

TABLE 3. Summary of Biological Observations Made at Transect BP-1-B, 2.2 km Inshore and Northeast of Barbers Point Ocean Outfall Terminus on 27 April 1994

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Desmia hornemannii</i>				0.5		
<i>Porolithon onkodes</i>	0.1					0.6
Sponges						
<i>Chondrosia chucalla</i>					0.2	
Soft Corals						
<i>Anthelia edmondsoni</i>			1.2	0.1		
Corals						
<i>Porites lobata</i>	7.5	4.5			1.3	84.1
<i>Porites compressa</i>	1	1	1.3	2.2	2.3	
<i>Pocillopora meandrina</i>		0.6				1.0
<i>Montipora patula</i>		1	0.8	0.9		
<i>Montipora verrilli</i>		0.2		0.1		
Sand	2	6	12			
Rubble	75.4	47.5	14	80.3		
Hard Substratum	14	38	71.3	15	12	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
--------------------------------------------------	--------------------	--	--	--	--

Phylum Mollusca					
<i>Spondylus tenebrosus</i>	3				
<i>Octopus cyanea</i>	1				
Phylum Annelida					
<i>Loimia medusa</i>	1				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	2				

III. Fish Census (4 m ∞ 20 m)					
--------------------------------------	--	--	--	--	--

42 Species					
371 Individuals					
Estimated Standing Crop = 202 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 14.9 to 15.8 m; mean coral coverage is 22.0% (visual quadrat method).