

TABLE 6. Summary of Biological Observations Made at Transect BP-3-A, 3.3 km West and Inshore of Barbers Point Ocean Outfall Terminus, on 15 January 1999

I. Quadrat Survey		Percent Cover				
		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>					2.0	
Sponges						
<i>Chondrosia chucalla</i>	0.4			0.8		1.1
<i>Spirastrella coccinea</i>			4.5			0.6
Soft Corals						
<i>Anthelia edmondsoni</i>			0.5			0.2
Corals						
<i>Porites lobata</i>	0.1		4.8	0.1	23.0	0.5
<i>Porites compressa</i>			1.2		6.5	
<i>Pocillopora meandrina</i>			1.2		8.0	0.4
<i>Montipora verrucosa</i>	0.1					
<i>Montipora patula</i>	0.3					
Sand	3.0		6.0	9.0		16.0
Rubble	92.1		40.8	90.1	19.0	81.2
Hard Substratum	4.0		41.0		41.5	

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
<i>Lithophaga</i> sp.	7
<i>Pinctada margaritifera</i>	1
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	7
Phylum Echinodermata	
<i>Echinometra mathaei</i>	4
<i>Echinothrix diadema</i>	8
<i>Echinothrix calamaris</i>	1
<i>Tripneustes gratilla</i>	1
<i>Heterocentrotus mammillatus</i>	4

III. Fish Census (4 m $\infty$ 20 m)					
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28 Species					
192 Individuals					
Estimated Standing Crop = 358 g/m <sup>2</sup>					

NOTE: Results of the 5-m<sup>2</sup> quadrat sampling (visual appraisal) 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 presented in Part III. Water depth ranges from 16.5 to 16.8 m; mean coral coverage is 9.2% (visual quadrat method).