

# MBARA Diver's Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB 111

Position Readings:

GPS Manufacturer & model: Garmin 76

N Lat.: 29 46.563 W Lon.: 085 35.867

Sonar Depth: 84 ft

Survey Date & Time: 29 May 2010/ 8:30 AM (Central)

Weather conditions and sea state: Partly Cloudy/ 2 ft

Boat Name: Alley Cat

Boat Captain: Ron Childs

Dive Leader: Ron Childs

Dive Team Members: Jimmy Nicholson

Diver Observations

Computer/Depth Gauge Depth: 84 ft

Diver Bottom Time on Survey: 15 min

Water Temp: Surface: 82 Bottom: 65

Water Visibility: Surface: 60 Bottom: 60

Thermocline Depth:

Current direction and speed: SW at 1.6kts

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Not recorded

Description of Bottom Composition (sand, silt, mud, gravel, shell, etc):

Sand & Silt

Description of Reef Materials & Quantity: 2 Grouper Havens and 3 Florida Limestone Artificial Reefs

Reef Height (highest point): 10 ft

Reef Physical Condition (Durability and Stability): Excellent

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: None

## Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Baitfish - Mackerel Scad (Cigar Minnows)	500	
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed		
Blenny, Tessallated		
Butterflyfish, Reef		
Butterflyfish, Spotfin		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Honeycomb		
Croaker, Atlantic		
Damselfish - Beaugregory		
Damselfish - Cocoa		
Damselfish - Purple Reeffish		
Damselfish - Yellowtail Reeffish		
Damselfish species unknown?		
Dolphin, Bottlenose		
Drum - Cubbyu		
Eel, species?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		

Grouper, Rock Hind		
Grouper, Scamp		
Grunt - Tomtate		
Grunt, species?		
Grunt, White		
Jack - Bluefish		
Jack - Greater Amberjack	20	small
Jack species unknown		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackerel, King	2	
Mackerel, Spanish		
Mahi		
Porgy species unknown	10	
Porgy - Sheepshead		
Puffer - Balloonfish		
Puffer, Sharpnose	1	
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted		
Shark, species?		
Snapper, Bigeye		
Snapper, Gray (Black)		
Snapper, Red	150	8-20"
Snapper, Vermillion (Mingo)	10	3-5"
Soapfish, Whitespotted		
Spadefish, Atlantic	10	
Toadfish, Leopard		
Triggerfish, Gray	6	8"
Wrasse - Slippery Dick		

Other:

## Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles			
Christmas Tree Worm			
Coral - Colorful Sea Whip			
Coral - unidentified gorgonian			
Coral - White Telesto	5%		
Corkscrew Anemone			
Tube Anemone			
Hard Corals-Assorted			
Mussels			
Oyster, species?			
Sea Scallop			
Sponges	40% Red plus 6 White		

**Other:**

## Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma		
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow		
Crab, species?		
Lobster, Shovelnose		
Lobster, Spinny		
Sea Cucumber	4	
Sea Slug, Species?		
Sea Urchin	30	
Snail - Atlantic Harry Triton		
Snail - Giant Eastern Murex		
Snail - Netted Olive		
Snail - Queen Helmet		
Snail - Spiny Murex		
Snail - True Tulip		
Snail- Florida Horse Conch		
Invertebrate, species?		

**Other:** Sand Dollar 30 ea

### Marine Amphibians:

Species	Quantity	Size	Color
Turtle, Loggerhead			
Turtle, Green			
Turtle, Leatherback			
Turtle, Species?			

### Other:

### Other Observations: