

Activity Summary

CrsID

EstAbyss2004

CrsProjID

PRJ0020

Cutthroat Cliff

8/30/2004

From the Estuary to the Abyss: Exploring along the Latitude 31 30 Transect

Overview of Human Occupied Vehicle Dive 3470 (EstAbyss2004_ACT0011) at Cutthroat Cliff

Activity Vitals			Participants		Overall Dive Site Ratings	
Dates/Times/Depth	Bndg Coordinates	System(s)	Leslie R. Sautter, Forward Observer		1 = low; 10 = high	
Start 8/30/2004 7:55:00	North 30.2759	Johnson-Sea-Link II	Zeb Schobernd, Aft Observer		Uniqueness	7
End 8/30/2004 11:16:00	South 30.2759		Tim Askew, Jr., Pilot		Health	8
Time zone EDT UTC -04	East -79.3397	Data Collected	Hugo Marrero, Aft Technician		Disturbance	2
MaxDepth (m): -836.0	West -79.3397	Samples	Leslie R. Sautter		Biodiversity	5
		Multimedia	Zeb Schobernd		Relief Variation (meters):	60
		Data	Leslie R. Sautter, Forward Observer			

Objectives

Dive 3470: To record transects and collect fish, inverts, sediment, rocks, and corals.

Dive Track Description

Started on flat sand, then went upslope slightly to transect and collect fishes (cutthroat eel, cusk eel), sponges, echinoderms. At the top of the slope, transited the cliff edge then proceeded down cliff to collect and observe corals and fish.

Living Habitat Structure		Sediments		Geomorphology		Anthropogenics
Type	% Cover	Type	% Cover	Type	% Cover	Type/Description
Sponges	1	Boulder (> 256Mm)		rock outcrops		Cables
Stony Corals	2	Cobble (64mm - 256mm)		low-relief hard bottom	25	telecom cable
Octocorals	2	Fine Sand (.06mm -		pits	1	
Bryozoans	2	Mix of Boulders & Cobbles		walls	50	
Dead Coral w/ encrusting	10			rock rubble		
				sand	25	

Living Marine Resources Abundance

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

Resource	Abundance
Pelagic Fish	None
Bottom Fish	Few
Crustacean	None
Mollusk	Few
Echinoderm	Few

Observations and Comments on Living Marine Resources:

Excellent visibility. Interesting habitat of broken rock slope with sand chutes.

Unique or Rare Invertebrates	Unique or Rare Vertebrates
bamboo coral, two types of crinoid	unid, Ophidiiform fish, dicrolene

Fish Observation and Abundance

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

synaph.branchus-many, Dicrolene-few, Macroridae-few, shark-single

Other Comments/Notes

NOAA Office of Ocean Exploration



Generated on 12/21/2005