

TABLE 8. Summary of Biological Observations Made at Transect BP-4-A, Situated on 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
Algae						
<i>Porolithon onkodes</i>				0.2		3.5
Sponges						
<i>Spirastrella coccinea</i>	4.5				1.2	0.3
<i>Chondrosia chucalla</i>					0.3	1.2
Corals						
<i>Porites lobata</i>	9.2		39.0	31.0	28.0	28.0
<i>Porites compressa</i>			1.0			
<i>Pocillopora meandrina</i>				0.3		
Rubble	28.0		6.0	2.0	7.0	4.0
Hard Substratum	58.3		54.0	66.5	63.5	63.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	2				
<i>Pteraeolidia ianthina</i>	4				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	46				
<i>Loimia medusa</i>	1				
Phylum Echinodermata					
<i>Echinothrix diadema</i>	131				
<i>Acanthaster planci</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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42 Species					
1,081 Individuals					
Estimated Standing Crop = 821 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 is 12.2 m; mean coral coverage is 27.3% (visual quadrat method).

