Supplementary material

Table S1. Summary of means and 95% confidence intervals of ungrazed and grazed tissue of *Fucus vesiculosus* after exposure to different levels of temperature (ambient or high), salinity (ambient or low), pCO_2 (ambient or elevated) as fixed, orthogonal factors, n= 10. The grazed tissue was grazed by the snail *Littorina obtusata*.

	Mean ± 95% CI	
Manipulated drivers:	Ungrazed	Grazed
Ambient	3.5 ± 0.5	8.0 ± 2.4
pCO_2	2.7 ± 0.4	2.9 ± 0.4
Salinity	3.2 ± 0.3	3.0 ± 0.3
Salinity & pCO_2	2.4 ± 0.3	3.3 ± 0.5
Temperature	2.9 ± 0.3	2.9 ± 0.5
Temperature & pCO_2	2.9 ± 0.3	3.1 ± 0.5
Temperature & Salinity	3.1 ± 0.4	2.7 ± 0.4
Temperature & Salinity & pCO_2	3.0 ± 0.5	2.7 ± 0.3

Figure S1. Phlorotannin content of *Fucus vesiculosus* in ungrazed and grazed tissue by *Littorina obtusata* after exposure to different levels of temperature (2 levels), salinity (2 levels), and pCO_2 (2 levels) as fixed, orthogonal factors. Letters below the bars indicate which climate drivers have been manipulated, *i.e.* T (temperature), S (salinity), and pCO_2. Values are means $\pm$ 95% CI, n=10.