

TABLE 3. Summary of Biological Observations Made at Transect BP-1-B, 2.2 km Inshore and Northeast of Barbers Point Deep Ocean Outfall Terminus (Station BP-1), May 1993

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

Algae						
<i>Desmia hornemannii</i>	0.5		1			
<i>Porolithon onkodes</i>						0.5
Sponges						
<i>Chondrosia chucalla</i>				0.1		0.1
Corals						
<i>Porites lobata</i>	6	8	0.1	5		3.5
<i>P. compressa</i>	1.5	0.1	0.9	1.8		8
<i>Montipora patula</i>				0.1		0.1
<i>Pavona varians</i>						0.5
Sand	2	3	32			
Rubble	66	88.9	49	85		87.3
Hard Substratum	24		17	8		

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

Phylum Mollusca						
<i>Spondylus tenebrosus</i>	3					
Phylum Annelida						
<i>Spirobranchus giganteus corniculatus</i>	8					
Phylum Echinodermata						
<i>Heterocentrotus mammillatus</i>	1					
<i>Tripneustes gratilla</i>	2					

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

44 Species						
488 Individuals						
Estimated Standing Crop = 490 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 7.1% (visual quadrat method).

