

TABLE 8. Summary of Biological Observations Made at Transect T-6, Approximately 840 m Offshore of the Honolulu International Airport Reef Runway (Station C) on 18 August 1997

I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>	1.0					
<i>Desmia hornemannii</i>		0.4		0.5		
Sponges						
<i>Spirastrella coccinea</i>	0.1					
Soft Corals						
<i>Anthelia edmondsoni</i>	0.2	0.1		0.1	0.5	
Corals						
<i>Porites lobata</i>	9.5	0.2	0.1	6.3	4.1	
<i>Porites compressa</i>	1.0					
<i>Pocillopora meandrina</i>	1.2	1.3	0.3	0.7	0.1	
<i>Montipora patula</i>	4.0	2.4		2.0		
<i>Pavona varians</i>		1.1				
Sand			2.0			
Rubble	11.0	59.5	97.6	12.0	80.3	
Hard Substratum	72.0	35.0		78.4	15.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	2				
<i>Echinothrix diadema</i>	2				
<i>Tripneustes gratilla</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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28 Species					
182 Individuals					
Estimated Standing Crop = 71 g/m ²					

NOTE: Results of the 5-m² quadrat sampling of the benthic community are presented in Part I as percent cover, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is given in Part III. Water depth ranges from 10.7 to 11.6 m; mean coral coverage is 6.9% (quadrat method).