

The First Evidence of the Water Bioremediation Potential of *Ficopomatus enigmaticus* (Fauvel 1923): From Threat to Resource?

SUPPLEMENTARY MATERIAL

Table S1. Composition and physical-chemical properties of the synthetic seawater used for bioassay with *Aliivibrio fischeri*.

Sodium chloride (NaCl) (g/L)	22.0
Magnesium chloride hexahydrate (MgCl ₂ · 6 H ₂ O)	9.7
Sodium sulphate anhydrous (Na ₂ SO ₄) (g/L)	3.7
Calcium chloride dihydrate (CaCl ₂ · 2H ₂ O) (g/L)	1.32
Potassium chloride (KCl) (g/L)	0.65
Baking soda (NaHCO ₃) (g/L)	0.20
Boric acid (H ₃ BO ₃) (g/L)	0.023
Conductivity (μS/cm) (20°C)	47 ± 1
Practical Salinity (20°C)	31 ± 1
pH – value	7.5 ± 0.2

Table S2. pH values measured at time 0 and after 24 hours of contact time with 25 mg/L methylene blue. CN= negative controls; L= living reefs; D= dead reefs; CP= positive controls.

	pH		Variation
	0h	24h	
CN	8.13	7.07	1.06
L_4	7.97	7.48	0.49
L_5	7.97	7.52	0.45
L_7	7.95	7.55	0.40
CN_3	8.01	7.62	0.39
L_3	7.97	7.59	0.38
CN_1	8.00	7.67	0.33
CN_2	8.00	7.67	0.33
D_3	7.77	7.46	0.31
D_5	7.77	7.46	0.31
L_6	7.95	7.66	0.29
CN_4	8.02	7.74	0.28
D_2	7.77	7.51	0.26
D_1	7.77	7.52	0.25
D_4	7.77	7.53	0.24
L_8	7.95	7.76	0.19
L_1	7.86	7.68	0.18
L_2	7.86	7.76	0.10
CP_2	7.97	7.90	0.07
CP_3	7.95	7.89	0.06
CP_1	7.86	7.88	-0.02