

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 25 April 1994

		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		
<i>Spirastrella coccinea</i>			1.4		3.2	
Corals						
<i>Porites lobata</i>	0.1	1.2	0.3	27		
<i>Porites compressa</i>		0.1		6		
<i>Pocillopora meandrina</i>			0.4	4.5		
<i>Montipora patula</i>	0.6		0.2			
Sand	2					5
Rubble	97.3	82.3	80.8	47.3	64	
Hard Substratum		15	18	12	31	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Conus lividus</i>	1				
<i>Spondylus tenebrosus</i>	3				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	3				
<i>Echinothrix diadema</i>	9				
<i>Tripneustes gratilla</i>	2				
<i>Heterocentrotus mammillatus</i>	2				

III. Fish Census (4 m ∞ 20 m)					
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26 Species					
191 Individuals					
Estimated Standing Crop = 255 g/m ²					

NOTE: Results of the 5-m² 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 8.1% (visual quadrat method).