

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 14 August 1997

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Lyngbya majuscula</i>	4.5	3.0		0.7	0.3
Sponge					
<i>Spirastrella coccinea</i>		0.7	0.2	1.1	1.3
<i>Plakortis simplex</i>					2.3
Corals					
<i>Porites lobata</i>	2.6	1.1	0.2	1.0	1.1
<i>Pocillopora meandrina</i>	0.2	1.1	0.9	1.0	
<i>Montipora verrucosa</i>			0.1		
<i>Montipora patula</i>	0.1		1.1		1.7
<i>Montipora verrilli</i>					0.1
Sand	6.0	8.0	2.0	6.0	4.0
Rubble	2.0	2.0	5.0	15.0	3.0
Hard Substratum	84.6	84.1	90.5	75.2	86.2

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Streptopinna saccata</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	19				
Phylum Echinodermata					
<i>Echinothrix diadema</i>	8				
<i>Echinothrix calamaris</i>	8				
<i>Echinostrephus aciculatum</i>	2				

III. Fish Census (4 m ∞ 20 m)					
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24 Species					
136 Individuals					
Estimated Standing Crop = 35 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 2.5% (quadrat method).