

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 Deep Ocean Outfall Terminus (Station BP-4), September 1993

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

Sponges						
<i>Spirastrella coccinea</i>	1					
Corals						
<i>Porites lobata</i>	6	13	56	15	6	
<i>Pocillopora meandrina</i>		0.8	0.1	0.2		
<i>P. eydouxi</i>						1.5
<i>Montipora verrucosa</i>						0.1
Sand	3	6	2	15	3	
Rubble	12	10		6	32	
Hard Substratum	78	70.2	41.9	63.8	57.4	

II. Macroinvertebrate Census (4 ∞ 20 m)	No. of Individuals					
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Phylum Mollusca						
<i>Conus miles</i>	1					
Phylum Arthropoda						
<i>Paribaccus antarcticus</i>	1					
Phylum Echinodermata						
<i>Tripteneustes gratilla</i>	11					
<i>Echinothrix calamaris</i>	14					
<i>E. diadema</i>	16					
<i>Holothuria atra</i>	2					

III. Fish Census (4 ∞ 20 m)						
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49 Species						
537 Individuals						
Estimated Standing Crop = 374 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 12.2 m; mean coral coverage is 19.7% (visual quadrat method).

