

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT DIVE: P5-671

MISSION STATUS

Location: North Moloka'i

Latitude: 21° 16.5' N

Longitude: 156° 47.75' W

Mission Date: 9/5/06

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: John Yeh

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)

OPHIUROIDS
Cerianthids*

abundant
many

Paelopatides retifer	many
ASTEROIDS	many
Aldrovandia	many
SEA PENS	many
Aristeus	many
Nematocarcinus	many
MACROURIDS	few
glass sponge	few
Coelorynchus doryssus	few
Phormosoma	few
Nezumia	few
WOOD	few
Synaphobranchids	few
Nettastoma	few
TELEOSTS	few
SPONGES	few
GORGONIANS	few
Gadomus melanopterus	single
Ophidiid	single
Ijimaia	single
Nerella	single
Umbellula	single
Pangurids (hermits)	single
Lepadimorph	single
Neolithodes	single
Brisinga	single
Mesothuria	single
CRINOIDS	single
Goniasterid	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.

List specimens or samples collected on the mission.

Six sediment cores were recovered. Other animals collected included several gorgonians, *Paelopatides*, ophiuroids, and an asteroid.

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 9/5/06 _____ (date) in the following way:

- a. CTD data by 9/5/2008 (date)
- b. voice transcripts, video, and still camera film by 9/5/2006 (date)
- c. other 9/5/2008 (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