

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-082

MISSION STATUS

Location: Off Kona, Hawaii
Mission Date: July 15, 1988
Maximum Depth: 1080 m
Project Title: Reproduction of Abyssal Echinoderms
Project Leader: Craig M. Young
Address: Division of Marine Science
Harbor Branch Oceanographic Institution
5600 Old Dixie Hwy.
Ft. Pierce, Fl. 34946
Phone: (407) 465-2400 ext. 303
Observers: J. Lane Cameron, C. Young
Address: same as above

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

Objective was to survey bathyal Echinoderm fauna at 1000 m depth, with a view to future comparative studies along a depth gradient. The objectives were achieved. We found several elasipoid holothurians that were not found deeper, as well as asteroids and an exciting Aspidodiadematoïd echinoid, which may have unusual larval development.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Lid broke off box; arrived at surface with only one of approximately 6 animals collected.

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.

Mission accomplished.

List specimens or samples collected on the mission.

Aspidodiadema sp. 1

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 "Reproduction of Abyssal Echinoderms" (project title) held on July 15, 1988 (date) in the following way:

- a. CTD data by none (date)
- b. voice transcripts, video, and still camera film by July 15, 1990 (date)
- c. other none (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).

Project Leader