

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 12 August 1998

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Porolithon onkodes</i>		3.0	2.0	4.0	1.0
<i>Desmia hornemannii</i>	0.1	0.2	0.5		
<i>Tolypocladia</i> sp.	0.1		0.8		
<i>Sphacelaria furcigera</i>		0.2			
Sponge					
<i>Chondrosia chucalla</i>	0.1				
Soft Corals					
<i>Anthelia edmondsoni</i>		0.1			
<i>Palythoa tuberculosa</i>		0.8			3.0
Corals					
<i>Porites lobata</i>			0.5		
<i>Porites compressa</i>			0.2		
<i>Psammocora stellata</i>					0.1
<i>Pocillopora meandrina</i>		1.3	1.4	1.3	1.1
<i>Montipora patula</i>		0.4		3.3	2.1
<i>Montipora verrilli</i>			1.2		
<i>Pavona varians</i>		0.4			0.2
<i>Pavona duerdeni</i>				7.0	4.8
Sand	6.0				
Rubble	93.7	18.0	22.0	11.0	
Hard Substratum		75.6	71.4	73.4	87.7

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>Echinothrix diadema</i>	1
<i>Tripneustes gratilla</i>	1
<i>Echinometra mathaei</i>	2

III. Fish Census (4 m $\infty$ 20 m)
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22 Species
150 Individuals
Estimated Standing Crop = 70 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 9.1 to 11.0 m; mean coral coverage is 5.1% (quadrat method).

