| MBARA Diver's Reef Survey Form Rev 24 Jun 2011 Clear Form | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Reef Number and Name 27 MB-27 unnamed fish haven | | | | | | | | |
| Latitude 29 53.636 Longitude 85 31.585 Was published lat/lon correct? ⊠ Yes □ No | | | | | | | | |
| GPS Manufacturer & Model: Garmin 188C | | | | | | | | |
| Sonar Depth (feet) 52 Survey Date Jul 15, 2011 Time 1630 | | | | | | | | |
| Weather Conditions Overcast Sea Condition 2 ft | | | | | | | | |
| Boat Name Bob Cat Boat Captain Bob Cox | | | | | | | | |
| Dive Leader Bob Cox | | | | | | | | |
| Dive Team Members Carol Cox | | | | | | | | |
| Depth Gauge Depth (feet) 52 Diver Bottom Time (minutes) 60 | | | | | | | | |
| Water Temp Surface (Fahrenheit) 86 Water Temp Bottom (Fahrenheit) 72 | | | | | | | | |
| Water Visibility Surface (feet) 20 Water Visibility Bottom (feet) 15 | | | | | | | | |
| Thermocline Depth (feet) 39 | | | | | | | | |
| Other Water Column Characteristics (check all that apply) | | | | | | | | |
| \Box Plankton \Box Algae $oxtimes$ Jellyfish $oxtimes$ Turbid \Box Other | | | | | | | | |
| Bottom Composition (check all that apply) | | | | | | | | |
| Sand Silt Mud Gravel Shell Other | | | | | | | | |
| Reef Materials & Quantity Found 6 ARI pyramids, probably more but vis was low | | | | | | | | |
| Reef Height at Highest Point (measured from base to top of the reef)(feet) 5 | | | | | | | | |
| Physical Condition (Durability, stability, storm damage, other damage or movement): | | | | | | | | |
| No damage | | | | | | | | |

Explain damage/movement and suspected cause

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

| | | | | | | | | | | _ |
|-----------------------------|------------|-----|------|----------------------|-------|----------|-----|---------------------|----------|---|
| <u>Angelfish-Blue</u> | \circ | 1 | 2-10 | () 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Angelfish-Queen | \bigcirc | 1 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Barracuda-Great | \bigcirc | 1 0 | 2-10 | O 1 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Barracuda-Guaguanche | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Batfish-Polka-Dot | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Blenny-Molly-Miller | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Blenny-Seaweed | \bigcirc | 1 🔘 | 2-10 | 11 | 1-100 | O 1 | 01+ | Length (inches) 1-2 | Comments | |
| Blenny-Tessellated | \bigcirc | 1 🔿 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Blenny? | \bigcirc | 1 🔘 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Butterflyfish-Spotfin | \bigcirc | 1 🔘 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Butterflyfish? | \bigcirc | 1 🔘 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Cardinalfish-Two-Spot | \bigcirc | 1 • | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) 1 | Comments | |
| Chromis-Purple-Reeffish | 0 | 1 🔿 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Chromis-Yellowtail-Reeffish | 0 | 1 🔘 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Cobia (Ling) | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Cowfish-Scrawled | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| <u>Damselfish-Cocoa</u> | \bigcirc | 1 0 | 2-10 | 1 | 1-100 | <u> </u> | 01+ | Length (inches) 1 | Comments | |
| Damselfish? | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Dolphin? | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| <u>Drum-Cubbyu</u> | \bigcirc | 1 • | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) 2 | Comments | |
| <u>Drum-Jackknifefish</u> | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Eel? | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Flounder-Gulf | • | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Filefish? | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Frogfish-Ocellated | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | <u> </u> | 01+ | Length (inches) | Comments | |
| Goby-Spotted | \circ | 1 0 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |
| Goby? | \bigcirc | 1 0 | 2-10 | O 11 | 1-100 | O 1 | 01+ | Length (inches) | Comments | |

| Grouper-Gag | O 1 | С | 2-10 | • | 11-100 | 0 | 101+ | Length (inches) 10-28 | Comments |
|--|---------------------|---|------|------------|--------|---------|------|-----------------------|----------|
| Grouper-Goliath | <u> </u> | С | 2-10 | \bigcirc | 11-100 | \circ | 101+ | Length (inches) | Comments |
| Grouper-Red | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| Grouper-Rock-Hind | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| <u>Grouper-Scamp</u> | 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 4 | Comments |
| <u>Grunt-Tomtate</u> | <u> </u> | С | 2-10 | \bigcirc | 11-100 | • | 101+ | Length (inches) 2 | Comments |
| <u>Grunt-White</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| Grunt? | <u> </u> | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| Jack-Almaco-Lesser-AJ | O 1 | • | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 18 | Comments |
| <u>Jack-Blue-Runner</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| Jack-Greater-Amberjack | O 1 | С | 2-10 | • | 11-100 | | 101+ | Length (inches) 12 | Comments |
| <u>Jack-Lookdown</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| Jack-Rainbow-Runner | O 1 | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| <u>Jack-Round-Scad-Cigar-</u> <u>Minnow</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | • | 101+ | Length (inches) 3 | Comments |
| Jack? | <u> </u> | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| <u>Lizardfish?</u> bluestyiped | <u> </u> | • | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 4 | Comments |
| <u>Mackeral-King</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| <u>Mackeral-Spanish</u> | O 1 | • | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 24 | Comments |
| <u>Mahi</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) | Comments |
| Minnows-Glass-Small-Fry | O 1 | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| Pinfish? | <u> </u> | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| <u>Porgy-Saucereye</u> | O 1 | • | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 12 | Comments |
| Porgy-Sheepshead-Porgy | 1 | С | 2-10 | \bigcirc | 11-100 | | 101+ | Length (inches) 16 | Comments |
| Porgy-Sheepshead | O 1 | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| Porgy? | <u> </u> | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| <u>Puffer-Bandtail</u> | O 1 | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |
| <u>Puffer-Sharpnose</u> | O 1 | С | 2-10 | \circ | 11-100 | 0 | 101+ | Length (inches) | Comments |
| Puffer? | <u> </u> | С | 2-10 | \bigcirc | 11-100 | 0 | 101+ | Length (inches) | Comments |

| Ray? | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
|------------------------------|---------------------|------------------------|--------------------------|----------|-----------------------|--------------------------|
| Shark? | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 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> | 11-100 | O 101+ | Length (inches) 3 | Comments |
| <u>Seabass-Bank</u> | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Seabass-Belted-Sandfish | O 1 | <u> </u> | 11-100 | O 101+ | Length (inches) 1-2 | Comments |
| <u>Seabass-Black</u> | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Seabass-Pygmy</u> | O 1 | 2-10 | <u> </u> | O 101+ | Length (inches) 1-3 | Comments |
| Seabass? | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Snapper-Gray</u> | O 1 | 2-10 | <u> </u> | O 101+ | Length (inches) 12-14 | Comments |
| Snapper-Lane | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Snapper-Red | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Snapper-Vermillion | O 1 | 2-10 | <u> </u> | O 101+ | Length (inches) 2 | Comments possibly more |
| Snapper? | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Soapfish-Whitespotted | O 1 | 2-10 | <u> </u> | O 101+ | Length (inches) 6 | Comments |
| Spadefish-Atlantic | O 1 | <u> </u> | 11-100 | O 101+ | Length (inches) 10 | Comments |
| Toadfish-Leopard | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Triggerfish-Gray | O 1 | <u> </u> | 11-100 | O 101+ | Length (inches) 8-16 | Comments |
| Wrasse-Slippery-Dick | O 1 | <u> </u> | 11-100 | O 101+ | Length (inches) 2-4 | Comments |
| <u>Unlisted</u> Bermuda Chub | 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) 2 | Comments Surface by boat |
| <u>Unlisted</u> | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Unlisted</u> | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Unlisted</u> | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Unlisted</u> | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Unlisted | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| Unlisted | <u> </u> | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |
| <u>Unlisted</u> | O 1 | <u> </u> | <u> </u> | O 101+ | Length (inches) | Comments |

Growth on Reef (Click on the hyper-links below for identification) ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Algae 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 Coral-Gorgonian 1-25% 26-50% 51-75% 76-100% Size (inches) 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 1-25% 26-50% 51-75% 76-100% Size (inches) **Sponges** Describe ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Describe Unlisted tunicates Invertebrates at Reef (Click on the hyper-links below for identification) Cowry-Spotted-Cyphoma \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Cowry-West-Indian-Simnia \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments **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 1 ○ 2-10 ○ 11-100 ○ 101+ 3 Comments Size (inches) Crab-Yellowline-Arrow \bigcirc 1 ○ 2-10 **○** 11-100 ○ 101+ Size (inches) 2-4 Comments \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments Crab? Lobster-Shovelnose \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments **Lobster-Spiny** O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments ○ 2-10 ○ 11-100 ○ 101+ Octopus \bigcirc 1 Size (inches) Comments Sea-Cucumber O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments Sea-Slug \bigcirc 1 O 2-10 O 11-100 O 101+ Comments Size (inches)

O 2-10 O 11-100 O 101+

○ 2-10 11-100 101+

Size (inches)

Size (inches)

 \bigcirc 1

 \bigcirc 1

Sea-Star

Sea-Urchin

Comments

Comments

| Snail-Atlantic-Hairy-Triton 1 2-10 11-100 101+ Size (inches) Comment | s | | | | | | | |
|--|---|--|--|--|--|--|--|--|
| Snail-Murex 1 2-10 11-100 101+ Size (inches) Comment | s | | | | | | | |
| Snail-Netted-Olive © 1 C 2-10 C 11-100 C 101+ Size (inches) 2 Comment | s | | | | | | | |
| Snail-Florida-Horse-Conch 1 2-10 11-100 101+ Size (inches) Comment | S | | | | | | | |
| Unlisted mantis shrimp 1 | S | | | | | | | |
| Turtles and Air Breathers/Mammals (Click on the hyper-links below for identification) | | | | | | | | |
| Turtle-Green 1 2-10 11-100 101+ Size (inches) Comment | S | | | | | | | |
| Turtle-Leatherback 1 2-10 11-100 101+ Size (inches) Comment | s | | | | | | | |
| Turtle-Loggerhead 1 2-10 11-100 101+ Size (inches) Comment | s | | | | | | | |
| <u>Turtle?</u> | s | | | | | | | |
| <u>Whale?</u> ☐ 1 ☐ 2-10 ☐ 11-100 ☐ 101+ Size (inches) ☐ Comment | s | | | | | | | |
| Unlisted 1 Comment | s | | | | | | | |
| Unlisted 1 Comment | s | | | | | | | |
| Unlisted 1 Comment | s | | | | | | | |
| Other Observations/Photos: | | | | | | | | |
| Observations Tube anemone in sand, 1 Brittle Starfish in sea urchins - 2, bright orange | | | | | | | | |
| | | | | | | | | |
| Photos? | | | | | | | | |



Image Field

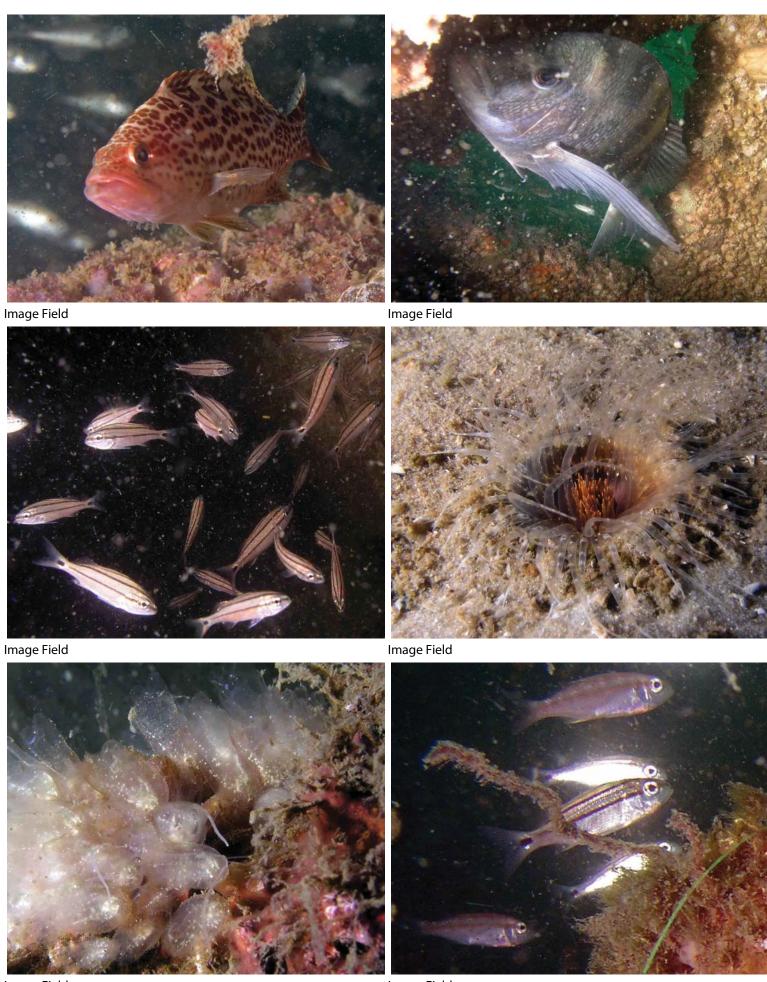


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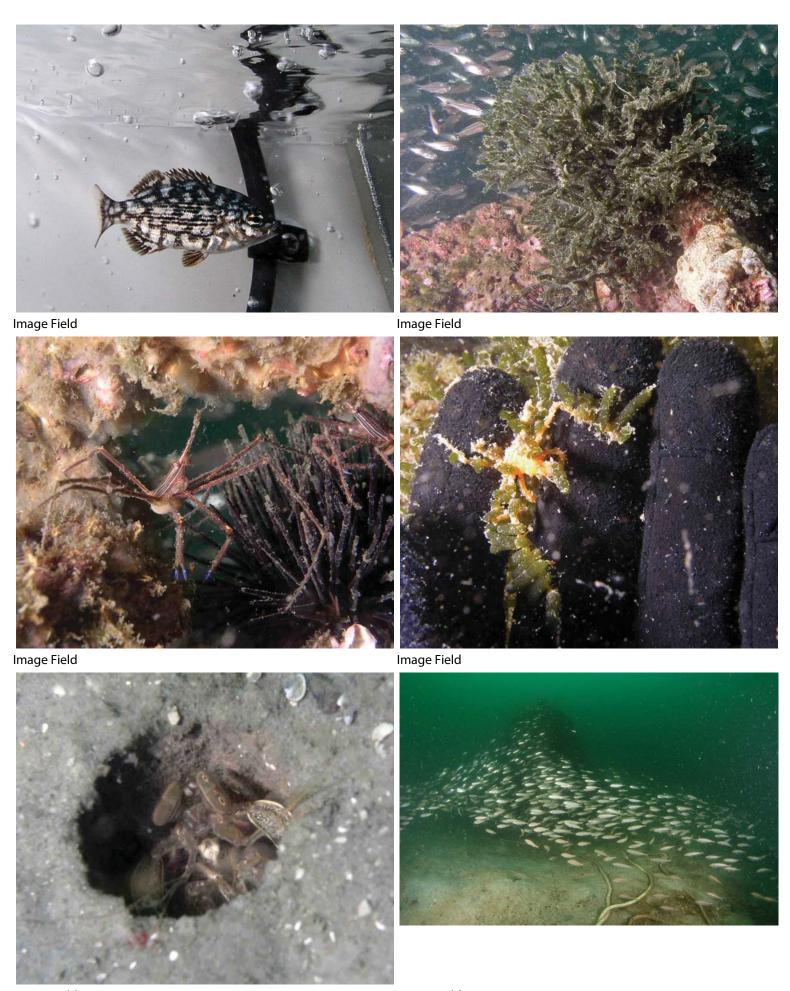


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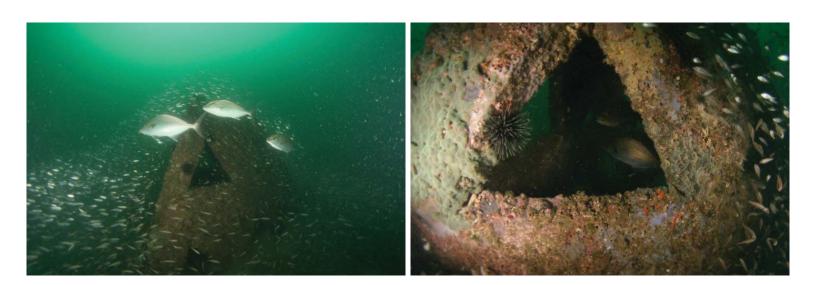


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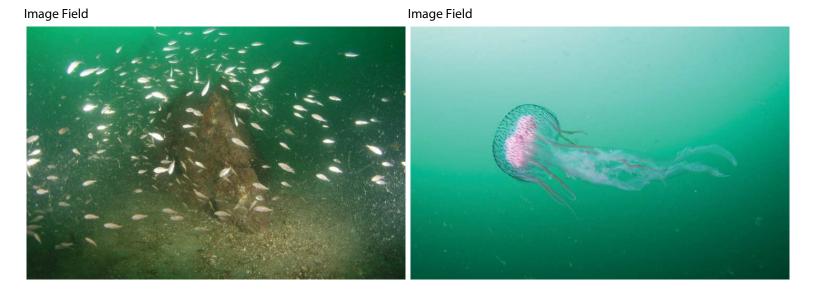


Image Field Image Field