

TABLE 6. SUMMARY OF BIOLOGICAL OBSERVATIONS MADE AT TRANSECT B  
(OFFSHORE) AT STATION BP-3, 19 AUGUST 1991

Location and Species		Quadrat Number			
I. QUADRAT SURVEY					
<b>BP-3 at 0 m</b>		<b>CBA-1</b>	<b>CBA-2</b>	<b>CBA-3</b>	<b>CBA-4</b>

Algae					
<i>Pliocamium sandvicense</i>				0.6	
<i>Porolithon onkodes</i>		0.8	0.3		2.0
Sponge					
<i>Spirastrella coccinea</i>		0.6	0.1	2.5	0.8
Corals					
<i>Porites lobata</i>		12.0	41.5	19.9	4.8
<i>P. compressa</i>		9.0	0.8	0.3	0.3
<i>Pocillopora meandrina</i>				1.1	
Sand				0.6	
Rubble				16.8	19.6
Hard Substratum		77.6	57.3	58.2	72.5

<b>BP-3 at 10 m</b>		<b>CBB-1</b>	<b>CBB-2</b>	<b>CBB-3</b>	<b>CBB-4</b>

Algae					
<i>Porolithon onkodes</i>		0.3			
Sponge					
<i>Spirastrella coccinea</i>		0.1	0.6	0.6	0.7
<i>Spongia oceanica</i>		0.1			
Corals					
<i>Porites lobata</i>		1.1	0.8	0.3	0.8
<i>P. compressa</i>		2.5	11.8	8.4	6.7
<i>Pocillopora meandrina</i>			0.3	0.3	2.0
<i>Montipora verrucosa</i>			0.3	0.8	0.3
<i>M. patula</i>		0.3			
Sand				0.3	0.6
Rubble		95.6	82.6	89.3	88.9

<b>BP-3 at 20 m</b>		<b>CBC-1</b>	<b>CBC-2</b>	<b>CBC-3</b>	<b>CBC-4</b>

Sponge					
<i>Spirastrella coccinea</i>			0.1		
<i>Spongia oceanica</i>		0.3			
Coral					
<i>Porites lobata</i>		0.3	0.6		0.3
<i>P. compressa</i>		5.9	2.8	0.8	1.1
<i>Pocillopora meandrina</i>		0.3	0.8		0.6
<i>Montipora verrucosa</i>		0.6			
Sand		0.8			0.6
Rubble		91.8	95.7	99.2	97.4

Mean Coral Coverage = 11.6%



TABLE 6.— <i>Continued</i>					
Species					
II. INVERTEBRATE CENSUS (4			NUMBER		

Phylum Mollusca

*Spondylus tenebrosus*

3

*Octopus cyanea*

1

Phylum Echinodermata

*Heterocentrotus mammillatus*

1

*Tripneustes gratilla*

83

*Echinothrix calamaris*

14

*Echinometra mathaei*

33

III. FISH CENSUS (4 ∞ 20 m)					

30 Species

187 Individuals

Estimated Standing Crop = 121 g/m<sup>2</sup>

NOTE: Results of the 8 m <sup>2</sup> 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 = 16.5 m; mean coral coverage = 11.6 percent (quadrat method).					