

Appendix D

General status of crown-of-thorns starfish on the Great Barrier Reef, 1996-1998.

D1. Status of crown-of-thorns starfish (COTS) in each sector in 1996. AO = Active outbreak, IO = Incipient outbreak, RE = Recovering, NO = No outbreak.

Sector	No. of reefs	No. COTS/tow	No. COTS	Number (%) of reefs with COTS	Median (range) coral cover	Mean coral cover \pm SE	% AO or IO reefs	% RE reefs	% NO reefs
Cape Grenville	7	0.35	84	5 (71)	3+ (2- to 4-)	42.6 \pm 4.09	28.6	0.0	71.4
Princess Charlotte Bay	6	0.046	12	3 (50)	2+/3- (2- to 3+)	27.7 \pm 3.78	0.0	33.3	66.7
Cooktown/Lizard Is	22	0.33	334	12 (55)	2+ (1+ to 3-)	24.6 \pm 1.55	31.8	22.7	45.5
Cairns	18	0.02	19	6 (33)	2- (1- to 3-)	18.1 \pm 1.92	0.0	38.9	61.1
Innisfail	6	0.004	1	1 (17)	2+ (2- to 3-)	24.5 \pm 2.26	0.0	66.7	33.3
Townsville	10	0	0	0 (0)	2-/2+ (1+ to 3+)	24.4 \pm 3.36	0.0	60.0	40.0
Cape Upstart	7	0	0	0 (0)	2- (1+ to 2+)	17.8 \pm 2.96	0.0	57.1	42.9
Whitsunday	12	0.004	2	2 (17)	2+ (1+ to 3+)	27.0 \pm 3.03	0.0	16.7	83.3
Pompey	4	0	0	0 (0)	3+ (2- to 3+)	39.7 \pm 6.19	0.0	0.0	100.0
Swains	13	0.17	87	5 (38)	2-/3- (2- to 4+)	34.8 \pm 3.85	15.4	23.1	61.5
Capricorn Bunkers	5	0.01	3	2 (40)	2+ (2- to 2+)	26.8 \pm 2.51	0.0	0.0	100.0

D2. Status of crown-of-thorns starfish (COTS) in each sector in 1997. AO = Active outbreak, IO = Incipient outbreak, RE = Recovering, NO = No outbreak.

Sector	No. of reefs	No. COTS/tow	No. COTS	Number (%) of reefs with COTS		Median (range) coral cover		Mean coral cover \pm SE	% AO or IO reefs	% RE reefs	% NO reefs
Cooktown/Lizard Island	12	0.45	262	8	(67)	2-	(1+ to 3-)	22.7 \pm 2.16	41.7	25.0	33.3
Cairns	14	0.04	32	6	(43)	2-/2+	(1- to 3+)	22.1 \pm 2.25	7.1	35.7	57.1
Innisfail	6	0.05	16	2	(33)	2-/2+	(2- to 3-)	22.5 \pm 2.63	16.7	83.3	0.0
Townsville	10	0.01	6	3	(30)	2-	(1+ to 3+)	25.0 \pm 3.93	0.0	50.0	50.0
Cape Upstart	6	0.01	3	3	(50)	2-/2+	(1+ to 2+)	17.2 \pm 2.24	0.0	83.3	16.7
Whitsunday	12	0.002	1	1	(8.)	2-	(1+ to 2+)	18.9 \pm 1.86	0.0	16.7	83.3
Pompey	2	0	0	0	(0)	3-/3+	(3- to 3+)	46.2 \pm 6.86	0.0	0.0	100.0
Swains	7	0.54	201	4	(57)	2-	(1+ to 3+)	25.9 \pm 3.65	28.6	14.3	57.1
Capricorn Bunkers	5	0.01	4	1	(20)	2+	(2- to 3-)	31.4 \pm 1.11	0.0	0.0	100.0

D3. Status of crown-of-thorns starfish (COTS) in each sector in 1998. AO = Active outbreak, IO = Incipient outbreak, RE = Recovering, NO = No outbreak.

Sector	No. of reefs	No. COTS/tow	No. COTS	Number (%) of reefs with COTS	Median (range) coral cover	Mean coral cover \pm SE	% AO or IO reefs	% RE reefs	% NO reefs
Cape Grenville	13	0.003	1	1 (68)	3-/3+ (1+ to 4+)	39.7 \pm 4.27	0.0	7.7	92.3
Princess Charlotte Bay	6	0.02	5	1 (17)	2+ (2- to 3-)	28.4 \pm 3.84	0.0	16.7	83.3
Cooktown/Lizard Island	20	0.40	397	13 (65)	2- (1- to 2+)	16.8 \pm 1.66	40.0	20.0	40.0
Cairns	20	0.08	66	10 (50)	2+ (1- to 3+)	22.0 \pm 2.11	15.0	25.0	60.0
Innisfail	7	0.24	81	5 (71)	2- (1+ to 2+)	20.7 \pm 1.75	28.6	14.3	57.1
Townsville	10	0.01	6	2 (20)	2+ (2- to 3+)	27.4 \pm 3.15	0.0	60.0	40.0
Cape Upstart	6	0.01	3	2 (33)	2- (1- to 2+)	19.5 \pm 3.29	0.0	33.3	66.7
Whitsunday	9	0	0	0 (0)	2- (1+ to 3-)	21.2 \pm 2.6	0.0	22.2	77.8
Pompey	6	0.03	5	2 (33)	3-/3+ (3- to 4-)	43.2 \pm 3.51	0.0	0.0	100.0
Swains	7	1.36	521	3 (43)	2+ (2- to 3-)	28.0 \pm 2.88	42.9	14.3	42.9
Capricorn Bunkers	4	0	0	0 (0)	2+ (2- to /3-)	34.5 \pm 1.72	0.0	0.0	100.0