

C x C N _{cross} = 43 N _{total} = 116	167.97 ± 10.73								
C x M N _{cross} = 10 N _{total} = 22	9.16e-05 0.097 1.0	170.59 ± 25.03							
M x C N _{cross} = 12 N _{total} = 25	2.79e-03 4.81 0.0001	-2.69e-03 -2.79 0.12	315.60 ± 43.44						
M x M N _{cross} = 4 N _{total} = 7	2.88e-03 3.24 0.032	2.78e-03 2.37 0.30	9.03e-05 0.10 1.0	324.86 ± 84.50					
M x T N _{cross} = 8 N _{total} = 14	1.14e-03 1.19 0.96	1.05e-3 0.85 1.0	-1.64e-03 -1.66 0.77	-1.73e-03 -1.45 0.88	207.93 ± 38.29				
T x M N _{cross} = 7 N _{total} = 14	4.33e-04 0.40 1.0	3.41e-04 0.26 1.0	-2.35e-03 -2.13 0.45	-2.44e-03 -1.89 0.62	7.11e-04 0.53 1.0	181.14 ± 3.32			
T x T N _{cross} = 14 N _{total} = 37	2.13e-04 0.28 1.0	1.21e-04 0.11 1.0	-2.57e-03 -3.28 0.028	-2.66e-03 -2.58 0.19	-9.32e-04 -0.85 1.0	-2.20e-04 -0.18 1.0	174.19 ± 19.71		
T x C N _{cross} = 25 N _{total} = 75	1.49e-03 2.87 0.09	-1.40e-03 -1.50 -0.85	-1.29e-03 -2.30 0.34	1.38e-03 1.58 0.82	-3.46e-04 -0.36 1.0	-1.06e-03 -0.98 0.99	-1.28e-03 -1.73 0.73	224.05 ± 17.80	
C x T N _{cross} = 24 N _{total} = 60	-1.81e-04 -0.27 1.0	-2.73e-04 -0.27 1.0	-2.97e-03 -4.25 0.0007	-3.06e-03 -3.15 0.043	1.33e-03 1.28 0.94	-6.14e-04 -0.53 1.0	3.94e-04 0.4 1.0	-1.27e-03 -2.57 0.20	163 ± 14.48
	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

	Likelihood Ratio χ^2	df	p
Maternal Species	21.80	2	1.84e-05
Paternal Species	0.10	2	0.95
Maternal*Paternal	2.81	4	0.59

C N _{cross} = 77 N _{total} = 198	167.13 ± 10.12		
M N _{cross} = 24 N _{total} = 46	2.30e-03 4.12 <0.0001	271.34 ± 31.18	
T N _{cross} = 46 N _{total} = 127	7.42e-04 1.34 0.373	1.56e-03 -2.61 0.024	190.78 ± 15.24
	C	M	T

Table S10. Pairwise differences in seed set 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: GLM type III ANOVA results of intra- and interspecific seed set with likelihood-ratio χ^2 values for “Maternal Species” and “Paternal Species” (fixed effects) and “Maternal*Paternal” species interaction effect. Below ANOVA table: pairwise differences driven by maternal species. Shades of light gray denotes a $P < 0.05$, medium gray denotes a $P < 0.01$, and dark gray denotes a $P < 0.001$.