

TABLE 7. Summary of Biological Observations Made at Transect T-5, Approximately 760 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>			6.0	7.0	1.5	4.0
<i>Desmia hornemannii</i>			0.3			
<i>Amansia glomerata</i>			0.4			
Soft Corals						
<i>Anthelia edmondsoni</i>	0.1	0.4				0.7
<i>Palythoa tuberculosa</i>		0.5				1.0
Corals						
<i>Porites lobata</i>				0.2	0.2	
<i>Porites compressa</i>				0.2		
<i>Pocillopora meandrina</i>	0.1	0.4	0.7	1.0		3.5
<i>Montipora patula</i>		1.0	0.8	2.9		1.3
<i>Pavona varians</i>		0.2			0.6	0.4
<i>Pavona duerdeni</i>					4.2	0.5
Sand	1.5					
Rubble	95.3	37.0	19.0	9.0		
Hard Substratum	3.0	53.8	72.1	80.6		88.6

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

III. Fish Census (4 m ∞ 20 m)					
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27 Species					
156 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 9.1 to 11.0 m; mean coral coverage is 3.6% (quadrat method).