

C x C N _{cross} = 36 N _{total} = 54	0.59 ± 0.06								
C x M N _{cross} = 8 N _{total} = 13	3.06 3.53 0.012	0.32±0.07							
M x C N _{cross} = 7 N _{total} = 13	1.70 1.46 0.88	1.80 1.22 0.95	0.46±0.09						
M x M N _{cross} = 3 N _{total} = 3	1.97 1.4 0.9	0.64 -1.20 0.96	1.16 0.45 1.0	0.42±0.1					
M x T N _{cross} = 7 N _{total} = 9	707.24 9.87 <0.0001	230.8 7.71 <0.0001	415.65 10.8 <0.0001	359.88 9.7 <0.0001	0±0				
T x M N _{cross} = 7 N _{total} = 11	0.94 -0.15 1.0	0.031 -4.06 0.0016	0.55 -1.178 0.96	0.47 -1.85 0.65	752.73 9.18 <0.0001	0.6±0.09			
T x T N _{cross} = 10 N _{total} = 19	0.53 -1.70 0.75	0.17 -3.96 0.0025	0.31 -2.53 0.22	0.27 -2.5 0.22	7.0e-04 -11.31 <0.0001	0.56 -1.68 0.76	0.73±0.06		
T x C N _{cross} = 20 N _T = 40	0.46 -2.75 0.13	6.72 4.48 0.0003	0.27 -3.35 0.023	4.31 2.89 0.09	1.5e04 10.78 <0.0001	2.06 2.28 0.36	1.16 0.58 1.0	0.76±0.05	
C x T N _{cross} = 23 N _{total} = 47	4.21 5.82 <0.0001	1.37 0.93 0.99	2.47 2.06 0.5	2.14 1.52 0.85	168.06 8.28 <0.0001	4.48 3.38 0.021	0.13 -7.23 <0.0001	9.23 5.9 <0.0001	0.25 ± 0.05
	C x C	C x M	M x C	M x M	M x T	T x M	T x T	T x C	C x T

	Wald χ^2	df	p
Maternal Species	13.07	2	1.46e-3
Paternal Species	37.75	2	6.36e-09
Maternal*Paternal	680.30	4	< 2.2e-16

Table S12. Pairwise differences in seed viability (germination rate per fruit) assessed using a post-hoc Tukey method. Cross types involved *M. caespitosa* (C), *M. minor* (M), and *M. tilingii* (T), with the maternal parent in each cross listed first. N_{cross} = number of unique maternal family combinations per cross type, and N_{total} = total number of fruits scored per cross type. Values on diagonal are lsmeans +/- standard error. In each box below the diagonal, the uppermost value is the model estimate, the middle value is the z-ratio, and the bottom value is the P-value. Upper right corner: GLMM type III ANOVA of intra- and interspecific germination rate with Wald χ^2 values for “Maternal Species” and “Paternal Species” (fixed effects) and “Maternal*Paternal” species interaction effect. Shades of light gray denotes a $P < 0.05$, medium gray denotes a $P < 0.01$, and dark gray denotes a $P < 0.001$.