

TABLE 4. Summary of Biological Observations Made at Transect BP-2-A, 250 m East of the Discharge Pipe and 1.5 km Inshore and Northeast of Barbers Point Deep Ocean Outfall Terminus (Station BP-2), May 1993

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

Algae						
<i>Halimeda opuntia</i>	0.1					
<i>Sphacelaria furcigera</i>	0.5	3	0.3			
<i>Asparagopsis taxiformis</i>		0.5				
Sponges						
<i>Chondrosia chucalla</i>			0.3	0.1		
Corals						
<i>Porites lobata</i>	4.5	0.1	0.5	4.5	0.1	
<i>Pocillopora meandrina</i>				0.5	0.8	
Sand		3	2		1	
Hard Substratum	94.9	93.4	96.9	94.9	98.1	

II. Macroinvertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Conus lividus</i>	3				
<i>C. miles</i>	1				
<i>C. marmoratus</i>	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	12				
Phylum Arthropoda					
<i>Aniculus strigatus</i>	1				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	5				
<i>Echinometra mathaei</i>	1				

III. Fish Census (4 ∞ 20 m)					
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6 Species					
6 Individuals					
Estimated Standing Crop = 9 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 11.3 to 11.9 m; mean coral coverage is 2.2% (visual quadrat method).

