

Appendix E

Percentage cover of selected groups of benthic organisms (see Table 2.4) recorded from regions in each survey year 1996-98.

E1. Mean percentage cover of benthic groups recorded in each region in the 1996 surveys CG = Cape Grenville, PC = Princess Charlotte Bay, CL = Cooktown / Lizard Is, CA = Cairns, TO = Townsville, WH = Whitsundays, SW = Swains, CB = Capricorn / Bunkers. I= Inshore, M = Mid-shelf, O = Outer shelf

Sector	Shelf	Algae	Hard Coral	Soft Coral	Acroporidae	Faviidae	Pocilloporidae	Poritidae	Acropora Tabulate	Acropora 'Other'	Montipora
CG	I	73.8	11.6	1.3	3.0	1.3	1.3	0.5	0.2	1.4	1.2
CG	O	18.2	36.8	21.8	30.3	0.8	4.1	0.9	6.7	18.9	4.4
PC	M	44.3	13.1	18.3	3.7	0.6	1.4	7.1	0.2	3.0	0.4
PC	O	26.7	42.5	12.3	30.9	2.8	4.6	2.6	8.0	17.1	4.2
CL	I	47.1	28.0	4.8	8.4	3.6	4.4	3.4	1.6	3.9	1.9
CL	M	50.5	18.1	8.9	1.7	3.6	1.6	5.9	0.1	1.0	0.1
CL	O	25.3	34.5	5.7	19.6	1.5	7.8	0.8	5.3	13.1	0.9
CA	I	43.2	30.5	11.8	11.1	2.2	1.7	4.6	1.5	5.3	4.0
CA	M	44.2	25.4	14.0	10.0	4.0	4.3	1.6	2.7	5.9	1.0
CA	O	25.6	24.8	32.9	13.6	2.2	3.7	2.5	2.9	9.9	0.4
TO	M	35.1	46.8	5.1	30.4	3.3	5.1	2.0	19.5	9.7	0.7
TO	O	30.7	33.5	17.2	11.5	7.8	4.7	2.6	3.2	6.6	1.2
WH	I	29.4	29.8	19.3	8.6	3.7	0.7	7.3	0.6	3.5	4.0
WH	M	45.7	43.5	1.7	19.9	7.1	3.9	2.2	5.6	6.3	7.2
WH	O	21.8	26.1	31.9	8.9	3.6	2.9	4.7	2.0	5.5	0.8
SW	M	43.3	39.1	9.4	21.9	3.0	4.0	4.1	3.0	13.2	5.1
SW	O	30.6	23.7	35.8	6.8	3.3	3.1	4.8	1.5	4.4	0.4
CB	O	46.8	25.1	3.2	18.8	2.2	0.9	0.9	8.2	7.0	1.6

E2. Mean percentage cover of benthic groups recorded in each region in 1997 surveys. CG = Cape Grenville, PC = Princess Charlotte Bay, CL = Cooktown / Lizard Is, CA = Cairns, TO = Townsville, WH = Whitsundays, SW = Swains, CB = Capricorn / Bunkers. I= Inshore, M = Mid-shelf, O = Outer shelf

Sector	Shelf	Algae	Hard Coral	Soft Coral	Acroporidae	Faviidae	Pocilloporidae	Poritidae	<i>Acropora</i> Tabulate	<i>Acropora</i> 'Other'	<i>Montipora</i>
CL	I	49.4	28.6	3.5	8.4	3.5	4.6	3.2	1.8	4.1	2.3
CL	M	58.1	14.1	8.1	0.6	3.1	0.8	5.8	0.0	0.4	0.0
CL	O	16.9	43.7	6.1	27.2	2.2	8.4	0.8	11.1	13.9	1.8
CA	I	45.2	26.0	10.6	9.5	1.6	1.4	3.5	1.1	4.4	3.6
CA	M	37.3	26.1	17.3	12.2	3.7	4.5	1.1	3.2	7.8	0.7
CA	O	21.0	24.1	34.0	12.4	1.6	4.1	2.1	2.4	9.5	0.3
TO	M	40.6	37.8	3.8	21.8	3.0	4.9	2.6	12.4	8.4	0.7
TO	O	34.0	31.1	15.7	10.5	6.5	4.3	3.2	2.5	5.8	1.5
WH	I	24.5	27.2	20.2	7.5	3.6	0.7	6.6	0.5	2.5	3.6
WH	M	66.3	23.7	1.1	7.1	6.3	1.9	1.5	0.3	1.7	4.8
WH	O	18.4	26.3	28.7	9.7	4.0	2.9	4.6	1.9	6.0	1.2
SW	M	34.6	40.7	10.5	23.8	2.9	3.5	3.9	4.1	13.4	5.8
SW	O	27.0	25.2	36.2	8.2	3.5	3.4	5.1	2.1	5.2	0.5
CB	O	35.3	35.7	4.5	28.2	2.7	0.8	0.6	16.7	7.7	1.6

E3. Mean percentage cover of benthic groups recorded in each region in 1998 surveys. CG = Cape Grenville, PC = Princess

Charlotte Bay, CL = Cooktown / Lizard Is, CA = Cairns, TO = Townsville, WH = Whitsundays, SW = Swains, CB = Capricorn / Bunkers. I= Inshore, M = Mid-shelf, O = Outer shelf

Sector	Shelf	Algae	Hard Coral	Soft Coral	Acroporidae	Faviidae	Pocilloporidae	Poritidae	<i>Acropora</i> Tabulate	<i>Acropora</i> 'Other'	<i>Montipora</i>
CL	I	49.2	29.7	3.4	8.7	3.7	4.7	3.4	2.0	3.8	2.5
CL	M	54.9	15.4	7.8	1.0	3.3	1.1	5.7	0.0	0.6	0.2
CL	O	10.3	52.4	6.5	35.3	1.4	9.8	0.7	19.5	13.9	1.2
CA	I	51.8	23.4	9.5	5.3	2.3	0.5	4.9	0.4	2.4	2.3
CA	M	38.8	27.8	14.3	11.2	3.9	4.0	1.9	4.2	5.7	0.9
CA	O	19.2	25.7	33.8	14.6	1.5	4.6	2.0	2.9	10.6	0.7
TO	M	46.1	37.0	2.4	22.1	3.6	3.6	2.5	11.1	9.4	1.4
TO	O	28.6	34.1	13.4	12.9	6.4	4.6	2.6	4.4	6.7	1.2
WH	I	31.3	27.9	19.2	6.0	4.1	0.5	7.4	0.2	1.6	3.5
WH	M	61.3	24.5	1.0	7.6	6.2	1.9	2.3	0.4	1.9	5.0
WH	O	17.8	27.1	31.4	10.5	3.3	2.7	4.8	2.8	6.3	0.9
SW	M	43.4	35.8	10.2	17.2	3.4	3.2	4.5	3.2	9.4	3.9
SW	O	22.2	25.8	36.6	8.4	3.7	3.1	5.0	2.7	5.1	0.3
CB	O	20.8	50.1	4.0	43.6	2.2	0.9	0.4	31.9	8.3	0.9