

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 20 June 1995

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Sponges						
<i>Chondrosia chucalla</i>	0.1				1.2	0.4
<i>Spirastrella coccinea</i>	2.0				2.8	0.9
Corals						
<i>Porites lobata</i>			1.6		23.0	
<i>Porites compressa</i>					3.8	
<i>Pocillopora meandrina</i>					4.0	
<i>Montipora verrucosa</i>						0.1
<i>Pavona varians</i>					0.4	
Sand	14.0	4.0		67.0		6.0
Rubble	57.9	66.4		33.0	17.8	74.6
Hard Substratum	26.0	28.0			47.0	18.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	2				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	1				
<i>Echinothrix diadema</i>	2				
<i>Echinothrix calamaris</i>	7				
<i>Tripneustes gratilla</i>	1				
<i>Heterocentrotus mammillatus</i>	3				

III. Fish Census (4 m ∞ 20 m)					
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35 Species					
189 Individuals					
Estimated Standing Crop = 157 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 6.5% (visual quadrat method).