

Activity Summary

Cruise **biolum2009**

Project **Bioluminescence 2009**

Little Bahama Bank Lithoherm

2009/07/29 16:30:00 EDT - 2009/07/29 20:00:00 EDT

Bioluminescence in the Deep-Sea Benthos

JSL2-3698

Activity Vitals

Dates/Times/Depth	Bndg	Coordinates	System(s)
Start 2009/07/29 16:30:00	North	27.5	Johnson Sea Link II
End 2009/07/29 20:00:00	South	24	
Time zone EDT	East	-79	Data Collected
MaxDepth (m) 2040	West	-79.5	Multimedia
Operating Depth Range (m) 1900-2040			

Participants

Edie Widder, Forward Observer
Susan Gottfried, Aft Observer
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,

Overall Dive Site Ratings

1=low, 10=high

Uniqueness	No rating
Health	No rating
Disturbance	No rating
Biodiversity	No rating
Relief Variation (m)	

Objectives

Collections and video recording of bioluminescence with internal I²CCD Camera

Dive Track Description

Came down on sandy bottom. Used SONAR to head for lithoherms. All running north to south. Scanned the length of 3 at 2000'. Many crinoids and some large fish. No Gerardia. Located shallower smaller lithoherm with peak at 1900'. Had Gerardia near top. Also seemed to be covered with lophelia litter as well as some health Lophelia but not a lot. Many venus fly trap anemones. current over top of lithoherm running south to north at 0.3 knots.

Biological Comments

No biological comment recorded.

Geological Comments

No geological comment recorded.

Living Habitat Structure

Type	% Cover
Nothing recorded	

Sediments

Type	% Cover
Nothing recorded	

Geomorphology

Type	% Cover
Nothing recorded	

Anthropogenics

Type/Description
Nothing recorded

Living Marine Resources Abundance

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

Nothing recorded

Observations and Comments on Living Marine Resources

No other comments.

Unique or Rare Invertebrates

Nothing recorded.

Unique or Rare Vertebrates

Nothing recorded.

Fish Observation and Abundance

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

Nothing recorded

Other Comments/Notes

No additional comments.
