

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-667

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 14' N

Longitude: 156° 47.4' W

Mission Date: 9/1/06

Duration: 8 h min

Maximum Depth: 710 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: Jeff Drazen

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

Address:

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 m

OPHIUROIDS

abundant

Cerianthids*

abundant

Phormosoma	abundant
Fly-trap (hormathiid/actinoth)	many
MACROURIDS	many
Shrimp NOS	many
ASTEROIDS	many
Synaphobranchids	many
Ventrifossa	many
Benthesicymus	many
Brisinga	many
Araeosoma	many
Paelopatides retifer	many
Coelorynchus doryssus	few
GORGONIANS	few
Xenophyophore	few
Heterocarpus	few
Congers	few
URCHINS	few
Cyrtomaia smithi?	few
Nematocarcinus	few
Actinostolid	few
SEA PENS	few
Suspension feeding holothurian	few
CRINOIDS	few
Goniasterid	few
M. abyssalis	few
brachyuran crab	few
Aspidodiadema	few
Stereocideris hawaiiensis	few
Nezumia	few
Ophidiid	few
Sladenia remiger	few
glass sponge	few
ANEMONES	few
Coralomorph	few
Benthoscymnus	few
Heterocarpus laevigatus	few
Mesothuria	few
Nettastoma	single
TRICHIURID	single
Plesiobatis daviesi	single
Beryx decadactylus	single
Bathytyphlops	single
SCORPAENIDS	single
ALEPOCEPHALID	single
SPONGES	single
SOFT CORALS	single
Umbellula	single
HOLOTHURIANS	single
Squid	single
gastropod	single

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, the equipment and crew functioned extremely well. Although the dive was somewhat beastly.

Recommendations for corrective action or improvement:

None from our perspective. External digital still camera desirable.

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 9/1/06 _____ (date) in the following way:

- a. CTD data by 9/1/2008 (date)
- b. voice transcripts, video, and still camera film by 9/1/2006 (date)
- c. other 9/1/2008 (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