiasts Association (C-SEA)** is a non-profit educational organization to promote the art and science of marine aquarology. General meetings are held on the third Friday (usually) of each month at 7:30 pm. The official publication is the **OCTOPUS**.

- Advertisers help the club by defraying the cost of printing and mailing. **C-SEA** believes in supporting the local saltwater shops and the companies who support us with advertisements, discounts and donations.
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## January Meeting Briefs

We started off the new year with our first (and possibly annual?) members' "garage sale." Club members had the opportunity to sell or trade used or unwanted equipment and other dry goods. It turned out to be a well-attended meeting with lots of new faces welcomed to the club. This informal meeting also gave attendees a chance to talk amongst each other, swapping stories and advice.