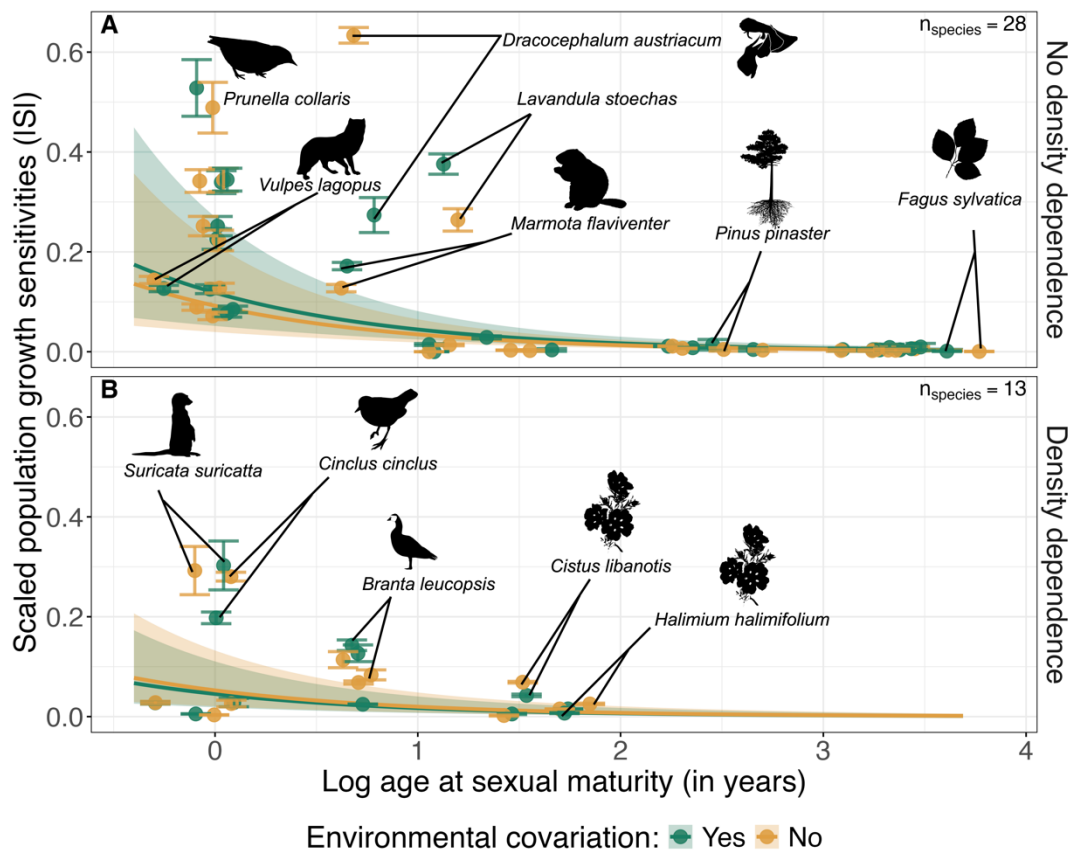


**FIGURE 1**



**Figure 1. Scaled sensitivities of population growth rates to climate,  $|S|$ , are lower when accounting for changes in population density under climate change.** Sensitivities are shown for species where density effects were not modeled explicitly (A) or were added (B) as covariates in vita-rate models. Different colors indicate sensitivity analyses under full environmental complexity (covariation with other drivers considered when perturbing a focal climate driver in vital-rate models) or reduced complexity (keeping other drivers as their average values when perturbing a focal driver). The lines represent predicted  $|S|$  over a range of ages of sexual maturity. The shaded areas indicate 95% model prediction intervals (see Table 1 for model coefficients). To aid visualization, the points show the observed sensitivity values of each species and perturbation scenario averaged over all perturbed climatic drivers and all resampled  $|S|$  under parameter uncertainty; with error bars showing the standard error. Figs. S9-S11 show the full distributions of resampled values per species. We labeled some example species across different life histories and taxa. Note that the points for a given species on the x axis are slightly separated so that error bars don't overlap.