

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-666

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 15.45

Longitude: 156° 46.85

Mission Date: 8/31/06

Duration: 8 h min

Maximum Depth: 1100 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: Les Watling

Address: University of Hawaii
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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 maunaloae*-many)

Aldrovandia	abundant
Goniasterid	many
MACROURIDS	many
OPHIUROIDS	many
Paelopatides retifer	many
Nezumia	many
Aristeus	many
Congers	many
Cerianthids*	many
Henricia	many
Xenophyophore	many
Fly-trap (hormathiid/actinoth)	many
stalked sponge	few
Benthesicymus	few
Nematocarcinus	few
ASTEROIDS	few
Gadomus melanopterus	few
Heterocarpus	few
Actinostolid	few
MYSTERY SHRIMP	few
doryssus	few
Centroscyllium	few
SPONGES	few
HALOSAURIDS	few
ALEPOCEPHALID	few
ANEMONES	few
Coralomorph	few
GORGONIANS	few
Nerella	few
SEA PENS	few
Neolithodes	few
Ophidiid	few
Luciobrotula bartschi	few
EELS	few
Snake Mackerel - Gempylus	few
TELEOSTS	few
Anthenoides	few
Phormosoma	few
HOLOTHURIANS	few
Mesothuria	few
CRINOIDS	few
SHARKS	few
brachyuran crab	few
Pangurids (hermits)	few
Brisinga	few
Araeosoma	few
Aspidodiadema	few
gastropod	few
WOOD	few

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None, the equipment and crew functioned extremely well.

Recommendations for corrective action or improvement:

It would be useful to have more push cores available (on the order of 16).

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. Numerous small amphipods were recovered in the trap. One gorgonian and one rock with an anemone were recovered.

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 8/31/06 _____ (date) in the following way:

- a. CTD data by 8/31/08 _____ (date)
- b. voice transcripts, video, and still camera film by 8/31/08 _____ (date)
- c. other 8/31/08 _____ (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