

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 May 1996

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Sponges						
<i>Chondrosia chucalla</i>	0.3	0.6	0.1	1.0	0.1	
<i>Spirastrella coccinea</i>		4.3		1.8	0.4	
<i>Plakortis simplex</i>					0.1	
Corals						
<i>Porites lobata</i>		1.5		14.5		
<i>Porites compressa</i>				4.0		
<i>Pocillopora meandrina</i>	0.1			5.5	0.1	
<i>Montipora verrucosa</i>		0.3				
Sand	2.0		6.0		9.0	
Rubble	85.6	71.3	86.9	35.2	84.3	
Hard Substratum	12.0	22.0	7.0	38.0	6.0	

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	2				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	4				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	1				
<i>Tripneustes gratilla</i>	4				
<i>Heterocentrotus mammillatus</i>	4				
<i>Echinometra mathaei</i>	2				
<i>Echinothrix diadema</i>	10				
<i>Echinothrix calamaris</i>	1				

III. Fish Census (4 m $\infty$ 20 m)					
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26 Species					
320 Individuals					
Estimated Standing Crop = 176 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 5.2% (visual quadrat method).

