

TABLE 11. Summary of the Biological Parameters Measured at Stations Sampled in August 1991, May and September 1993, April 1994, June 1995, May 1996, February 1997, January 1998, and January 1999

Transsect	% Algal Cover							
	1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	4.2	0.5	1.3	0.7	0.4	1.7	0	1.9
BP-1-B	6.1	0.4	0.3	0.6	0.3	0.1	1.6	0.7
BP-2-A	0.5	0.9	0.1	0.9	0.6	0.5	2.0	0
BP-2-B	0.3	0.9	0.3	1.3	0.6	1.0	0.9	0.3
BP-3-A	3.0	0	0	0	0	0.8	0	0.4
BP-3-B	0.3	0	0	0	0	0	0	0
BP-4-A		0	3.5	2.0	1.2	0.7	1.2	2.4
BP-4-B		0.7	0	0	0.1	0	0.5	0.1
Mean	2.4	0.4	0.7	0.7	0.4	0.6	0.8	0.7

Transsect	% Coral Cover							
	1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	23.3	15.5	17.4	17.0	15.0	14.6	15.7	18.7
BP-1-B	29.4	7.1	22.0	25.3	23.7	13.6	16.5	13.1
BP-2-A	3.6	2.2	0.9	1.0	1.0	1.0	0.7	1.4
BP-2-B	2.7	1.1	0.9	0.6	0.5	0.6	1.3	1.1
BP-3-A	8.0	4.6	8.1	6.5	5.2	4.0	5.2	9.2
BP-3-B	11.6	3.2	3.3	2.4	2.6	7.1	7.0	5.2
BP-4-A		19.7	26.9	28.1	27.8	27.3	21.6	40.0
BP-4-B		0.1	3.7	4.3	6.2	5.8	5.7	8.0
Mean	13.1	6.7	10.4	10.7	10.2	9.3	9.2	12.1

Transsect	No. Coral Species									No. Invertebrate Species							
	1991	1993	1994	1995	1996	1997	1998	1999		1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	3	5	5	6	5	6	7	5		4	4	8	7	6	5	5	8
BP-1-B	3	4	5	6	6	7	5	6		2	4	4	6	6	6	7	7
BP-2-A	3	2	1	2	2	3	3	5		6	7	3	6	5	5	7	5
BP-2-B	3	3	4	2	2	3	3	4		4	4	6	7	7	4	5	6

[illegible]

TABLE 11—*Continued*

Transsect	No. of Fish Species							
	1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	47	41	39	38	34	38	35	34
BP-1-B	42	44	42	38	40	34	33	41
BP-2-A	10	6	5	9	7	8	19	6
BP-2-B	6	12	11	15	12	15	7	11
BP-3-A	38	28	26	35	26	33	27	28
BP-3-B	30	17	18	29	27	26	30	29
BP-4-A		49	51	48	52	42	50	38
BP-4-B		2	10	10	12	13	17	18
Mean	29	25	25	28	26	26	27	26

Transsect	No. of Fish Individuals							
	1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	745	375	386	355	293	382	463	558
BP-1-B	453	488	371	410	370	428	608	419
BP-2-A	21	6	7	22	11	10	87	13
BP-2-B	12	21	36	68	43	118	13	33
BP-3-A	367	82	191	189	320	213	224	192
BP-3-B	187	161	109	156	393	302	473	199
BP-4-A		537	1,563	943	1,247	1,081	2,137	971
BP-4-B		3	15	96	67	52	123	57
Mean	298	209	335	280	343	323	516	305

Transsect	Fish Biomass (g/m ²)							
	1991	1993	1994	1995	1996	1997	1998	1999
BP-1-A	406	249	222	108	115	251	325	124
BP-1-B	374	490	202	109	290	471	141	211
BP-2-A	7	9	2	11	9	12	44	15
BP-2-B	2	11	25	26	56	168	9	31
BP-3-A	343	70	255	157	176	236	231	358
BP-3-B	121	311	445	128	282	550	499	359

BP-4-A		374	1,305	440	685	821	1,263	893
BP-4-B		1	12	16	27	1,027	115	62
Mean	209	189	309	124	205	442	328	257

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