

TABLE 6. Summary of Biological Observations Made at Transect T-4, 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

Algae					
<i>Laurencia nidifica</i>	0.1			0.1	
<i>Martensia fragilis</i>					0.5
Sponge					
<i>Spirastrella coccinea</i>	2.5	2.0			2.5
<i>Chondrosia chucalla</i>				0.1	
Corals					
<i>Porites lobata</i>	0.2	10.3	1.3	0.9	2.3
<i>Pocillopora meandrina</i>	0.3	0.1	1.4	2.0	2.7
<i>Montipora verrucosa</i>			0.1		
<i>Montipora patula</i>	0.1	1.1			
Sand	19.0	7.0	4.0	11.0	4.0
Rubble	6.0	17.0	2.0	9.0	9.0
Hard Substratum	71.8	62.5	91.2	76.9	79.0

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	9				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	7				
<i>Echinometra mathaei</i>	1				
<i>Echinothrix diadema</i>	11				

III. Fish Census (4 m $\infty$ 20 m)					
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11 Species					
20 Individuals					
Estimated Standing Crop = 15 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 13.7 to 14.0 m; mean coral coverage is 4.6% (quadrat method).