

Table 1S. A. Multifactor three-way ANOVA results to test the presence of significant differences in shoot density among samples collected at different depth, location and substrate typology.

Three-way ANOVA – Shoot density (n° shoot/m²)					
	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
Depth	226471	2	113235.5	12.56	p<0.001
Location	31885.8	2	15942.9	1.77	0.1868
Substrates	76990.4	2	38495.2	4.27	p<0.05
Error	288410	32	9012.8		
Total	896383.4	50			

Table 1S. B Multifactor three-way ANOVA results to test the presence of significant differences in number of leaf for shoot among samples collected at different depth, location and substrate typology.

Three-way ANOVA – Leaf number/shoot					
	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
Depth	0.651	2	0.3253	0.29	0.753
Location	0.189	2	0.09044	0.08	0.9238
Substrates	1.111	2	0.55525	0.49	0.6175
Error	50.125	44	1.1392		
Total	531734	50			

Table 1S. C

Multifactor three-way ANOVA results to test the presence of significant differences in leaf length among samples collected at different depth, location and substrate typology.

Three-way ANOVA – Leaf length (cm)					
	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
Depth	600.9	2	300.449	7.45	p<0.01
Location	203.17	2	101.585	2.52	0.0922
Substrates	183.89	2	91.945	2.28	0.1144
Error	1775.59	44	40.354		
Total	2662.29	50			

Table 1S. D

Multifactor three-way ANOVA results to test the presence of significant differences in leaf surface for shoot among samples collected at different depth, location and substrate typology

Three-way ANOVA – Leaf surface/shoot (cm²)					
	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
Depth	17977.5	2	8988.76	5.47	p<0.01
Location	4709.4	2	2354.71	1.43	0.2493
Substrates	6209	2	3104.51	1.89	0.163
Error	72248.3	44	1642.01		
Total	94563.4	50			

Table 1S. E

Multifactor three-way ANOVA results to test the presence of significant differences in leaf surface for shoot among samples collected at different depth, location and substrate typology.

Three-way ANOVA – Leaf Area Index (LAI) (m²/m²)					
	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
Depth	48.84	2	24.4202	6.67	p<0.01
Location	6.69	2	3.3438	0.91	0.4086
Substrates	20.01	2	10.0047	2.73	0.0761
Error	161.07	44	3.6607		
Total	236.18	50			