

Supplementary MaterialTable S1. Repeated-measures ANOVA of richness of mobile invertebrates in *Pelvetiopsis* plots Bodega Marine Reserve

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	3.81	0.13	0.96
Month	4	40	10.75	1.37	0.24
Treatment* Month	16	40	13.39	0.43	0.97

Table S2. Repeated-measures ANOVA of abundance of mobile invertebrates in *Pelvetiopsis* plots Bodega Marine Reserve

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	3.12	0.15	0.86
Month	4	40	8.74	1.41	0.28
Treatment* Month	16	40	14.77	0.55	0.87

Table S3. Repeated-measures ANOVA of richness of mobile invertebrates in *Pelvetiopsis* plots Rancho Marino

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	35.86	0.62	0.66
Month	4	40	871.78	1.72	0.16
Treatment* Month	16	40	264.93	1.39	0.19

Table S4. Repeated-measures ANOVA of abundance of mobile invertebrates in *Pelvetiopsis* plots Rancho Marino

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	2.88	0.12	0.97
Month	4	40	12.61	0.94	0.65
Treatment* Month	16	40	19.39	0.36	0.98

Table S5. Repeated-measures ANOVA of richness of mobile invertebrates in *Pelvetiopsis* plots Corona del Mar (p-values Greenhouse-Geisser corrected)

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	79.92	13.26	7.34 x 10 ⁻⁴
Month	4	40	10.98	1.88	0.01
Treatment* Month	16	40	17.14	0.74	0.04

Table S6. Repeated-measures ANOVA of abundance of mobile invertebrates in *Pelvetiopsis* plots Corona del Mar (p-values Greenhouse-Geisser corrected)

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	2935.25	32.54	8.74 x 10 ⁻⁵
Month	4	40	45.79	1.45	9.38 x 10 ⁻⁶
Treatment* Month	16	40	474.61	3.76	5.66 x 10 ⁻⁵

Table S7. Repeated-measures ANOVA of richness of mobile invertebrates in *Silvetia* plots Bodega Marine Reserve

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	7.17	0.15	0.87
Month	4	40	30.55	1.45	0.64
Treatment* Month	16	40	18.99	0.78	0.76

Table S8. Repeated-measures ANOVA of abundance of mobile invertebrates in *Silvetia* plots Bodega Marine Reserve

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	8.77	0.32	0.94
Month	4	40	6.14	2.19	0.43
Treatment* Month	16	40	18.97	0.63	0.85

Table S9. Repeated-measures ANOVA of richness of mobile invertebrates in *Silvetia* plots Rancho Marino

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	55.99	0.75	0.81
Month	4	40	81.61	3.7	0.41
Treatment* Month	16	40	124.99	3.39	0.56

Table S10. Repeated-measures ANOVA of abundance of mobile invertebrates in *Silvetia* plots Rancho Marino

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	4.76	0.65	0.71
Month	4	40	14.69	0.78	0.81
Treatment* Month	16	40	13.56	0.48	0.78

Table S11. Repeated-measures ANOVA of richness of mobile invertebrates in *Silvetia* plots Corona del Mar (p-values Greenhouse-Geisser corrected)

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	136.61	6.40	9.14 x 10 ⁻⁶
Month	4	40	5.54	0.34	3.99 x 10 ⁻⁴
Treatment* Month	16	40	38.32	0.59	1.94 x 10 ⁻⁵

Table S12. Repeated-measures ANOVA of abundance of mobile invertebrates in *Silvetia* plots Corona del Mar (p-values Greenhouse-Geisser corrected)

Effect	DFn	DFd	Sum of Squares	F	p
Treatment	4	10	186.11	8.64	8.04 x 10 ⁻⁴
Month	4	40	7.74	1.39	8.74 x 10 ⁻⁵
Treatment* Month	16	40	38.3	3.59	1.11 x 10 ⁻³