

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-670

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 13.064

Longitude: 156°53.833

Mission Date: 8/27/06

Duration: 8 h 40 min

Maximum Depth: 678 m

Project Title: Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

Principal Investigator: Craig Smith & Eric Vetter

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Observer 1: Eric Vetter

Observer 2: David Vardeh

Address: Hawaii Pacific University
45-045 Kamehameha Ave
Kaneohe, HI 96744

Address: University of Hawaii, Manoa

Pilot 1: Max Cremer

Pilot 2:

Scientific Data Acquired: Prepare an abstract outlining your objectives, techniques, findings, etc.

Objectives:

- Four twelve minute visual/video transects
- Trap deployment, 4 hr +
- Bait station
- 6 sediment cores
- collect octocorals and deposit feeders

Species List:

Please mark whether -single; -few (2-10); -many (11-100); -abundant (>100)
(e.g., *Symphysanodon maunaloae*-many)

M. abyssalis	single	
ANEMONES	abundant	
Araeosoma	many	
ASTEROIDS	many	
Benthoscymnus	many	
Brisinga	many	
Caelorhynchus	many	
Cerianthids*	abundant	
Congers	many	
EELS	many	
Fly-trap (hormathiid/actinoth)	many	
MACROURIDS	many	
Nematocarcinus	abundant	
Orange holothurian	few	
Paelopatides retifer	many	
Pennatula	many	
Phormosoma	abundant	
Plesiobatis daviesi	few	
Satyrichthys sp.	single	
SCORPAENIDS	single	
Shrimp NOS	many	
Umbellula	many	
Ventrifossa	many	
Nematostoma	few	
Aldrovandia	few	canyon
Snake Mackerel	few	canyon
Gadomus	single	canyon
Bathygadid	single	canyon

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, the equipment and crew functioned extremely well.

Recommendations for corrective action or improvement:

None from our perspective.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

The mission achieved its purpose.

List specimens or samples collected on the mission.

Six sediment cores were recovered. Fifteen *Heterocarpus* shrimp were recovered in the trap. One gorgonian, one *Iridogorgia*, 22 ophiuroids, 11 *Phormosoma bursarium*, one *Paelopatides*, and two unidentified holothurians were collected.

DATA RELEASE

Data may be retained by the project leader for up to 2 years after the mission date with the following exception. NOAA may request to use photos for publication or publicity purposes at any time.

Fill in the appropriate statement below and sign this form.

I hereby release the data archived by HURL for public consumption following mission

_ Canyon & Scavenger Communities of the Main & Northwestern Hawaiian Islands

(project title)

held on__ 9/16/2003 _____(date) in the following way:

- a. CTD data by__ 9/16/2005 _____(date)
- b. voice transcripts, video, and still camera film by__ 9/16/2005 _____(date)
- c. other__ 9/16/2005 _____(date)
- d. I will give my written consent to individuals wishing to use these data prior to the above dates depending on the nature of the request(s).

Principal Investigator