

Supplementary material

Widespread occurrence of coral diseases in the central Maldives

Simone Montano^{A,B,D}, Giovanni Strona^C, Davide Seveso^{A,B}, Davide Maggioni^{A,B} and Paolo Galli^{A,B}

^ADepartment of Biotechnologies and Biosciences, University of Milan – Bicocca, Piazza della Scienza 2, I-20126, Milan, Italy.

^BMarine Research and High Education (MaRHE) Center, Magoodhoo Island, 12030, Faafu Atoll, Republic of Maldives.

^CEuropean Commission, Joint Research Centre, Institute for Environment and Sustainability, Via E. Fermi 2749, I-21027 Ispra, Italy.

^DCorresponding author. Email: simone.montano@unimib.it

Table S1. Total number and total diseased coral colonies by genera

BBD, black band disease; SEB, skeleton eroding band; WS, white syndrome; BrBD, brown band disease; UWS, ulcerative white spot prevalence by genera; X, diseased colonies not found within the transects

Family	Genus	Number of sites	Diseased colonies					Total
			BBD	SEB	WS	BrBD	UWS	
Acroporidae	<i>Acropora</i>	16898	7	37	117	70	X	231
	<i>Isopora</i>	611	4	X				4
	<i>Montipora</i>	659	1					1
Agariciidae	<i>Pavona</i>	6598	3		3		1	7
	<i>Gardineroseris</i>	26	X					
Faviidae	<i>Favia</i>	578	1					1
	<i>Favites</i>	698	1				1	2
	<i>Chyphastrea</i>	6		X				
	<i>Echinopora</i>	17			X			
	<i>Goniastrea</i>	912	7				27	34
	<i>Leptoria</i>	172					2	2
Fungiidae	<i>Fungia</i>	621	2					2
	<i>Sandalolitha</i>	0	X					
Merulinidae	<i>Hydnophora</i>	99					1	1
Poritidae	<i>Porites</i>	3219	4	X			64	68
	<i>Goniopora</i>	269	8					8
Pocilloporidae	<i>Pocillopora</i>	1796		31	1			32
Siderastreidae	<i>Psammocora</i>	1197	36					36
		34503	74	68	121	70	96	429

Table S2. Number of diseased coral colonies by Atolls and Islands

Atoll	Islands	Number of sites	Diseased colonies					Total
			BBD	SEB	WS	BrBD	UWS	
Faafu			20	23	28	7	1	79
	Magoodhoo	8	11	18	15	0	0	44
	Adanga	4	9	5	13	7	1	35
Malè North		16	26	23	60	22	55	186
	Ihuru	8	13	9	41	1	28	92
	Vabbinfaru	8	13	14	19	21	27	94
Ari		13	28	16	29	41	16	130
	Thudufushi	7	20	9	10	13	14	66
	Athuruga	6	8	7	19	28	2	64
Baa	Kunfunadhoo	8	0	6	4	0	24	34