

MBARA Diver's Reef Survey Form

Reef Site Name: MB 106

Position Readings:

GPS Manufacturer & model: Garmin 76

N Lat.: 29 46.740 W Lon.: 85 41.608

Sonar Depth: 91'

Survey Date & Time: 3 April 2010/11:45 AM

Weather conditions and sea state: Sunny & Calm/Calm 1'-2'

Boat Name: Alley Cat

Boat Captain: Ron Childs

Dive Leader: Ron Childs

Dive Team Members: Jimmy Nicholson and Russell Carlisle

Diver Observations

Computer/Depth Gauge Depth: 91'

Diver Bottom Time on Survey:

Water Temp: Surface: 66F Bottom: 66F

Water Visibility: Surface: 60'-70' Bottom: 60'-70'

Thermocline Depth:

Current direction and speed:

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc):

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

Sand

Description of Reef Materials & Quantity:

3 Florida Limestone Artificial Reefs and 2 Grouper Havens.

Reef Height (highest point):

10'

Reef Physical Condition (Durability and Stability):

Excellent; except for 1 damaged Grouper Haven.

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: The top of 1

Grouper Haven was collapsed . Cause could not be determined.

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Baitfish - Mackerel Scad (Cigar Minnows)		
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	2	
Drum - Cubbyu		
Eel, species?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag	10	Sm
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		

Grouper, Scamp		
Grunt - Tomtate		
Grunt, species?	6	
Grunt, White		
Jack - Bluefish		
Jack - Greater Amberjack		
Jack species unknown		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackerel, King		
Mackerel, Spanish		
Mahi		
Porgy species unknown		
Porgy - Sheepshead	2	
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted		
Shark, species?		
Snapper, Bigeye		
Snapper, Gray (Black)		
Snapper, Red	75	
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted		
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	10	
Wrasse - Slippery Dick		

Other:

Poggies 6

Description of Biological Growth on Reef:

Species	Quantity	Size	Color
Algae	Some		
Barnacles	Low		
Christmas Tree Worm			
Coral - Colorful Sea Whip			
Coral - unidentified gorgonian			
Coral - White Telesto			
Corkscrew Anemone			
Tube Anemone			
Hard Corals-Assorted			
Mussels			
Oyster, species?			
Sea Scallop			
Sponges	12		

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		
Sea Slug, Species?	1	
Sea Urchin		
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:

Marine Amphibians:

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

Other:

Other Observations: