

# Activity Summary

CrsID

LifeEdge2005

CrsProjID

OE\_2005\_083

## Stetson Banks

10/27/2005

**Continental Slope Coral Banks of the Southeastern United States:  
Exploring the distributions. e**

### Overview of Human Occupied Vehicle Dive JSL1-2005-4903 (LifeEdge2005\_ACT0081) at Stetson Banks

#### Activity Vitals

Dates/Times/Depth	Bndg Coordinates	System(s)
<b>Start</b> 10/27/2005 7:59:00	<b>North</b> 32.0167	Johnson-Sea-Link I Suction Sampler
<b>End</b> 10/27/2005 10:45:00	<b>South</b> 32.0189	
<b>Time zone</b> EDT <b>UTC</b> -04	<b>East</b> -77.6673	<b>Data Collected</b> Samples Multimedia Data
<b>MaxDepth (m):</b> -633.4	<b>West</b> -77.6709	

#### Participants

Martha Nizinski, Forward Observer  
D Angel, Aft Observer

#### Overall Dive Site Ratings

1 = low; 10 = high	
Uniqueness	<b>5</b>
Health	
Disturbance	<b>1</b>
Biodiversity	<b>5</b>
Relief Variation (meters):	

#### Objectives

Explore an area suspected of supporting deep coral communities; collect coral specimens for genetic analyses; collect fishes and invertebrates for Conduct video transects and collect coral specimens, fishes and invertebrates for genetic and stable isotope analyses.

#### Dive Track Description

Dive started at base of ridge and moved toward target site. Went up and over a series of ridges. Last ridge we went along the top. Bottom covered with small patches of hard and soft corals with a few sponges. Rest of bottom mixture of coral rubble and coarse sediment.

#### Living Habitat Structure

Type	% Cover
Sponges	20
Stony Corals	40
Octocorals	40

#### Sediments

Type	% Cover
Sediment	
Coral Rubble	

#### Geomorphology

Type	% Cover
ridges	100

#### Anthropogenics

Type/Description  
Nothing recorded.

#### Living Marine Resources Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

Pelagic Fish	Other Benthic
Bottom Fish Many	Nothing recorded.
Crustacean Few	
Mollusk	
Echinoderm Many	

#### Observations and Comments on Living Marine Resources:

No other comments.

Unique or Rare Invertebrates	Unique or Rare Vertebrates
Nothing recorded.	Nothing recorded.

#### Fish Observation and Abundance

None (0) Single (1) Few (2-10) Many (11-100) Abundant (>100)

Laemonema-many, Nezumia-many

#### Other Comments/Notes

NOAA Office of Ocean Exploration



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