

TABLE 3. Summary of Biological Observations made at Transect T-3 (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 northwest 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>		6.0	5.0	5.0	4.0
<i>Porolithon onkodes</i>	6.0	15.0	12.0	2.0	6.0
Corals					
<i>Porites lobata</i>	0.6	39.0			
<i>Porites compressa</i>	1.5				
<i>Pavona varians</i>	7.0	5.0	14.0	4.5	2.0
<i>Pavona duerdeni</i>	11.0		8.0	14.5	12.0
<i>Montipora verrucosa</i>	20.0	0.2	1.0	2.0	5.0
<i>Montipora patula</i>	11.0	15.0	8.0	13.5	2.0
<i>Montipora flabellata</i>				6.0	
Hard Substratum	37.5	19.8	52.0	52.5	69.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	9				
Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	1				
<i>Linckia diplax</i>	1				

III. Fish Census (4 m ∞ 20 m)					
28 Species					
212 Individuals					
Estimated Standing Crop = 140 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 40.6% (quadrat method).