

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-668 Date: SEPTEMBER 2, 2006
 Observer 1: ERIC VETTER
 Affiliation: HAWAII PACIFIC UNIVERSITY Dive Location: NORTH MOLOKAI
 Observer 2: LISA DEFOREST Latitude: 21° 12.602' N
 Affiliation: UNIVERSITY OF HAWAII Longitude: 156° 47.573' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0805
 Special Equipment: _____ Time of Surface: 1654
 Cameras: SONY DV, ROS COLOR Time Submerged: 8:49
 Manipulators: TITAN 7F, HYCO Time Thru Last Dive: 4480:21
 Samplers/Sensors: CTD-DO, PUSH COBERS, Total Time to Dive: 4489:10
BIO BOX, SCOOP NET, BAILED TRAP, BAIT PARCEL Dive Depth: 479 m
 Support Vessel: R/V KAHIKAI-O-KANALOA Water Depth: 479 m
 Captain: ROSS BARNES Water Temperature: 7.6° @ 458 m
 Visibility: FAIR, ~10 m, WHEN NOT SILTED UP

Dive Results/Remarks: CANYON ECOLOGY DIVE. 0843 458m landing on a sandy slope with canyon wall about 20 m to SW. Adjusting trim and, at 0854, move up canyon to S. 0900 457 m collect ACTINOSIDERIS urchin. 0927 432 m encounter extensive school of myctophids after passing through very narrow gully (~5 m wide) that ended in a cave. 0948 412 m start transect #1. 1005 366 m end transect #1. 1015 366 m start transect #2 up-canyon. 1031 323 m end transect #2. 1037 deploy trap at this location. 1043 transit down canyon to 360 m. 1107 368 m conducting a bait station. A down-canyon current is increasing during the bait station. 1200 end bait station. Moving down canyon, target depth 450 m. 1231 448 m collect urchin. 1245 continuing down slope to N. 1302 479 m Begin sampling the upslope. 1350 464 m completed sampling in Bio Box. 1354 Begin transect #3. 1411 419 m end transect #3. 1414 start relocating bait. 1443 368 m locate small remnant of bait, lead weight, no wiffle ball. 1448 start relocating trap. 1511 323 m collect trap and marker 50. Move ^{down} upslope to 341 m, start coming at 1530. 1549 337 m complete collection of six cores. Equipment Deficiencies: 1550 move upslope to S. 1601 322 m start transect #4 to S. 1617 289 m end transect #4. 1623 leaving the bottom from 289 m. Take a normal recovery.

Pilot's Signature: _____

Date: SEPTEMBER 4, 2006

Operations Director: _____

Date: Sept 8, 2006