

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 21 November 1996

I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>	7.5				2.0	0.7
<i>Cladymenia pacifica</i>		0.1				
Sponges						
<i>Chondrosia chucalla</i>			0.1			
Soft Corals						
<i>Anthelia edmondsoni</i>		0.1	0.1			
<i>Palythoa tuberculosa</i>						0.6
Corals						
<i>Porites lobata</i>	6.3				6.1	2.9
<i>Porites compressa</i>	0.7					
<i>Pocillopora meandrina</i>	2.0				0.9	0.1
<i>Montipora patula</i>	4.8	3.0	1.7	3.2		
<i>Pavona duerdeni</i>		0.3				
<i>Pavona varians</i>		0.8				
Rubble		52.7	68.1	9.0	80.7	
Hard Substratum	78.7	43.0	30.0	78.8	15.0	

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	1				
<i>Echinothrix diadema</i>	3				

III. Fish Census (4 m $\infty$ 20 m)					
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30 Species					
234 Individuals					
Estimated Standing Crop = 83 g/m <sup>2</sup>					

NOTE: Results of the 5-m<sup>2</sup> 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 6.6% (quadrat method).