

**Table S2:** Full model: Explanatory variables used in the multivariable modelling procedure. Response variable:  $\log_{10}$ -transformed number of occupied grid cells. Explanatory variables: phylogenetic covariates, main effects of traits and trait interactions.

Phylogenetic covariates	Principal coordinate 1 Principal coordinate 3
Main effects	Growth form Pollen vector Life span Ploidy Shoot metamorphoses Length of flowering season End of flowering season Number of floristic zones
Interactions	Growth form × Ploidy Growth form × Length of flowering season Growth form × End of flowering season Pollen vector × Life span Pollen vector × Ploidy Pollen vector × Length of flowering season Pollen vector × End of flowering season Life span × Ploidy Life span × Length of flowering season Life span × End of flowering season Ploidy × Shoot metamorphoses Ploidy × Length of flowering season Ploidy × End of flowering season Shoot metamorphoses × Length of flowering season Shoot metamorphoses × End of flowering season Length of flowering season × End of flowering season