

TABLE 2. Summary of Results of the Photographic Quadrat Survey, 1993

		Percent Cover				
		Photographic Quadrat				
		AAA	ACC1	AAB	ACC2	AAC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Hydrolithon rienboldii</i>	10.5	10.6				5.3
<i>Porolithon onkodes</i>	1.1	4.2	0.2			0.1
Sponges						
<i>Spirastrella coccinea</i>			0.1			0.1
<i>Chondrosia chucalla</i>						0.1
Soft Corals						
<i>Anthelia edmondsoni</i>	0.1					0.4
Corals						
<i>Porites lobata</i>	38	38.7	0.3	2.8		17.5
<i>P. compressa</i>	1.5	4.8	0.1			
<i>Pocillopora meandrina</i>			0.1			
<i>Montipora verrucosa</i>	0.4					
<i>M. patula</i>	0.3					
Sand			17.1	1.4		3.4
Rubble	2	7	73.3	95.8		39.7
Hard Substratum	46.1	34.7	8.8			33.4
Mean Coral Coverage = 20.9%						

		Percent Cover				
		Photographic Quadrat				
		ABA	ACA1	ABB	ACA2	ABC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Hydrolithon rienboldii</i>	6.8				1.4	6.1
<i>Porolithon onkodes</i>		2.5				1.6
Sponges						
<i>Spirastrella coccinea</i>	0.3	0.3	0.2			0.1
<i>Chondrosia chucalla</i>	0.1	0.1	0.1			
Corals						
<i>Porites lobata</i>	13.2	16	10.5	17.9		53.7
<i>P. compressa</i>	4.7	1.7	3.4	10.1		4.5
<i>Pocillopora meandrina</i>						0.4
Sand	1.6	0.6	0.7	1.7		
Rubble	21.4	44	53.2	20.5		

Hard Substratum	51.9	34.8	31.9	48.4	33.6
Mean Coral Coverage = 27.2%					

TABLE 2—Continued

		Percent Cover				
		Photographic Quadrat				
		BAA	BCC1	BAB	BCC2	BAC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Sponges						
<i>Spirastrella coccinea</i>	0.1		0.1	0.7	0.1	
<i>Chondrosia chucalla</i>	0.3		0.1	0.3	0.2	
Soft Corals						
<i>Anthelia edmondsoni</i>	0.1		0.1			
Corals						
<i>Porites lobata</i>	3.1	0.2	0.3	2.5	0.3	
<i>Pocillopora meandrina</i>			0.1	2	0.3	
Sand	48.3	29.4	49.9	9.2	16.3	
Hard Substratum	48	70.4	49.4	85.3	82.8	
Mean Coral Coverage = 1.8%						

		Percent Cover				
		Photographic Quadrat				
		BBA	BCA1	BBB	BCA2	BBC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Sponges						
<i>Spirastrella coccinea</i>	0.1		0.1	0.1		
<i>Chondrosia chucalla</i>	0.1			0.6	0.1	
Corals						
<i>Porites lobata</i>	0.3	5.3	0.7		0.1	
<i>Pocillopora meandrina</i>			0.2			
Sand	71.1	30.5	50.8	11.2	46.4	
Hard Substratum	28.4	64.2	48.2	88.1	53.2	
Mean Coral Coverage = 1.3%						

TABLE 2—Continued

		Percent Cover				
		Photographic Quadrat				
		CCA	CCC1	CAB	CCC2	CAC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Porolithon onkodes</i>				0.6		
Sponges						
<i>Spirastrella coccinea</i>	0.1	0.6	0.1	0.3	0.1	
<i>Chondrosia chucalla</i>			0.1	1.1		
Corals						
<i>Porites lobata</i>	0.4	0.3	0.7	2.2	0.1	
<i>P. compressa</i>			0.1		0.4	
<i>Pocillopora meandrina</i>				2.5		
Sand	5.3	1.1	1.4			1.4
Rubble	81.7	28.3	97.6	62.5	98	
Hard Substratum	12.5	69.7		30.8		
Mean Coral Coverage = 1.3%						

		Percent Cover				
		Photographic Quadrat				
		CBA	CCA1	CBB	CCA2	CBC
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Porolithon onkodes</i>	1.2	0.3		1.1	0.4	
<i>Hydrolithon rienboldii</i>		5.9				
Sponges						
<i>Spirastrella coccinea</i>	0.6			1.1	0.4	
<i>Chondrosia chucalla</i>					0.1	
Corals						
<i>Porites lobata</i>	5.4	19.6	0.1	14.3		
<i>P. compressa</i>	0.2		0.2	0.3	0.3	
<i>Pocillopora meandrina</i>			0.1	0.3	0.1	
<i>Montipora verrucosa</i>				0.3	0.3	
Sand	0.7		0.4			0.8
Rubble	65.9	74.2	99.2	51.3	97.6	
Hard Substratum	26			31.3		
Mean Coral Coverage = 8.3%						

TABLE 2—Continued

		Percent Cover				
		Photographic Quadrat				
		AAA1	AAA2	AAA3	AAA4	AAB1
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Porolithon onkodes</i>	0.7		0.3			0.6
Sponges						
<i>Spirastrella coccinea</i>			0.8			0.3
Corals						
<i>Porites lobata</i>	15.4	27.5	18.2	8.1		6.7
<i>Pocillopora meandrina</i>	4.8	0.6		2.5		0.8
<i>P. eydouxi</i>		4.8				
Sand		0.6				
Rubble	21.3	4.2	21	34.5		5
Hard Substratum	57.8	62.3	59.7	54.9		86.6
Mean Coral Coverage = 17.9%						

		Percent Cover				
		Photographic Quadrat				
		BBB1	BBB2	BBB3	BBB4	BBA1
		(0 m)	(5 m)	(10 m)	(15 m)	(20 m)

Algae						
<i>Sphacelaria furcigera</i>	2.8		0.6			0.3
Sponges						
<i>Spirastrella coccinea</i>	0.1	0.1	0.1			
Corals						
<i>Porites lobata</i>	0.3	0.1	0.3	0.3		
<i>Pocillopora meandrina</i>		0.1				
Sand	2.8	2.8	0.8	96.1		93.3
Rubble	0.8	1.7	0.6	3.6		6.4
Hard Substratum	93.2	95.2	97.6			
Mean Coral Coverage = 0.2%						

NOTE: Presented in the body of the table are the percent cover of species and substrate types for each transect. Note that for Stations BP-1, BP-2, and BP-3 the 5 m and 15 m data are based on one 0.67-m<sup>2</sup> photo-quadrat and the 0 m, 10 m, and 20 m data on the mean from four 0.67-m<sup>2</sup> quadrats at each location. Data for Station BP-4 are based on one quadrat at each 5-m stop (i.e., 0 m, 5 m, 10 m, 15 m, and 20 m).

