

Influence of Maternal Habitat On Salt Tolerance During Germination and Growth in *Zygophyllum coccineum*

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Table S1. Correlation coefficient between germination, seedling growth biochemical parameter in *Z. coccineum* from Manzala, Wadi Asyuti and Wadi Houf under salinity condition.

Location	Parameters	Germination	Index	Recovery	Length	Area	Chla	Chlb	Carotenoids	Chla/Chlb
Manzal	Germination	1	0.997**	-0.990**	0.853**	0.690*	-0.051-	0.117	-0.673*	-0.347
	Index	0.997**	1	-0.982**	0.871**	0.707*	-0.037-	0.102	-0.679*	-0.327
	Recovery	-0.990**	-0.982**	1	-0.829**	-0.705*	-0.003-	-0.140	0.669*	0.351
	Length	0.853**	0.871**	-0.829**	1	0.829**	0.153	0.219	-0.834**	-0.351
	Area	0.690*	0.707*	-0.705*	0.829**	1	0.355	0.474	-0.860**	-0.547
	Chla	-0.051-	-0.037-	-0.003-	0.153	0.355	1	0.279	-0.075	0.039
	Chlb	0.117	0.102	-0.140-	0.219	0.474	0.279	1	-0.513	-0.901**
	Carotenoids	-0.673*	-0.679*	0.669*	-0.834**	-0.860**	-0.075-	-0.513	1	0.653*
	Chla/Chlb	-0.347-	-0.327-	0.351	-0.351-	-0.547-	0.039	-0.901**	0.653*	1
Wadi Assiuty	Germination	1	0.992**	-0.992**	0.968**	0.838**	0.448	-0.091	-0.842**	0.092
	Index	0.992**	1	-0.980**	0.968**	0.810**	0.380	-0.071	-0.816**	0.019
	Recovery	-0.992**	-0.980**	1	-0.962**	-0.816**	-0.451	0.101	0.818**	-0.117
	Length	0.968**	0.968**	-0.962**	1	0.857**	0.494	-0.128	-0.814**	0.137
	Area	0.838**	0.810**	-0.816**	0.857**	1	0.521	-0.256	-0.935**	0.308
	Chla	0.448	0.380	-0.451-	0.494	0.521	1	-.188-	-0.411	0.508
	Chlb	-0.091-	-0.071-	0.101	-0.128-	-0.256-	-0.188-	1	0.031	0.822**
	Carotenoids	-0.842**	-0.816**	0.818**	-0.814**	-0.935**	-0.411	.031	1	-0.126-
	Chla/Chlb	0.092	0.019	-0.117	0.137	0.308	0.508	-0.822**	-0.126-	1
Wadi Houf	Germination	1	0.987**	-0.979**	0.986**	0.934**	0.490	-0.071-	-0.560-	0.586*
	Index	0.987**	1	-0.965**	0.968**	0.957**	0.530	-0.067-	-0.496-	0.633*
	Recovery	-0.979**	-0.965**	1	-0.961**	-0.891**	-0.442-	0.165	0.476	-0.572-
	Length	0.986**	0.968**	-0.961**	1	0.900**	0.471	-0.132-	-0.536-	0.610*
	Area	0.934**	0.957**	-0.891**	0.900**	1	0.577*	-0.023-	-0.522-	0.670*
	Chla	0.490	0.530	-0.442-	0.471	0.577*	1	0.479	0.194	0.846**
	Chlb	-0.071-	-0.067-	0.165	-0.132-	-0.023-	0.479	1	0.007	-0.049-
	Carotenoids	-0.560-	-0.496-	0.476	-0.536-	-0.522-	0.194	0.007	1	0.198
	Chla/Chlb	0.586*	0.633*	-0.572-	0.610*	0.670*	0.846**	-0.049-	0.198	1

** Correlation is significant at the 0.01 level (2-tailed); * Correlation is significant at the 0.05 level (2-tailed).