

**Table S1.** Log-likelihood (lnL) and Akaike information criterion (AIC) scores of models of evolution tested for rachilla and inflorescence.

Model	Rachilla		Inflorescence	
	lnL	AIC	lnL	AIC
ER	-16.90	35.84	-25.44	52.93
ARD	-12.51	38.21	-17.67	48.53
SYM	-16.59	35.84	-23.59	51.33
Custom*	-13.88	34.09	-18.39	38.84

\* Custom models were different for rachilla and inflorescence.