

TABLE 9. Summary of Biological Observations Made at Transect BP-4-B, Situated on the Smooth Limestone Substratum 15 m East of the Basalt Caprock of the Honouliuli 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

Algae						
<i>Sphacelaria furcigera</i>	1.5	0.6	0.9			0.5
Sponges						
<i>Spirastrella coccinea</i>	1					
Soft Corals						
<i>Anthelia edmondsoni</i>	0.1	0.1				0.1
Corals						
<i>Porites lobata</i>	0.1	0.1	0.2	0.1		0.1
<i>Pocillopora meandrina</i>		0.1				
Sand	2			97.9		89.3
Hard Substratum	95.3	99.1	98.9	2		10

II. Macroinvertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Conus miles</i>	1				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	5				

III. Fish Census (4 ∞ 20 m)					
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2 Species					
3 Individuals					
Estimated Standing Crop = 0.8 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 is 13.1 m to 13.4 m; mean coral coverage is 0.1% (visual quadrat method).

