

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-665

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 14.270

Longitude: 157° 02.654

Mission Date: 8/27/06

Duration: 7 h 10 min

Maximum Depth: 1008 m

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

Principal Investigator: Craig Smith & Eric Vetter

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Phone: 808-956-7776

Observer 1: Eric Vetter

Observer 2: Brandi Kivi

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

Address: University of Hawaii, Manoa
Volunteer

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

Species List:

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

MACROURIDS	few
Satyrichthys sp.	many
ANEMONES	few
Aspidodiadema	few
brachyuran crab	few
Chascanopsetta prorigera	many
Chlorophthalmus	abundant
Chrionema chrysalis	many
CTENOPHORES	few
Cyrtomaia smithi?	few
galatheid crab	few
Heterocarpus	many
Laganum fudsiyama?	many
Molokai' Mushroom coral	abundant
Octopus	few
Pangurids (hermits)	few
Polymyxia	few
SCORPAENIDS	few
SEA PENS	abundant
Sericolophus hawaiiensis	abundant
Shrimp NOS	many
Squid	few
Stereocideris hawaiiensis	many
Synodus	abundant
TELEOSTS	many
Ventrifossa	few
Squalus mitsukurii	many
Myctophid	many
Plesiobatis daviesi	single
Coelorhynchus	few

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, the equipment and crew functioned extremely well with the exception of the DV camera which spontaneously turned off more than a dozen times.

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. Deep muddy sediment made coring highly effective. None of the desired octocorals were observed.

List specimens or samples collected on the mission.

Six sediment cores were recovered. Six *Heterocarpus* were recovered in trap. Nine solitary corals and four urchins (*Laganums*) were collected. Piece of wood was collected which contained many small urchins, sipunculids and other fauna yet to be determined.

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