

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-326

MISSION STATUS

**Location:** Makapuu coral bed; 21<sup>0</sup>18.32' X 157<sup>0</sup>32.67'

**Mission Date:** Aug.22, 1997

**Maximum Depth:** 420 m.

**Project Title:** Climate variability retrieved from deep water corals

**Principal Investigator:** Robert B. Dunbar

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**Phone:** (650)725-6830

**Observer 1:** R.W. Grigg

**Observer 2:** Brad Linsley

**Address:** Univ. of Hawaii  
Dept. of Oceanography  
Honolulu, HI 96822

**Address:** State Univ. of New York  
(SUNY)  
Albany, NY 12222

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

1. Depth zonation and abundance patterns of Corallium secundum mapped;
2. Collection of 5 colonies of C. secundum, 4 Gerardia sp. (gold coral), 2 Antipathes glaberrim (black coral);
3. 6 water samples collected at sites of coral collections;
4. 4 video tapes with audio record of entire dive, 1 digital video tape of 60 minutes;
5. 120 still photographs;

Objectives of dive successfully achieved, findings await data analysis.

**MISSION EVALUATION:**

**Limitations, failures, or operational problems noted:**

99% of mission objectives accomplished successfully, the only problem (minor) encountered was the loss of a few small specimens from the collecting basket during retrieval of the sub at the surface due to rough sea

**Recommendations for corrective action or improvement:**

Possibly covering the collecting basket with a lid during retrieval of the submarine.

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

We actually achieved more than I expected.

**List specimens or samples collected on the mission.**

See first page

## 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

Climate records from Hawaiian deep water corals (project title)

held on Aug.22, 1997 (date) in the following way:

- a. CTD data by Aug.31, 1998 (date)
- b. voice transcripts, video, and still camera film by Aug.31, 1998 (date)
- c. other Aug.31, 1998 (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).

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Principal Investigator