

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 14 May 1996

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Asparagopsis taxiformis</i>					0.1	
<i>Sphacelaria furcigera</i>	0.2					
Sponges						
<i>Plakortis simplex</i>	0.2					0.1
<i>Spirastrella coccinea</i>		0.1		0.1	0.2	
<i>Chondrosia chuchalla</i>	0.5	0.1		1.0	0.5	
Corals						
<i>Porites lobata</i>	1.3	0.4	1.8	2.4	2.2	
<i>Pocillopora meandrina</i>	11.0		0.9	4.0		
<i>Montipora verrucosa</i>				0.1		
<i>Montipora patula</i>	7.0					
Sand		1.0	1.0			
Hard Substratum	79.8	98.4	96.3	92.3	97.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Conus leopardus</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	2				
<i>Loimia medusa</i>	1				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	5				

III. Fish Census (4 m ∞ 20 m)					
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12 Species					
67 Individuals					
Estimated Standing Crop = 27 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 13.1 to 13.4 m; mean coral coverage is 6.2% (visual quadrat method).

