

TABLE 11. Summary of the Biological Parameters Measured at Stations Sampled in August 1991, May and September 1993, April 1994, June 1995, May 1996, and February 1997

Transect	% Algal Cover							% Coral Cover					
	1991	1993	1994	1995	1996	1997		1991	1993	1994	1995	1996	1997
BP-1-A	4.2	0.5	1.3	0.7	0.4	1.7		23.3	15.5	17.4	17.0	15.0	14.6
BP-1-B	6.1	0.4	0.3	0.6	0.3	0.1		29.4	7.1	22.0	25.3	23.9	13.6
BP-2-A	0.5	0.9	0.1	0.9	0.6	0.5		3.6	2.2	0.9	1.0	1.0	1.0
BP-2-B	0.3	0.9	0.3	1.3	0.6	1.0		2.7	1.1	0.9	0.6	0.5	0.6
BP-3-A	3.0	0	0	0	0	0.8		8.0	4.6	8.1	6.5	5.2	4.0
BP-3-B	0.3	0	0	0	0	0		11.6	3.2	3.3	2.4	2.6	7.1
BP-4-A		0	3.5	2.0	1.2	0.7			19.7	26.9	28.1	27.8	27.3
BP-4-B		0.7	0	0	0.1	0			0.1	3.7	4.3	6.2	5.8
Mean	2.4	0.4	0.7	0.7	0.4	0.6		13.1	6.7	10.4	10.7	10.2	9.3

Transect	No. of Coral Species							No. of Invert. Species						No. of Fish Species					
	1991	1993	1994	1995	1996	1997		1991	1993	1994	1995	1996	1997	1991	1993	1994	1995	1996	1997

BP- 3 5 5 6 5 6 4 4 8 7 6 5 47 41 39 38 34 38
1-A

BP- 3 4 5 6 6 7 2 4 4 6 6 6 42 44 42 38 40 34
1-B

BP- 3 2 1 2 2 3 6 7 3 6 5 5 10 6 5 9 7 8
2-A

BP- 3 3 4 2 2 3 4 4 6 7 7 4 6 12 11 15 12 15
2-B

BP- 4 5 4 5 4 4 8 9 6 6 8 7 38 28 26 35 26 33
3-A

BP- 5 4 5 4 5 5 6 6 8 6 7 6 30 17 18 29 27 26
3-B

BP- 4 3 1 2 3 6 7 9 7 6 49 51 48 52 42
4-A

BP- 2 3 3 4 3 2 2 4 4 3 2 10 10 12 13
4-B

Mea 4 4 4 4 4 5 5 6 6 6 5 29 25 25 28 26 26
n

	No. of Fish Individuals							Fish Biomass (g/m²)						
Transect	1991	1993	1994	1995	1996	1997		1991	1993	1994	1995	1996	1997	
BP-1-A	745	375	387	355	293	382		406	249	222	108	115	251	
BP-1-B	453	488	371	410	370	428		374	490	202	109	290	471	
BP-2-A	21	6	7	22	11	10		7	9	2	11	9	12	
BP-2-B	12	21	36	68	43	118		2	11	25	26	56	168	
BP-3-A	367	82	191	189	320	213		343	70	255	157	176	236	
BP-3-B	187	161	109	156	393	302		121	311	445	128	282	550	
BP-4-A		537	1,563	943	1,247	1,081			374	1,305	440	685	821	
BP-4-B		3	15	96	67	52			1	12	16	27	1,027	
Mean	298	209	335	280	343	323		209	189	309	124	205	442	

NOTE: Coral and algal percent cover as well as the number of coral species are from the photo-quadrats in the 1991 dataset and other data from the 4 m × 20 m area visually assessed at each transect site. Transects BP-4-A and BP-4-B were first sampled in September 1993.