

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-204

MISSION STATUS

Location: Leeward Lanai
Mission Date: August 4, 1992
Maximum Depth: 600 meters
Project Title: Daytime habitat of the Mesopelagic Boundary Community
Project Leader: R.E. Young
Address: University of Hawaii
Dept. of Oceanography
1000 Pope Road MSB 631
Honolulu, HI 96822
Phone: 956-7024
Observers: S. Reid, R.E. Young
Address: Same

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

Survey for mesopelagic animals at 2 sites; 600 m bottom and 350 m bottom. Run 15 min. transects at various heights above ocean floor for species abundances. Findings: confirmed near-bottom distribution of Sergia fulgens. Observed Gnathophausia for the first time. Surprised by apparent absence of Oplophorus. Documented distribution of sternoptychids. Myctophids proved to be very patchy.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

No CTD
Low-8 camera failed
No 35 mm pictures possible
Sonar not working

Recommendations for corrective action or improvement:

Fix equipment.

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

We learned a great deal from the dive. Sonar needed for
more quantitative transect.

List specimens or samples collected on the mission.

None.

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 Daytime habitat of the M.B.C.
(project title) held on August 4, 1992 (date) in the following way:

- a. CTD data by N/A (date)
- b. voice transcripts, video, and still camera film
by July 1994 (date)
- c. other N/A (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