

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-668

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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Phone: 808-956-7776

Observer 1: Eric Vetter

Observer 2: Lisa

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)

Plesiobatis daviesi	single
ANEMONES	many
Araeosoma	many
Aristeus	few
ASTEROIDS	many
Beryx decadactylus	few
brachyuran crab	many
Chascanopsetta prorigera	few
Chlorophthalmus	abundant
Chrionema chrysalis	many
CTENOPHORES	many
Cyrtomaia smithi?	many
galatheid crab	many
gastropod	few
Heterocarpus	abundant
Histocidarid	many
Laganum fudsiyama?	few
Myctophid	abundant
Octopus	few
Pangurids (hermits)	few
Paramola	few
Parapagurus	few
Polymyxa	few
Satyrichthys sp.	many
Seriola dumerii	few
Squid	few
stalked sponge	few
Stereocideris hawaiiensis	many
Suspension feeding holothurian	few
Synagrops	many
Synagrops	abundant
Rexea	few
Epigonus	single
Aspidodiadema	many
Etelis	single
Bathycongrus	single
Box crabs	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. Two *Heterocarpus* shrimp and a galatheid crab were recovered in the trap. One octocoral, two *Areosoma*, three *Histocidaris*, one *Steriocidaris*, and two unidentified urchins.

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