

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-662

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 11.8

Longitude: 156° 53.25

Mission Date: 8/27/06

Duration: 8 h min

Maximum Depth: 439 m

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

Principal Investigator: Craig Smith & Eric Vetter

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Observer 1: Craig Smith

Observer 2: Fabio De Leo

Address: University of Hawaii
1000 Pope Rd.
Honolulu, HI 96822

Address:

Pilot 1: Terry Kerby

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:

Chlorophthalmus	many
Myctophid	many
Chrionema chrysalis	few
brachyuran crab	few

	few
Satyrichthys engycerus	few
Lyrocteis	few
Cyrtomaia smithi?	few
FLATFISHES	few
Pangurids (hermits)	few
Heterocarpus	few
URCHINS	few
ASTEROIDS	few
Bembrops	few
GORGONIANS	few
SEA PENS	few
Decorator (Paromola)	few
Randallia distincta?	few
Octopus	few
MACROURIDS	few
Actinostolid	few
SOFT CORALS	few
HOLOTHURIANS	few

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. Coarse sediment made coring difficult.

List specimens or samples collected on the mission.

Six sediment cores were recovered. *Heterocarpus* shrimp were recovered in the baited trap. In addition, a heavily bored piece of wood, and substantial numbers of macrofauna were recovered in the scoop net of wood, nut and leaf detritus.

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 8/27/06 (date) in the following way:

- a. CTD data by 8/27/08 (date)
- b. voice transcripts, video, and still camera film by 8/27/08 (date)
- c. other 8/27/08 (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).

Craig R. Smith

Principal Investigator