

TABLE 1. Summary of Biological Observations Made at Transect BP-1-A, 2.2 km Northeast and Inshore of Barbers Point Ocean Outfall Terminus, on 29 January 1998

		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	0.4	0.2	0.1	
Soft Corals						
<i>Anthelia edmondsoni</i>		0.1	0.1	0.3		
Corals						
<i>Porites lobata</i>	8.7	2.1	0.2	14.5	11.3	
<i>Porites compressa</i>	1.1	0.9		3.4	6.5	
<i>Pocillopora meandrina</i>	0.8	1.0	0.1	0.3		
<i>Pavona varians</i>		0.2			2.6	
<i>Pavona duerdeni</i>			0.4			
<i>Montipora verrucosa</i>		0.1	0.1		0.1	
<i>Montipora patula</i>		0.2	1.1	23.0		
Sand	2.5	12.0	18.0	4.0		
Rubble	45.9	69.1	72.6	23.3	48.4	
Hard Substratum	41.0	14.0	7.0	31.0	31.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	3
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	46
<i>Sabellastarte sanctijosephi</i>	1
Phylum Echinodermata	
<i>Echinothrix diadema</i>	5
<i>Tripneustes gratilla</i>	2

III. Fish Census (4 m ∞ 20 m)					
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35 Species					
463 Individuals					
Estimated Standing Crop = 325 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 14.9 m to 15.8 m; mean coral coverage is 15.7% (visual quadrat method).

