

## Quantifying the top-down effects of grazers on a rocky shore: selective grazing and the potential for competition

Diana E. LaScala-Gruenewald\*, Luke P. Miller, Matthew E. S. Bracken, Bengt J. Allen, Mark W. Denny

\*Corresponding author: dianalg@stanford.edu

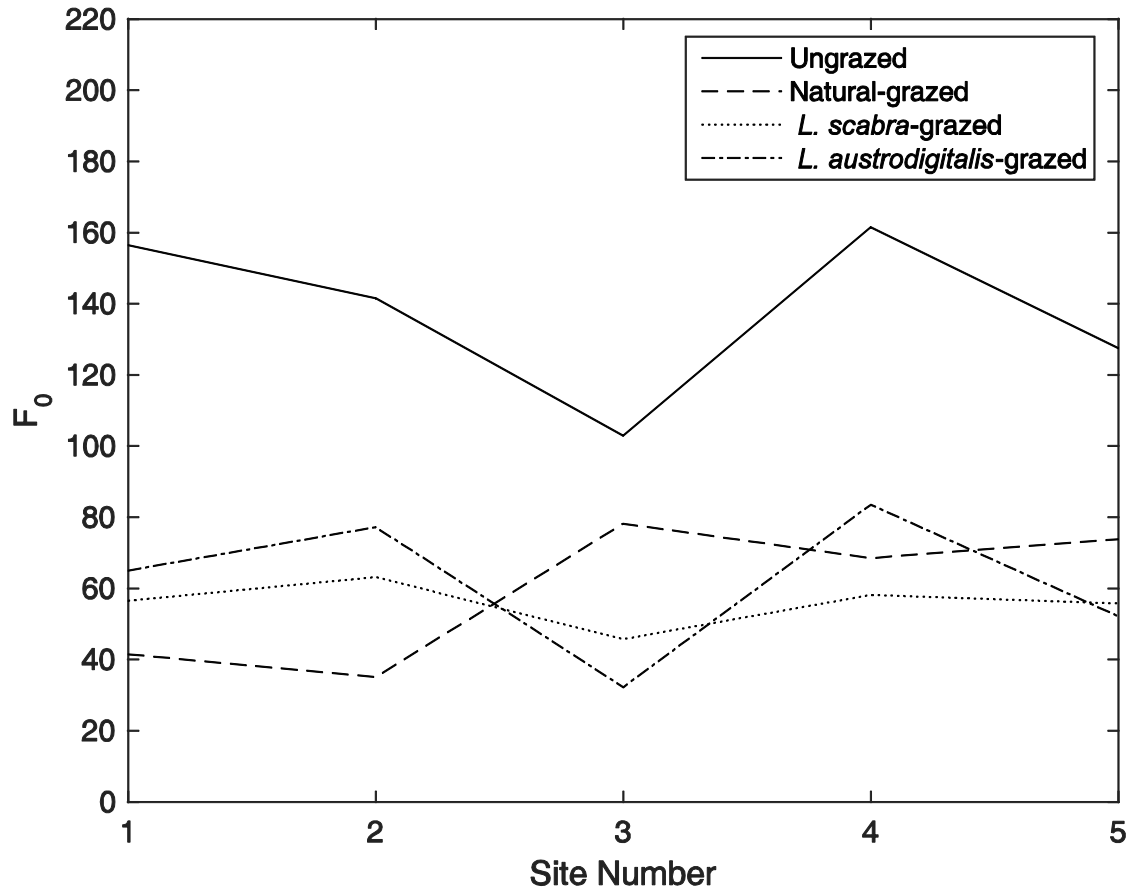
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**Table S1. ANOVA table for Figure 2.**  $F_0$  values on ungrazed plates were significantly higher than those on natural, *L. austrodigitalis* and *L. scabra*-grazed plates. Field site was not a significant factor in this analysis. The interaction term could not be tested due to the unreplicated block experimental design. Differences between grazing treatments were determined using Tukey's HSD test for multiple comparisons.

Source	SS	df	MS	F	Prob>F
Grazing Treatment	23433.8	3	7811.27	23.1	0
Site	1605.8	4	401.45	1.19	0.3654
Grazing Treatment*Site	*4058	*12	*338.17	No Test	
Error	4058	12	338.17		
Total	29097.6	19			

**Table S2. ANCOVA table for Figure 3.** Grazing treatment and temperature both significantly affected the  $F_0$  values of the MPB. The interaction between these 2 factors was also significant when the warm site 6 was included. Increased temperature resulted in decreased  $F_0$  values, but this negative correlation was more pronounced for the ungrazed MPB than for the natural, *L. austrodigitalis* and *L. scabra*-grazed MPB. Differences between grazing treatments were determined using Tukey's HSD test for multiple comparisons.

Source	SS	df	MS	F	Prob>F
Grazing treatment	15375.4	3	5125.13	15.55	0.0001
Temperature	5412.3	1	5412.3	16.42	0.0009
Interaction	9364.9	3	3121.63	9.47	0.0008
Error	5274.2	16	329.64		
Total	35426.8	23			



**Figure S1. Interaction plot for Figure 2.** An interaction term could not be directly computed when evaluating how  $F_0$  varied among sites and grazing treatments. However, it is clear that no interactions existed between ungrazed and limpet-grazed treatments. Interactions between limpet-grazed treatments are not likely to be biologically significant, because they occur in the range of little to no food availability.