

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 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>			31	22	13	15
<i>Amansia glomerata</i>	0.2					
<i>Cladymenia pacifica</i>					0.1	
<i>Tolypiocladia glomerulata</i>	0.1					
Soft Coral						
<i>Palythoa tuberculosa</i>			0.2	0.1	0.2	0.2
Corals						
<i>Porites compressa</i>				0.2		
<i>Porites lobata</i>				0.2		
<i>Pocillopora meandrina</i>	0.1	0.1	0.2	0.1	1.1	
<i>Pavona duerdeni</i>				5	0.6	
<i>Pavona varians</i>		0.1			0.4	
<i>Montipora patula</i>		0.2		1	0.3	
Tunicates						
<i>Bortryllus</i> sp.			0.1			
Sand	1		1			
Rubble	56.6	5	18	2		
Hard Substratum	42	63.4	58.2	78.6	82.4	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Cypraea tigris</i>	1				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	1				
<i>Echinothrix calamaris</i>	1				
<i>Echinometra mathaei</i>	3				

III. Fish Census (4 m ∞ 20 m)					
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26 Species					
169 Individuals					
Estimated Standing Crop = 63 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 m; mean coral coverage is 1.9% (quadrat method).