

TABLE 5. Summary of Biological Observations made at Transect T-5 Inshore of Mo(̄,o)ko(̄,o)lea Rock in Kailua Bay on 27 April 1998. (Sampling began at the main stake marking this transect and continued in a northeast direction.)

I. Quadrat Survey	Percent Cover				
	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Turbinaria ornata</i>	0.1	0.5		0.3	0.2
<i>Desmia hornemannii</i>					0.1
Soft Corals					
<i>Palythoa tuberculosa</i>		1.5		1.3	0.2
Corals					
<i>Porites lobata</i>	43.0		9.0	17.0	2.0
<i>Porites compressa</i>				1.0	0.8
<i>Pocillopora meandrina</i>	1.0	3.5	3.0	0.2	4.0
<i>Pocillopora damicornis</i>	1.0				
<i>Montipora verrucosa</i>	11.0	17.0	1.0	13.0	11.0
<i>Montipora patula</i>	6.0	14.0	62.0	27.0	9.0
<i>Montipora verrilli</i>	7.0	4.0			
<i>Pavona duerdeni</i>				1.0	
Sand				1.0	
Rubble	2.0				
Hard Substratum	28.9	59.5	25.0	38.2	72.7

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				

Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
<i>Conus ebreus</i>	1
Phylum Echinodermata	
<i>Echinostrephus aciculatum</i>	1
<i>Echinometra mathaei</i>	1
<i>Linckia multiflora</i>	1

III. Fish Census (4 m ∞ 20 m)					

32 Species					
151 Individuals					
Estimated Standing Crop = 138 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 5.2 to 6.7 m; mean coral coverage is 53.7% (quadrat method).