

TABLE 9. Summary of Biological Observations Made at Transect BP-4-B, Situated on Smooth Limestone Substratum 15 m East of the Basalt Caprock of the Barbers Point Discharge Pipe, Approximately 1.4 km Inshore (North) of Barbers Point Ocean Outfall Terminus, on 19 February 1997

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m

Sponges						
<i>Chondrosia chucalla</i>	0.4	0.8		0.3	0.7	
Soft Corals						
<i>Anthelia edmondsoni</i>	0.3					
Corals						
<i>Porites lobata</i>	1.4	3.0	0.3	2.5	4.2	
<i>Pocillopora meandrina</i>	11.2	0.9	0.1	0.1		
<i>Montipora patula</i>	5.0				0.4	
Hard Substratum	81.7	95.3	99.6	97.1	94.7	

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals					
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Phylum Mollusca						
<i>Conus lividus</i>	1					
Phylum Arthropoda						
<i>Aniculus strigatus</i>	1					
Phylum Echinodermata						
<i>Echinostrephus aciculatum</i>	4					

III. Fish Census (4 m $\infty$ 20 m)						
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13 Species						
52 Individuals						
Estimated Standing Crop = 1,027 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 13.1 to 13.4 m; mean coral coverage is 5.8% (visual quadrat method).