MBARA Diver's Reef Survey Form Rev 11 May 2013  Clear Form						
Reef Number and Name 124 MB-124 Unnamed						
Latitude (00 00.000) 29 55.438 Longitude (00 00.000) 85 32.542 Was published lat/lon correct?	Yes					
GPS Manufacturer & Model: Garmin 188C						
Sonar Depth (feet) 56 Survey Date Jun 8, 2013 Time 1200						
Weather Conditions Partly cloudy Sea Condition 2 ft						
Boat Name Bobcat Bob Cox						
Dive Leader Bob Cox						
Dive Team Members Carol Cox						
Depth Gauge Depth (feet) 59 Diver Bottom Time (minutes) 80						
Water Temp Surface (Fahrenheit) 80 Water Temp Bottom (Fahrenheit) 78						
Water Visibility Surface (feet) 15 Water Visibility Bottom (feet) 30						
Thermocline Depth (feet) Current Direction Current Speed (knots	)					
Other Water Column Characteristics (check all that apply)						
$\square$ Plankton $\square$ Algae $\square$ Jellyfish $\square$ Turbid $\square$ Other						
Bottom Composition (check all that apply)						
⊠ Sand □ Silt □ Mud □ Gravel □ Shell □ Other						
Reef Materials & Quantity 2 eco, 3 GU, 8 FLAR						
Reef Height at Highest Point (measured from base to top of the reef)(feet) 8						
Physical Condition (Durability, stability, storm damage, other damage or movement):						
<ul> <li>No damage</li></ul>						
Explain damage/movement and suspected cause ecosystems are listing						

## Fish Counts (Click on the hyper-links below for identification)

•		<b>,</b> ,			•	
Angelfish-Blue	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
Angelfish-Queen	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Great	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Guaguanche	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<b>✓</b> Batfish-Polka-Dot	<ul><li>1</li></ul>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Blenny-Molly-Miller	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
✓ Blenny-Seaweed	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
Blenny-Tessellated	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Blenny?	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Butterflyfish-Spotfin	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Butterflyfish?	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
✓ Cardinalfish-Two-Spot	O 1	<ul><li>2-10</li></ul>	O 11-100	O 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Chromis-Yellowtail- Reeffish	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
Cobia (Ling)	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Cowfish-Scrawled	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Damselfish-Cocoa	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
Damselfish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Dolphin?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ <u>Drum-Cubbyu</u>	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
Drum-Jackknifefish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Eel?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Flounder-Gulf	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Filefish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Frogfish-Ocellated	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Goby-Spotted	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Goby?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments

<b>✓</b> Grouper-Gag	O 1	<u> </u>	<ul><li>11-100</li></ul>	○ 101+	Length (inches)	Comments
Grouper-Goliath	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Graysby	O 1	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Red	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Rock-Hind	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
<b>✓</b> Grouper-Scamp	<u> </u>	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
Grunt-Juvenile	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
<b>✓</b> Grunt-Tomtate	<u> </u>	O 2-10	<u> </u>	<ul><li>101+</li></ul>	Length (inches)	Comments
✓ Grunt-White	<u> </u>	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
Grunt?	<u> </u>	<u> </u>	<u> </u>	○ 101+	Length (inches)	Comments
Hogfish	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Hogfish-Spanish	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
✓ Jack-Almaco-Lesser-AJ	<ul><li>1</li></ul>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
✓ Jack-Blue-Runner	<u> </u>	O 2-10	<u> </u>	<ul><li>101+</li></ul>	Length (inches)	Comments
<b></b> ✓ Jack-Greater-Amberjack	<ul><li>1</li></ul>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u> □Jack-Lookdown</u>	O 1	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Jack-Rainbow-Runner	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Jack-Round-Scad-Cigar- Minnow	O 1	<u> </u>	O 11-100	<ul><li>101+</li></ul>	Length (inches)	Comments
Jack?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Lionfish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Lizardfish?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Mackeral-King	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Mackeral-Spanish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u>Mahi</u>	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	O 1	<u> </u>	<u> </u>	<ul><li>101+</li></ul>	Length (inches)	Comments
Pinfish?	O 1	<u>2-10</u>	<u> </u>	O 101+	Length (inches)	Comments
Porgy-Saucereye	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments

<b>▼</b> Porgy-Sheepshead	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
Porgy?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer-Bandtail	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer-Sharpnose	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Ray?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Shark?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sharksucker-Sharksucker	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sharksucker-Whitefin	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sand-Perch	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ <u>Seabass-Bank</u>	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
✓ Seabass-Belted-Sandfish	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
Seabass-Black	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Seabass-Pygmy	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Seabass?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Snapper-Gray	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
✓ Snapper-Lane	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
✓ Snapper-Red	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
Snapper-Vermillion	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Snapper?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Soapfish-Whitespotted	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches)	Comments
<b> Spadefish-Atlantic</b>	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
<b>▼</b> Toadfish-Leopard	<ul><li>1</li></ul>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<b></b> ✓ Triggerfish-Gray	O 1	<u> </u>	<ul><li>11-100</li></ul>	O 101+	Length (inches)	Comments
<b>✓</b> Wrasse-Slippery-Dick	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Unlisted-See-Comments	O 1	<ul><li>2-10</li></ul>	<u> </u>	O 101+	Length (inches) 11-15	Comments southern flounder
✓ Unlisted-See-Comments	<ul><li>1</li></ul>	<u> </u>	<u> </u>	O 101+	Length (inches) 7	Comments porkfish
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments

## Growth on Reef (Click on the hyper-links below for identification) Algae 1-25% 26-50% 51-75% 76-100% Size (inches) Describe ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) ✓ Anemone Describe ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **▼**Barnacles Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **■** Bivalves Describe **▼**Coral-Colorful-Sea-Whip ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Describe Coral-Hard-Unkown ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Coral-Gorgonian Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Coral-Occulina Describe Coral-White-Telesto 1-25% 26-50% 51-75% 76-100% Size (inches) Describe Feather-Duster-Worms 1-25% 26-50% 51-75% 76-100% Size (inches) Describe Sponges ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) □Unlisted-See-Comments Describe Invertebrates at Reef (Click on the hyper-links below for identification) Cowry-Spotted-Cyphoma 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Cowry-West-Indian-Simnia 1 O 2-10 O 11-100 O 101+ Comments Size (inches) Crab-Swimming O 2-10 O 11-100 O 101+ $\bigcirc$ 1 Size (inches) Comments Crab-Stareye-Hermit $\bigcirc$ 1 ○ 2-10 ○ 11-100 ○ 101+ Comments Size (inches) Crab-Stone O 2-10 O 11-100 O 101+ $\bigcirc$ 1 Comments Size (inches) Crab-Yellowline-Arrow $\bigcirc$ 1 ○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments O 2-10 O 11-100 O 101+ Crab? $\bigcirc$ 1 Size (inches) Comments Lobster-Shovelnose $\bigcirc$ 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Lobster-Spiny O 2-10 O 11-100 O 101+ $\bigcirc$ 1 Size (inches) Comments **Octopus** ○ 2-10 ○ 11-100 ○ 101+ $\bigcirc$ 1 Size (inches) Comments Sea-Cucumber O 2-10 O 11-100 O 101+ $\bigcirc$ 1 Size (inches) Comments Sea-Slug $\bigcirc$ 1 ○ 2-10 ○ 11-100 ○ 101+ Comments Size (inches) Sea-Star $\bigcirc$ 1 O 2-10 O 11-100 O 101+ Comments Size (inches) Sea-Urchin O 2-10 O 11-100 O 101+ $\bigcirc$ 1 Comments Size (inches)

Snail-Atlantic-Hairy-Tr	riton ( 1	○ 2-10 ○ 11-100 ○ 10°	1+ Size (inches)	Comments			
Snail-Murex	O 1	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
Snail-Netted-Olive	<u> </u>	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
Snail-Florida-Horse-Co	onch ( 1	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
✓ Unlisted-See-Comme	nts 🔘 1	<b>●</b> 2-10 ○ 11-100 ○ 10	1+ Size (inches)	Comments red-tipped			
Turtles and Air Breathers/Mammals (Click on the hyper-links below for identification)							
Turtle-Green	<u> </u>	○ 2-10 ○ 11-100 ○ 10 <sup>-1</sup>	1+ Size (inches)	Comments			
Turtle-Leatherback	<u> </u>	○ 2-10 ○ 11-100 ○ 10°	1+ Size (inches)	Comments			
Turtle-Loggerhead	<u> </u>	○ 2-10 ○ 11-100 ○ 10°	1+ Size (inches)	Comments			
Turtle?	<u> </u>	○ 2-10 ○ 11-100 ○ 10 <sup>-1</sup>	1+ Size (inches)	Comments			
Whale?	<u> </u>	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
Unlisted-See-Comme	nts 🔘 1	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
Unlisted-See-Comme	nts 🔘 1	○ 2-10 ○ 11-100 ○ 10 <sup>-1</sup>	1+ Size (inches)	Comments			
Unlisted-See-Comme	nts 🔘 1	C 2-10 C 11-100 C 10	1+ Size (inches)	Comments			
✓ Other Observa	ations/Ph	otos:					
Observations  The Porkfish was first observed on this reef on 28 May 2013 and recorded on video. This fish is still present 11 days later. Observations of Porkfish in our area are unusual. They are usually found in schools in the Florida Keys and Caribbean.  Gray Triggerfish nesting was also observed in progress.  Photos?  Yes  Attached?  Yes							



Image Field Image Field

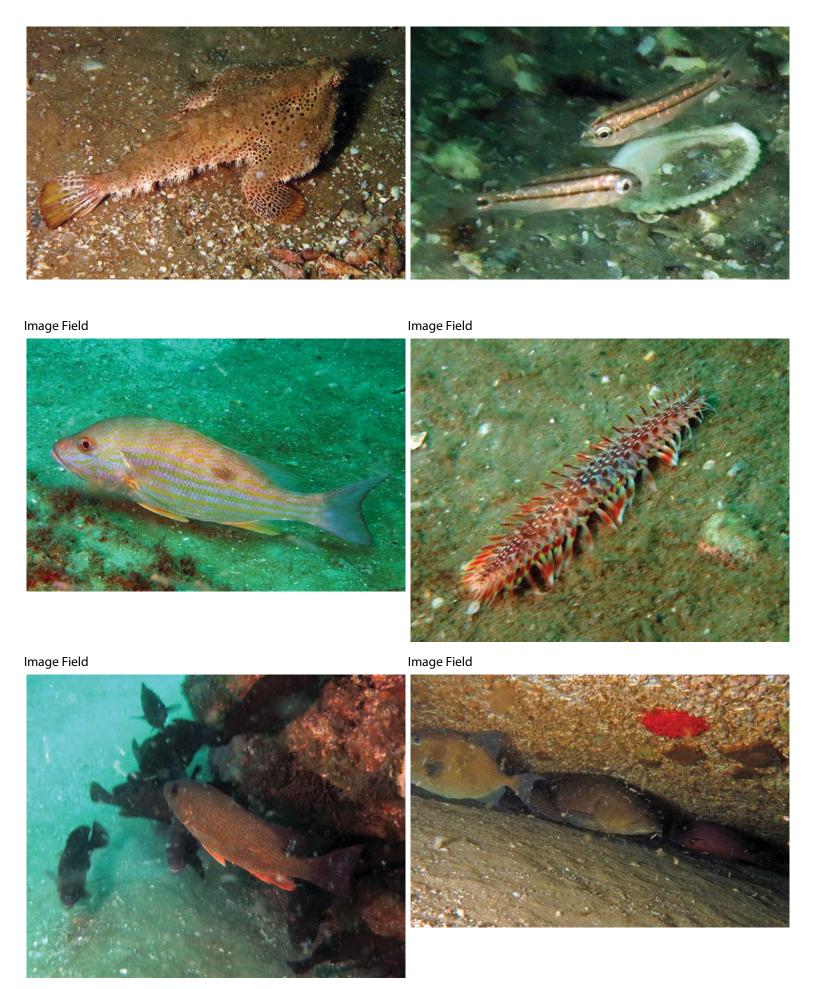


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