Table S1. Results of the Analysis of Variance testing for differences in fish larval densities, zooplankton, fish eggs and chlorophyll-*a*, pH, DO, salinity and temperature in different locations (Watamu vs. Diani), seasons (NEM vs. SEM) and sites (Healthy vs. Degraded). Bold *p*-values indicate a significant result of $p < 0.05$.

		F	*p*
Fish larvae	Watamu vs. Diani	1.45	0.23
	NEM vs. SEM	4.10	***0.047**
	Healthy vs. Degraded	0.19	0.66
Zooplankton	Watamu vs. Diani	1.51	0.221
	NEM vs. SEM	7.31	***0.008**
	Healthy vs. Degraded	2.78	0.07
Fish eggs	Watamu vs. Diani	3.70	0.06
	NEM vs. SEM	0.00	0.97
	Healthy vs. Degraded	3.50	0.06
Chl-*a*	Diani vs. Watamu	1.34	0.25
	NEM vs. SEM	0.07	0.79
pH	Diani vs. Watamu	0.2	0.68
	NEM vs. SEM	9.8	***0.003**
DO	Diani vs. Watamu	0.226	0.64
	NEM vs. SEM	18.638	***0.001**
Salinity	Diani vs. Watamu	0	0.96
	NEM vs. SEM	6	***0.02**
Temperature	Diani vs. Watamu	0.01	0.91
	NEM vs. SEM	29.97	***0.002**

*** indicates significant difference at $p < 0.05$**