

TABLE 4. Summary of Biological Observations made at Transect T-4 (Station B) South 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 southeast direction.)

I. Quadrat Survey	Percent Cover				
	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Hydrolithon reinboldii</i>			4.0		14.0
<i>Porolithon onkodes</i>	8.0	6.0	3.0	13.0	6.0
Corals					
<i>Porites lobata</i>	75.0	6.0	2.0	22.0	
<i>Porites compressa</i>		12.0	3.0		
<i>Pavona varians</i>		15.0	9.0	3.0	8.0
<i>Pavona duerdeni</i>		2.5		5.0	13.0
<i>Montipora verrucosa</i>	8.0		21.0	8.0	2.0
<i>Montipora patula</i>	3.0	3.0	23.0	4.0	2.0
<i>Montipora flabellata</i>		2.5			
Hard Substratum	6.0	59.0	35.0	45.0	55.0

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

Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	13
Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
Phylum Echinodermata	
<i>Echinothrix diadema</i>	1

III. Fish Census (4 m ∞ 20 m)					

23 Species					
206 Individuals					
Estimated Standing Crop = 127 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 is 20.0 m; mean coral coverage is 50.4% (quadrat method).