

HAWAI'I UNDERSEA RESEARCH LABORATORY

QUICK LOOK REPORT (QLR) for *Pisces* and RCV-150

DIVE: P5-733

(Extend length of sections as needed/appropriate)

MISSION STATUS

Location: 3rd Finger Penguin Banks

Latitude: 20 ° 55.867'N **Longitude:** 157 ° 30.098'W

Mission Date: March 27, 2009 **Duration:** 8 hours 30 mins

Maximum Depth: 240 meters

Project Title: Grammatonotus fish collection

Principal Investigator: Robert B. Moffitt

Address: PIFSC, NMFS, NOAA

2570 Dole St

Honolulu, HI 96822

Phone: (808) 983-5373

Observer 1: Robert Moffitt **Observer 2:** Ryan Nichols

Address: as above **Address:** as above

Pilot 1: Terry Kirby **Pilot 2:** _____

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

Objectives:

The purpose of this dive was to collect specimens of *Grammatonotus laysanus* using rotenone. The specimens are to be used to distinguish and name 3 of the 4 *Grammatonotus* species found in Hawaii. (The forth, *G. macrophthamus* has been very reliably identified).

Observations, findings, etc:

Observed Species list:

Gindai, ehu, Randallichthys, kahala, kalekale, menpachi, Roa, Pseudanthias fucinus, S. maunaloae, S. typus, Holanthias elizabethi, Diamondtail Grammatonotus, Pontinus, Gymnothorax ypsilon, Bodianus cylindratus. Munida brucei

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

All operations all worked very well. We just didn't find the correct fish species.

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:

We failed to meet the planned objective only because we did not find the correct species. All collection equipment worked to perfection.

List specimens or samples collected on the mission:

Munida brucei (1), Antennarius sp (1), Pseudanthias fucinus (1), Bodianus cylindriatus (1), Diamondtail Grammatonotus (6), Symphysanodon maunaloae (19).

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 (Project title):

Grammatonotus fish collection

Held on 27 Mar 2009 (date) in the following way:

- a. CTD data by 27 Mar 2011 (date)
- b. Video and images by 27 Mar 2011 (date)
- c. Other 27 Mar 2011 (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).

Robert B. Moffitt

Principal Investigator