

TABLE 7. Summary of Biological Observations Made at Transect T-5, Approximately 760 m Offshore of Honolulu Airport Reef Runway (Station C), 8 September 1993

I. Quadrat Survey		Quadrat Distance Along Transect (m)				
		0	5	10	15	20
Algae						
<i>Porolithon onkodes</i>			5	14	19	18
<i>P. gardineri</i>						0.2
<i>Jania</i> sp.	0.1					
<i>Dictyota divaricata</i>	18					
Soft Coral						
<i>Palythoa tuberculosa</i>			0.2		0.2	4
Corals						
<i>Porites compressa</i>	0.1			0.2		0.1
<i>Pocillopora meandrina</i>				0.1	0.1	0.7
<i>Pavona duerdeni</i>					3.5	1
<i>P. varians</i>			0.3			
<i>Montipora patula</i>			0.1		1.3	0.1
Sand	3			1		
Rubble	56.8	8		3		
Hard Substratum	22	86.4		81.7	75.9	75.9

II. Invertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Arthropoda	
<i>Aniculus strigatus</i>	1
Phylum Echinodermata	
<i>Tripneustes gratilla</i>	5

III. Fish Census (4 ∞ 20 m)					
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23 Species
152 Individuals
Estimated Standing Crop = 61 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 m; mean coral coverage is 1.5% (quadrat method).