

Table S1. Biotic and abiotic properties of rock pools used in the study

	saline pool	freshwater pool
depth (cm)	52	50
length (cm)	645	266
width (cm)	250	1267
volume (m ³)	2.795	5.617
temperature (°C)	26	24
conductivity (μS cm ⁻¹)	8120	260
practical salinity	4.5	0
pH	7.35	7.1
DOC (mg L ⁻¹)	14.1	14.4
TN (mg L ⁻¹)	0.93	0.87
TP (mg L ⁻¹)	0.016	0.083
ChIA (μg L ⁻¹)	10.3	24
bacterial abundance (10 ⁶ ml ⁻¹)	1.7	2.0