

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-383

MISSION STATUS

Location: Southeast Brooks Banks

Mission Date: Sept. 17, 1998

Maximum Depth: 480 m

Project Title: Precious Corals in the Hawaiian Islands

Principal Investigator: Craig Smith / George Roderick

Address: Dept. of Oceanography
University of Hawaii
Honolulu, HI 96822

Phone: 956-8623

Observer 1: Amy Baco-Taylor

Observer 2: Joel Pfeiffer

Address: as above

Address: as above

Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

We landed at ~240m and followed the slope down to the west. Began seeing many feathery black corals. Some unusual rock formations. Pink corals began at about 360m and became more abundant with increasing depth to about 420m. Were present at deeper depths. Red corals began about 420 m as did golds. At about 440 m, red density increased to 1-4 per m² ! Few living golds, but many stumps. Hydrocorals very abundant.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None

Recommendations for corrective action or improvement:

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

Yes

List specimens or samples collected on the mission.

30 Corallium secundum

17 Corallium regale

2 Gerardia sp.

3 Hydrocorals

2 Feathery black - Bathypathes sp.

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

Precious Corals... (project title)

held on Sept. 17, 1998 (date) in the following way:

- a. CTD data by N/A (date)
- b. voice transcripts, video, and still camera film by Sept. 2000 (date)
- c. other Sept. 2000 (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