

TABLE 2. SUMMARY OF BIOLOGICAL OBSERVATIONS MADE AT TRANSECT B (OFFSHORE) AT STATION BP-1, 20 AUGUST 1991					
Location and Species		Quadrat Number			
I. QUADRAT SURVEY					
BP-1 at 0 m		ABA-1	ABA-2	ABA-3	ABA-4

Algae					
<i>Hydrolithon reinboldii</i>	2.2	14.0	12.6	8.1	
<i>Porolithon onkodes</i>	0.6	1.1	0.6	0.3	
Sponge					
<i>Spirastrella coccinea</i>	0.8	0.8			
Coral					
<i>Porites lobata</i>	27.7	15.4	19.3	57.1	
<i>P. compressa</i>	8.1	13.7	10.4		
Rubble	36.7				3.1
Hard Substratum	23.9	55.0	57.1		31.4

BP-1 at 10 m		ABB-1	ABB-2	ABB-3	ABB-4

Soft Coral					
<i>Anthelia edmondsoni</i>	2.5	1.4	0.3	1.7	
<i>Zonanthus pacificus</i>			0.6		
Coral					
<i>Porites lobata</i>	2.0	0.6	2.5		
<i>P. compressa</i>		2.2			
Sand	9.2	11.2	3.4	3.6	
Rubble	86.3	75.6	93.2	94.7	
Hard Substratum		9.0			

BP-1 at 20 m		ABC-1	ABC-2	ABC-3	ABC-4

Algae					
<i>Hydrolithon reinboldii</i>	11.5	7.8	5.0	4.2	
<i>Porolithon onkodes</i>	0.6	2.2	1.1	1.4	
Coral					
<i>Porites lobata</i>	42.0	37.5	38.9	50.7	
<i>P. compressa</i>	5.0	2.8	10.9	5.9	
<i>Pocillopora meandrina</i>		0.3			
Hard Substratum	40.9	49.4	44.1	37.8	

Mean Coral Coverage = 29.4%

II. INVERTEBRATE CENSUS (4			NUMBER		

Phylum Echinodermata	
<i>Bohadschia vitiensis</i>	1
<i>Tripneustes gratilla</i>	1

III. FISH CENSUS (4 ∞ 20 m)					

42 Species

453 Individuals

Estimated Standing Crop = 374 g/m²

NOTE: Results of the 8 m ² quadrat sampling of the benthic community are presented in Part I, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is given in Part III. Water depth = 15.8 m; mean coral coverage = 29.4 percent (quadrat method).					