

HAWAII UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT MISSION NO. P5-285

MISSION STATUS

Location: South of Kailua-Kona, off Cook Monument

Mission Date: July 24, 1996

Maximum Depth: 1000m

Project Title: Reproductive Biology of Deep-Sea Animals

Principal Investigator: Craig M. Young

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Observers: 1) P.A. Tyler, 2) E. Vazquez

Addresses: 1) Dept. of Oceanography
University of Southampton
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2) HBOI

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

Objectives: To run a transect from 1000m depth upslope rating sediment/rock type and megafauna present. Video and photograph representative fauna and collect material for voucher specimens. Locate, video and photograph any sponge 'fields'.

Techniques: Sub collected video and photography.

Finding: Rather a barren transect although it did yield some splendid countryside - steep slopes, sediment filled gulleys, outcrops of lava, breccias and eroded ? reef rocks. Fauna included variety of sea urchins, a nudibranch, gorgonian, ophiuroids, holothurian, a pectinid bivalve and a benthic ctenophore. Vertical cliffs were found from approximately 100m upwards. A great dive!

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None.

Recommendations for corrective action or improvement:

None.

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.

2 spp. of sea urchin
1 gorgonian and euryalid
1 ophiuroid
1 pectinid
1 nudibranch

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

Reproductive Biology of Deep-Sea Animals (project title) held on July 24, 1996

(date) in the following way:

- a. CTD data by 7/25/96 (date)
- b. voice transcripts, video, and still camera film by 7/25/98 (date)
- c. other 7/25/98 (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