

TABLE 5. Summary of Biological Observations Made at Transect T-3, East of Kalihi Entrance Channel (Station B, About 2.2 km Offshore of Mokauea Island in Ke‘ehi Lagoon), 8 September 1993

I. Quadrat Survey	Quadrat Distance Along Transect (m)				
	0	5	10	15	20

Sponge					
<i>Spirastrella coccinea</i>	1	0.1	1.2	1	0.5
Soft Coral					
<i>Palythoa tuberculosa</i>			0.1		
Corals					
<i>Porites lobata</i>	2.1	0.5	1	0.8	1
<i>Pocillopora meandrina</i>	0.1	1.4	0.5	0.3	
<i>Montipora verrucosa</i>			0.1		0.2
<i>M. patula</i>	0.1		0.2		0.1
<i>M. verrilli</i>		0.1			
Sand	14	9	3	14	2
Rubble	3	3	9	8	
Hard Substratum	79.7	85.9	84.9	75.9	96.2

II. Invertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
<i>Conus marmoratus</i>	1
Phylum Echinodermata	
<i>Echinostrephus aciculatum</i>	6
<i>Echinometra mathaei</i>	2
<i>Echinothrix calamaris</i>	1
<i>Holothuria atra</i>	1

III. Fish Census (4 ∞ 20 m)					
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10 Species
43 Individuals
Estimated Standing Crop = 31 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 m; mean coral coverage is 1.7% (quadrat method).