

TABLE 5. Summary of Biological Observations Made at Transect T-3, East of the Kalihi Entrance Channel (Station B, about 2.2 km Offshore of Mokauea Island in Keehi Lagoon) on 20 November 1996

I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Sponge						
<i>Spirastrella coccinea</i>			0.5	1.0	2.1	1.1
<i>Plakortis simplex</i>						2.3
Soft Coral						
<i>Anthelia edmondsoni</i>	0.1					
Corals						
<i>Porites lobata</i>	2.8	1.2	1.0	0.9		1.3
<i>Pocillopora meandrina</i>	0.4	1.0	0.6	1.0		0.1
<i>Montipora verrucosa</i>				0.1		
<i>Montipora patula</i>	0.2		1.1			1.2
<i>Leptastrea purpurea</i>			0.1			
Sand	9.5	12.0	4.0	12.0		4.0
Rubble	12.0	7.0	7.0	13.0		6.0
Hard Substratum	75.0	78.3	85.2	70.9		84.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Cypraea isabella</i>	1				
<i>Cypraea helvola</i>	1				
Phylum Annelida					
<i>Loimia medusa</i>	1				
Phylum Echinodermata					
<i>Culcita novaeguinaea</i>	1				
<i>Echinothrix diadema</i>	2				
<i>Echinostrephus aciculatum</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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25 Species					
160 Individuals					
Estimated Standing Crop = 157 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 14.6 to 15.0 m; mean coral coverage is 2.6% (quadrat method).