

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 13 October 1994

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Porolithon onkodes</i>	29	8		14	5
<i>Tolypiocladia</i> sp.		0.4			0.1
<i>Martensia fragilis</i>					0.3
Soft Coral					
<i>Anthelia edmondsoni</i>		0.3	0.2	0.3	
<i>Palythoa tuberculosa</i>	0.8				2
Corals					
<i>Porites lobata</i>	10	0.3	0.2	10	14.1
<i>Pocillopora meandrina</i>	1	0.2	0.1	0.1	0.1
<i>Montipora verrucosa</i>				1	
<i>Montipora patula</i>	1.3	1.2		1.2	
<i>Pavona duerdeni</i>		0.5			
<i>Pavona varians</i>		0.1		0.3	
Sand			2		
Rubble		51			
Hard Substratum	57.9	38	97.5	73.1	78.4

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Annelida					
<i>Loimia medusa</i>	2				
Phylum Arthropoda					
<i>Stenopus hispidis</i>	2				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	7				
<i>Echinothrix diadema</i>	1				

III. Fish Census (4 m $\infty$ 20 m)					
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27 Species					
224 Individuals					
Estimated Standing Crop = 86 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 8.3% (quadrat method).