

Activity Summary

CrsID

LifeEdge2004

CrsProjID

PRJ0019

Savannah Lithotherms

6/12/2004

Life on the Edge II: Exploring Deep Ocean Habitats

Overview of Human Occupied Vehicle Dive JSLI_4687 (LifeEdge2004_ACT0043) at Savannah Lithotherms

Activity Vitals

Dates/Times/Depth	Bndg Coordinates	System(s)
Start 6/12/2004 8:03:00	North 31.7424	Johnson-Sea-Link I HD Video Camera
End 6/12/2004 10:41:00	South 31.7275	
Time zone EDT UTC -04	East -79.0941	Data Collected
MaxDepth (m): -540.4	West -79.1172	Samples Multimedia Data

Participants

Steve Ross, Forward Observer
Katie Cartwright, Aft Observer
Craig Caddigan, Pilot
Patrick Jorgenson, Aft Technician

Overall Dive Site Ratings

1 = low; 10 = high	
Uniqueness	
Health	
Disturbance	2
Biodiversity	4
Relief Variation (meters):	15

Objectives

Video transects; set traps if possible; and collect corals, fish, and inverts.

Dive Track Description

Dive started on sand, very high bottom current (0.7 kn). Ran toward mound, increasing sponge and rock going up to a small Lithotherm. Spent whole dive working around this small mound. It had scattered sponges and small corals, but low relief.

Living Habitat Structure

Type	% Cover
Sponges	
Stony Corals	
Octocorals	
Bryozoans	
Dead Coral w/ encrusting	

Sediments

Type	% Cover
Medium Sand (.25mm -	

Geomorphology

Type	% Cover
mounds	
low-relief hard bottom	
sand	

Anthropogenics

Type/Description
Nothing recorded.

Living Marine Resources Abundance

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

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

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)

Breviraja plutonia-few, Chlorophthalmus agassizi-single, Laemonema barbatulum-few, Laemonema melanurum-many, Helicolenus dactylopterus-single, Scorpaenid ?-few, Scyliorhinus meadi-single, Carcharhinus sp. ?-few, Squalus ?-few, Neaumia sp.-many

Other Comments/Notes

NOAA Office of Ocean Exploration



Generated on 12/21/2005