

Supplementary Materials: Evidence on the Adaptive Recruitment of Chinese Cork Oak (*Quercus variabilis*): Influence on Repeated Germination and Constraint Germination by Food-Hoarding Animals

Yifeng Zhang ^{1,†}, Yuhua Shi ^{1,†}, Alfred M Sichilima ², Meilin Zhu ¹ and Jiqi Lu ^{1,*}

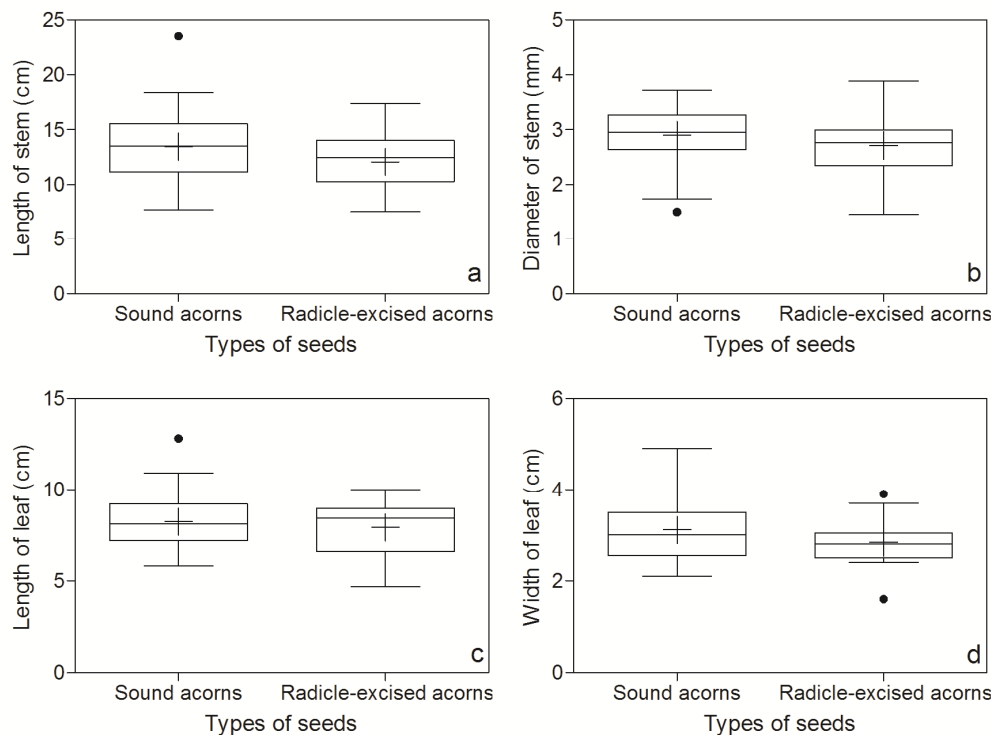


Figure S1. Parameters of stem length (a), stem diameter (b), leaf length (c) and leaf width (d). "+" represents mean value, and there are no significant difference between two types of seeds about stem length, stem diameter, leaf length and leaf width (Independent-Samples *t*-Test, $p > 0.05$ in all cases).

Table S1. Data used for the analysis.

Group	TSE(d)	HS(cm)	LS(cm)	DS(mm)	LL(cm)	WL(cm)	NLR	DB(g)
SA	18	28.2	13.2	3.54	9.3	3.4	3	3.64
SA	42	22.3	8.1	1.74	7.2	2.7	0	1.11
SA	54	38.1	16.8	2.19	6.2	2.6	1	2.37
SA	30	47.4	17.1	3.2	10.4	3.9	0	3.39
SA	30	32.5	10.9	3.72	8.6	2.7	2	2.7
SA	36	32.3	8.6	2.44	8.9	3.2	2	1.95
SA	51	42.8	14.4	3.23	10.9	3.9	1	3.6
SA	51	36.8	14.1	2.21	7.6	2.3	0	2.1
SA	39	30.1	12.8	3.49	6.9	2.9	2	3.55
SA	24	32.5	13.4	3.01	9.8	3.5	1	2.49
SA	21	34.3	17.3	2.9	7.9	2.4	0	2.41
SA	21	30.5	14.1	3.56	7.2	3.3	2	2.25
SA	24	32.1	11.5	2.36	6.2	2.4	0	1.21

SA	27	32.4	13.8	2.61	7.2	3.1	2	1.49
SA	33	37.4	10.9	3.41	8.6	3.8	1	2.19
SA	33	42.5	17.1	2.76	8.9	3.4	2	2.99
SA	75	22.3	8.9	1.5	5.9	2.1	0	0.81
SA	45	31.2	14.4	3.02	7.1	2.8	0	2.29
SA	42	39.5	14.5	2.72	8.2	4.4	2	1.77
SA	48	29.3	13.4	3.43	7.8	2.7	1	3.19
SA	36	24.7	9.9	3.01	9.1	3.1	0	2.01
SA	24	35.2	16.3	3.28	8.8	4.2	2	2.65
SA	54	23.5	8.9	2.46	7.1	2.5	0	1.05
SA	63	19.6	12.3	1.91	8.9	2.4	0	1.49
SA	24	32.3	13.5	2.99	7.2	2.9	1	2.9
SA	51	44.5	17.8	2.79	7.3	3.4	2	3.09
SA	54	42.8	10.1	2.86	8.9	3.4	0	2.97
SA	45	32.8	11.9	2.63	5.8	2.4	1	1.47
SA	33	37.5	16.5	3.64	7.6	3.5	1	3.02
SA	36	39.3	23.5	3.69	9.9	3	1	2.69
SA	33	50.2	18.4	3.03	9.6	3.4	1	2.33
SA	39	53.5	14.2	3.26	12.8	4.9	1	4.51
SA	30	29.5	12.3	2.94	8.3	2.9	0	2.92
SA	54	27.5	11.5	2.7	5.9	2.2	1	1.21
SA	27	50.1	13.9	3.32	10.4	4	2	4.45
SA	27	29.8	14.1	2.89	9.6	3.6	0	1.57
SA	24	35.8	11.4	3.18	8.1	2.6	0	2.32
SA	33	29.8	10.6	2.65	7.9	3	2	2.58
SA	63	35.4	14.8	2.95	7.2	2.3	2	2.41
SA	24	22.8	7.7	2.7	5.9	2.4	0	1.19
SA	27	43.5	16.9	3.04	10.3	4	1	2.55
REA	54	23.5	7.5	1.45	8.5	2.7	1	0.72
REA	39	32.9	10.4	2.87	7.6	2.9	0	3.1
REA	45	33.5	10.2	2.81	8.4	2.5	2	2.39
REA	36	39.5	17.4	3.52	8.5	3.6	3	3.04
REA	42	34.3	10.9	2.84	6.5	2.5	0	1.92
REA	39	35.6	14.5	2.9	7	2.9	3	2.88
REA	42	32.4	14.2	2.63	9.9	2.7	1	1.8
REA	39	30.2	13.1	2.32	6.5	2.7	1	1.37
REA	45	34.3	13.5	2.73	6.9	2.5	1	2.44
REA	42	42.6	11.6	3.02	9	3.1	0	2.92
REA	30	38.5	12.4	3.89	10	3.7	3	3.45
REA	24	25.6	12.5	2.69	8.9	2.9	1	2.43
REA	21	34.9	14.4	2.44	8.6	2.9	0	1.56
REA	36	30.9	13.5	3.45	9.9	3.9	1	2.22
REA	57	19.1	8	1.88	4.7	2.4	1	0.55
REA	60	18.2	8.9	1.96	5.9	1.6	0	0.4
REA	54	24.5	6.8	1.43	8.4	2.5	1	0.81

REA	39	31.9	11.1	2.88	7.1	2.7	0	2.97
REA	30	37.4	11.2	2.97	9.9	3.4	3	2.43
REA	24	26.9	13.9	2.57	8.4	2.8	1	2.56
REA	21	32.9	15.5	2.31	8.2	2.7	0	1.63
REA	45	32.5	10.5	2.82	8.3	2.8	2	2.35
REA	36	38.5	16.4	3.55	9.1	3.7	3	3.25
REA	42	36.3	11.6	2.78	6.8	2.6	0	2.03
REA	36	30.5	11.3	3.98	10.3	3.8	1	2.23
REA	57	20.1	9.2	1.99	5.2	2.5	1	0.69
REA	39	34.2	13.6	2.95	6.4	3.1	3	2.86
REA	45	32.2	12.4	2.81	6.6	2.9	1	2.38
REA	42	42.4	10.3	2.98	8.9	3.2	0	2.98
REA	60	19.6	9.9	2.01	6.2	1.5	0	0.61
REA	42	33.8	15.1	2.8	9.5	2.8	1	1.95
REA	39	32.3	14.2	2.57	7.5	2.5	1	1.46

Note: SA-sound acorns; REA-radicle excised acorns; TSE-time of seedling emergence; HS-height of seedling; LS-length of stem; DS-diameter of stem; LL-length of leaf; WL-width of leaf; NLR-number of lateral roots; DB-dry biomass.