

TABLE 1. Summary of Biological Observations Made at Transect BP-1-A, 2.2 km Inshore and Northeast of Barbers Point Ocean Outfall Terminus, on 19 June 1995

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>	3.0					
<i>Halimeda onkodes</i>	0.5					
Sponges						
<i>Spirastrella coccinea</i>				1.1		
<i>Chondrosia chucalla</i>	0.1	0.2		1.1	1.0	
Soft Corals						
<i>Anthelia edmondsoni</i>				0.2		1.1
Corals						
<i>Porites lobata</i>	19.0	36.0	1.0	0.4	19.0	
<i>Porites compressa</i>		5.0	0.3		0.7	
<i>Pocillopora meandrina</i>		0.2	0.1	0.1		
<i>Montipora verrucosa</i>				0.1	0.9	
<i>Montipora patula</i>		0.1			1.1	
<i>Pavona varians</i>		0.6				
Sand	0.5		10.0		4.0	
Rubble	41.0		73.3	92.3	66.2	
Hard Substratum	35.9	57.9	14.0	6.0	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>Loimia medusa</i>	2				
<i>Sabellastarte sanctijosephi</i>	1				
Phylum Echinodermata					
<i>Linckia multiflora</i>	1				
<i>Echinometra mathaei</i>	1				
<i>Tripneustes gratilla</i>	3				
<i>Echinothrix calamaris</i>	3				

III. Fish Census (4 m $\infty$ 20 m)					
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38 Species					
355 Individuals					
Estimated Standing Crop = 108 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 is 14.9 m; mean coral coverage is 17.0% (visual quadrat method).