

TABLE 7. Summary of Biological Observations Made at Transect BP-3-B, 3.3 km West and Inshore of Barbers Point Deep Ocean Outfall Terminus (Station BP-3), May 1993

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

Sponges						
<i>Spirastrella coccinea</i>	1.5	0.1				
Corals						
<i>Porites lobata</i>	2.3	1.5		3.5		
<i>P. compressa</i>	0.8				0.7	
<i>Pocillopora meandrina</i>	1.3	0.5	0.3	2.5	2	
<i>Montipora verrucosa</i>		0.7				
Sand	2	0.5		5		
Rubble	84.1	78.7	99.7	72	76.3	
Hard Substratum	8	18		17	21	

II. Macroinvertebrate Census (4 ∞ 20 m)	No. of Individuals					
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Phylum Mollusca						
<i>Spondylus tenebrosus</i>	1					
Phylum Echinodermata						
<i>Tripneustes gratilla</i>	13					
<i>Echinothrix calamaris</i>	11					
<i>E. diadema</i>	3					
<i>Echinometra mathaei</i>	6					
<i>Heterocentrotus mammillatus</i>	1					

III. Fish Census (4 ∞ 20 m)						
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17 Species						
161 Individuals						
Estimated Standing Crop = 311 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 16.5 to 16.8 m; mean coral coverage is 3.2% (visual quadrat method).

