

Greenup Plots

Kara Dobson

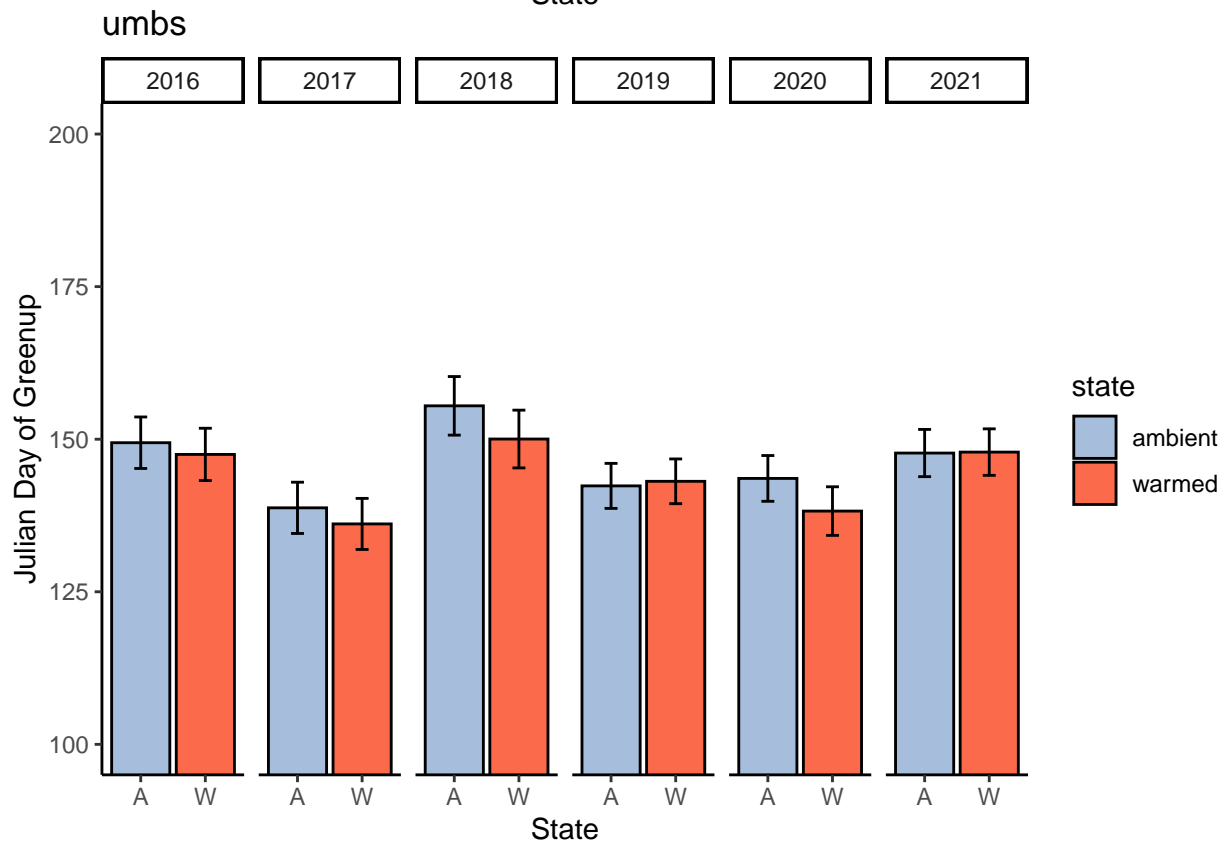
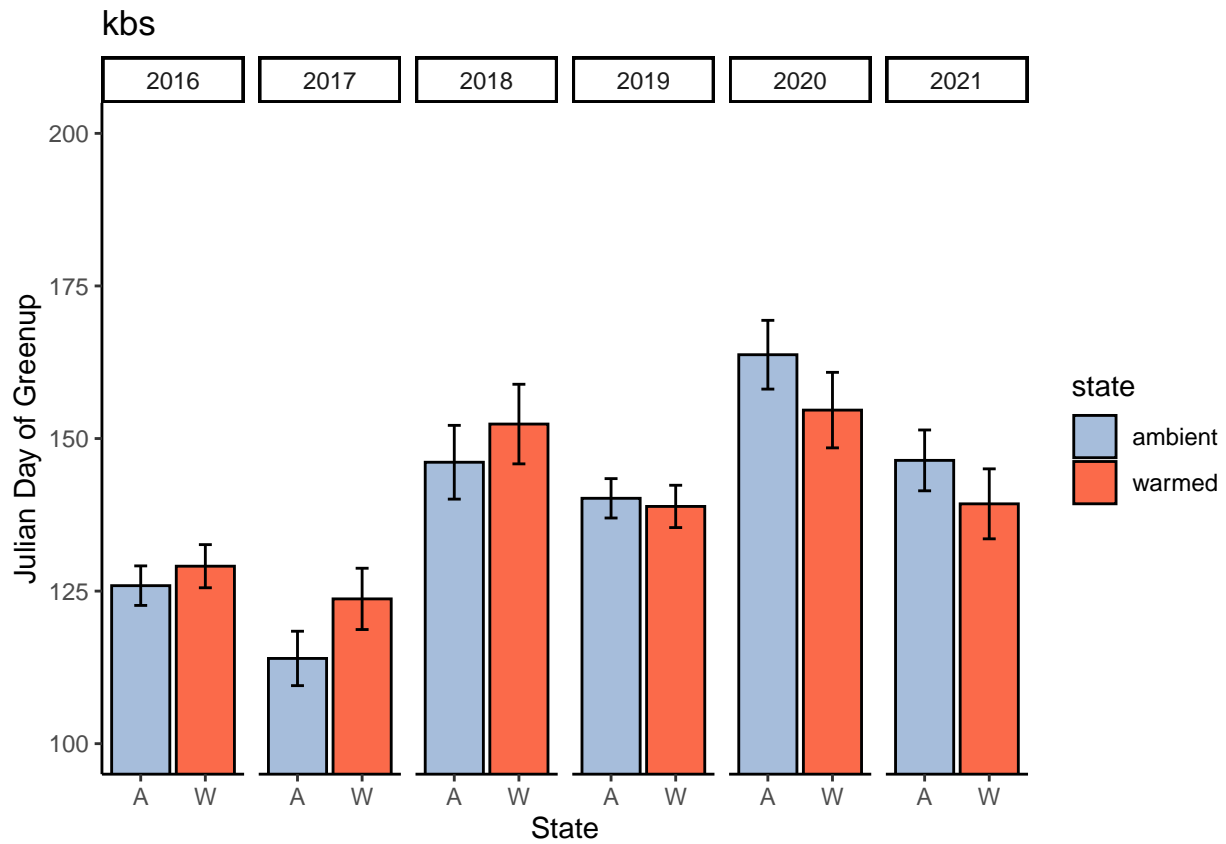
January 19, 2022

COLLABORATORS: Phoebe Zarnetske, Mark Hammond, Pat Bills, Moriah Young

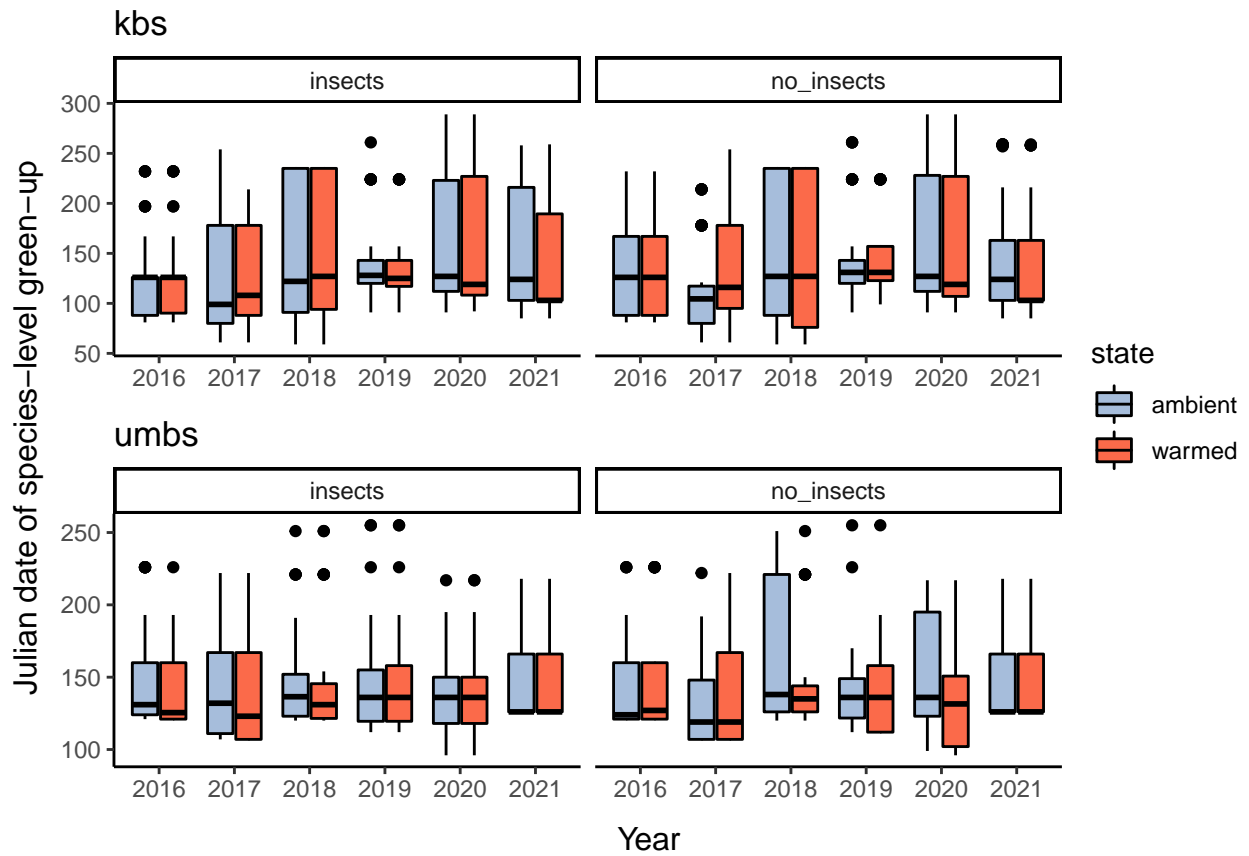
DATA INPUT: Plot and species level greenup files from warmX Google drive

DATA OUTPUT: Plots of greenup at KBS and UMBS - Rmd and PDF located in Github folder PROJECT: warmXtrophic

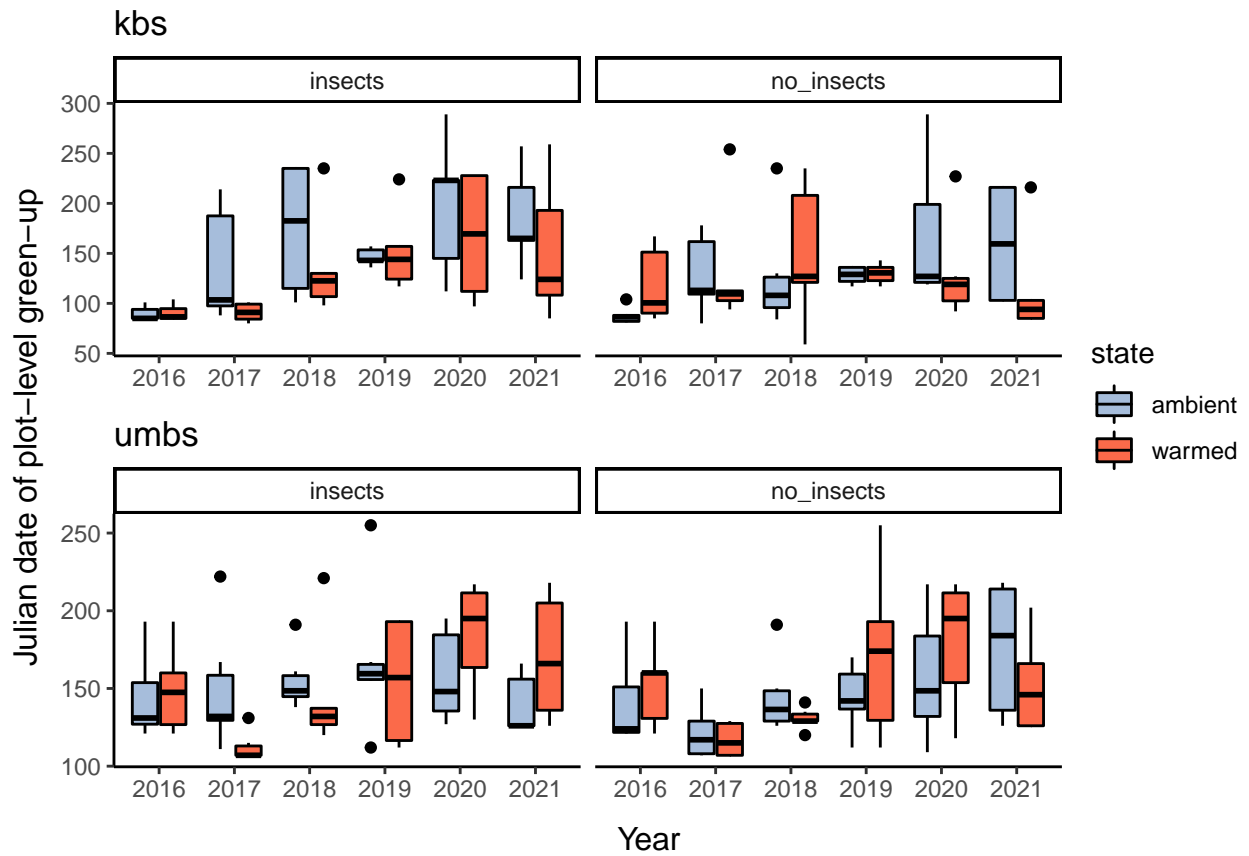
Bar plot for greenup for KBS and UMBS - Species half cover date



Box plot for greenup for KBS and UMBS - Species half cover date



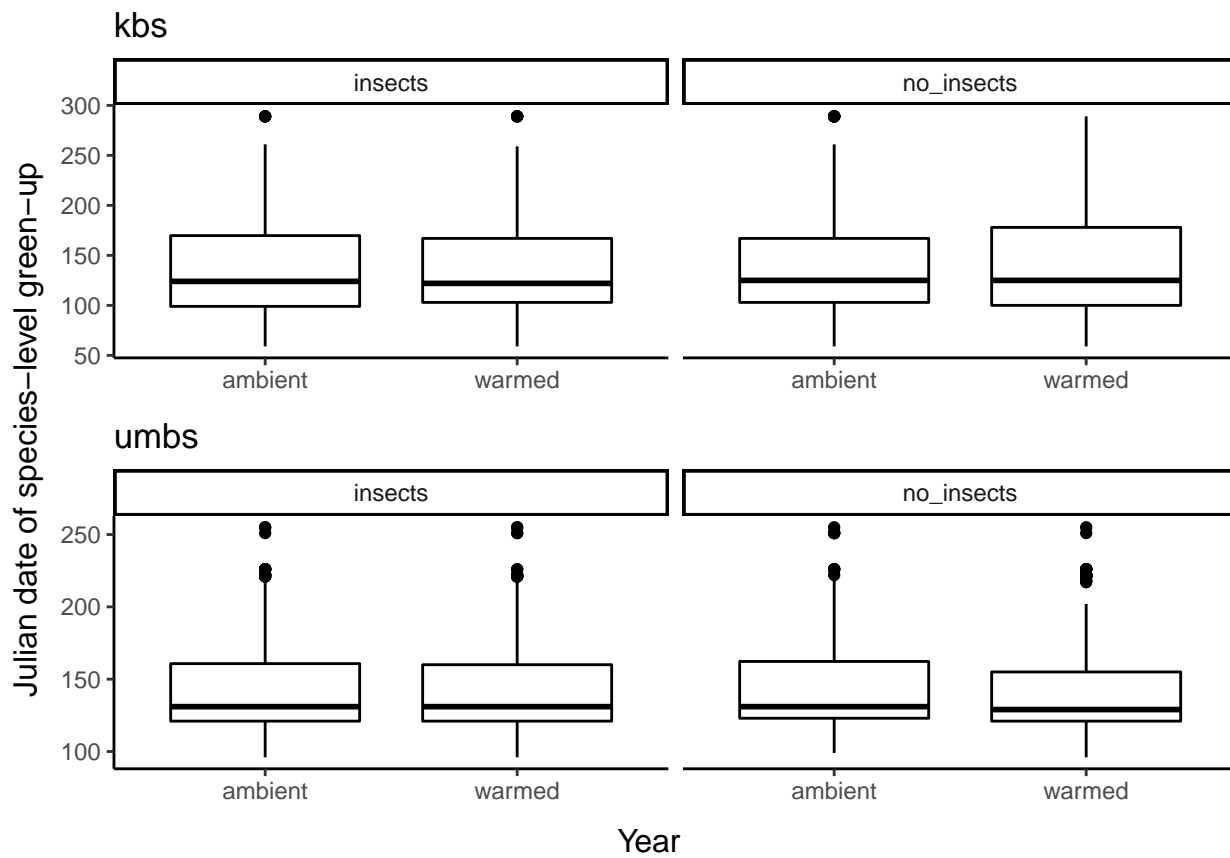
Box plot for greenup for KBS and UMBS - Plot half cover date



Averaging greenup over all years - plot level

```
## pdf
## 2
```

Averaging greenup over all years - species level

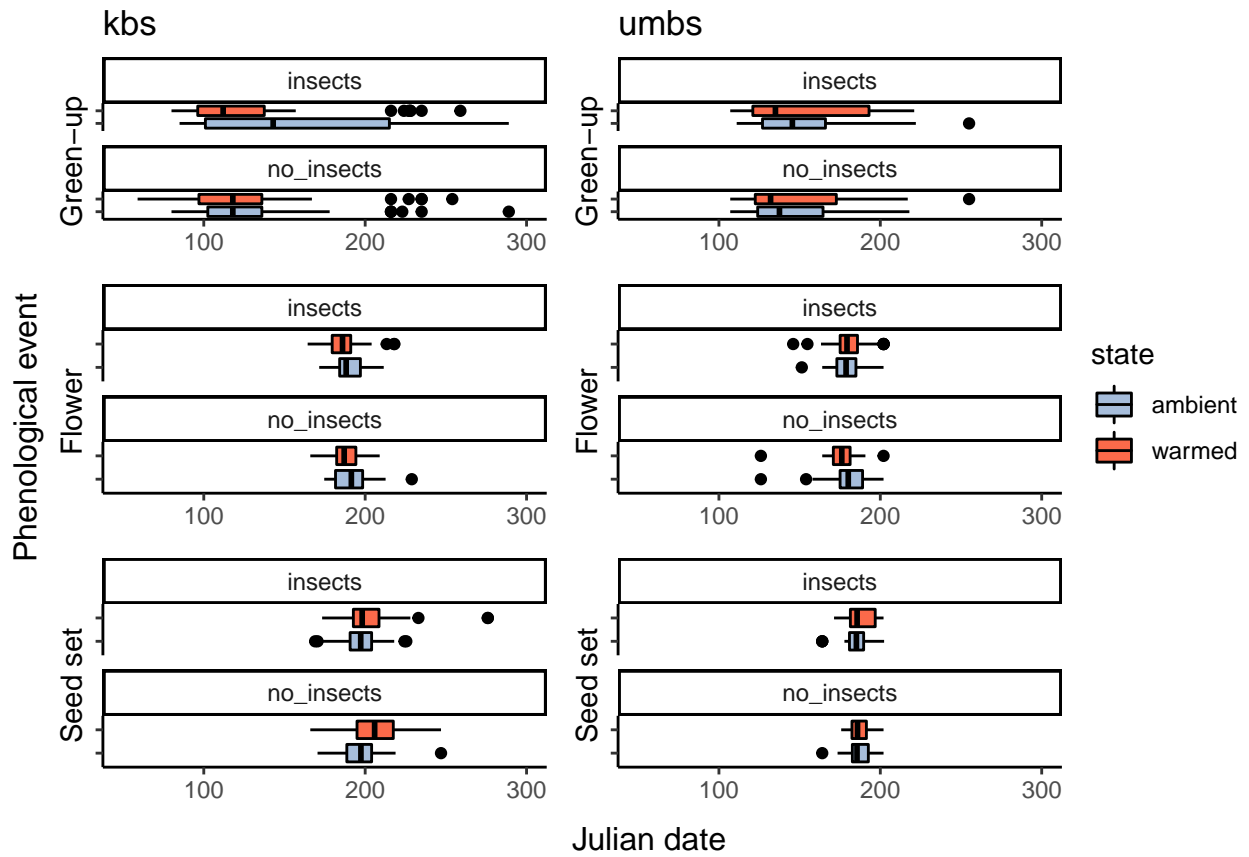


Combining greenup, flower, and seed into one figure - plot level

```
## pdf
## 2
```

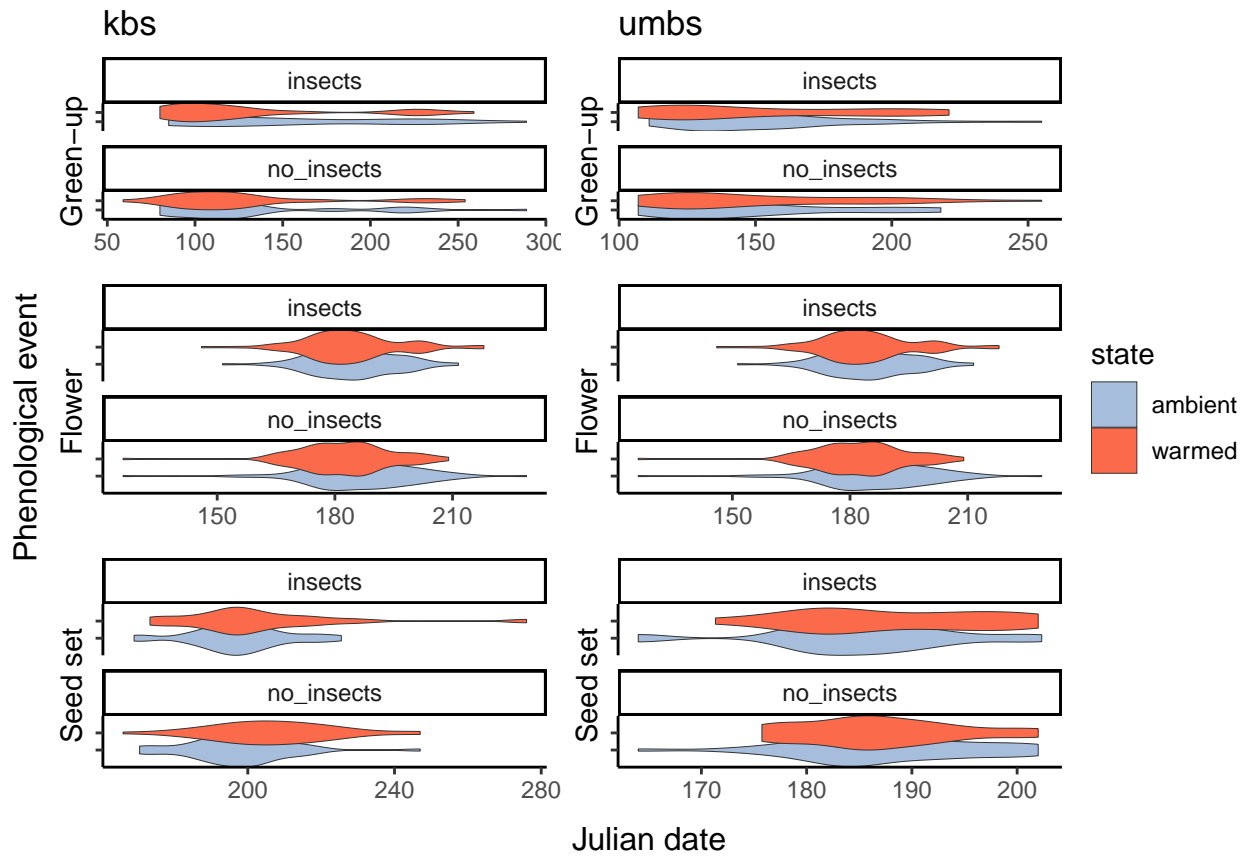
Combining greenup, flower, and seed into one figure - plot level

Swapping axis

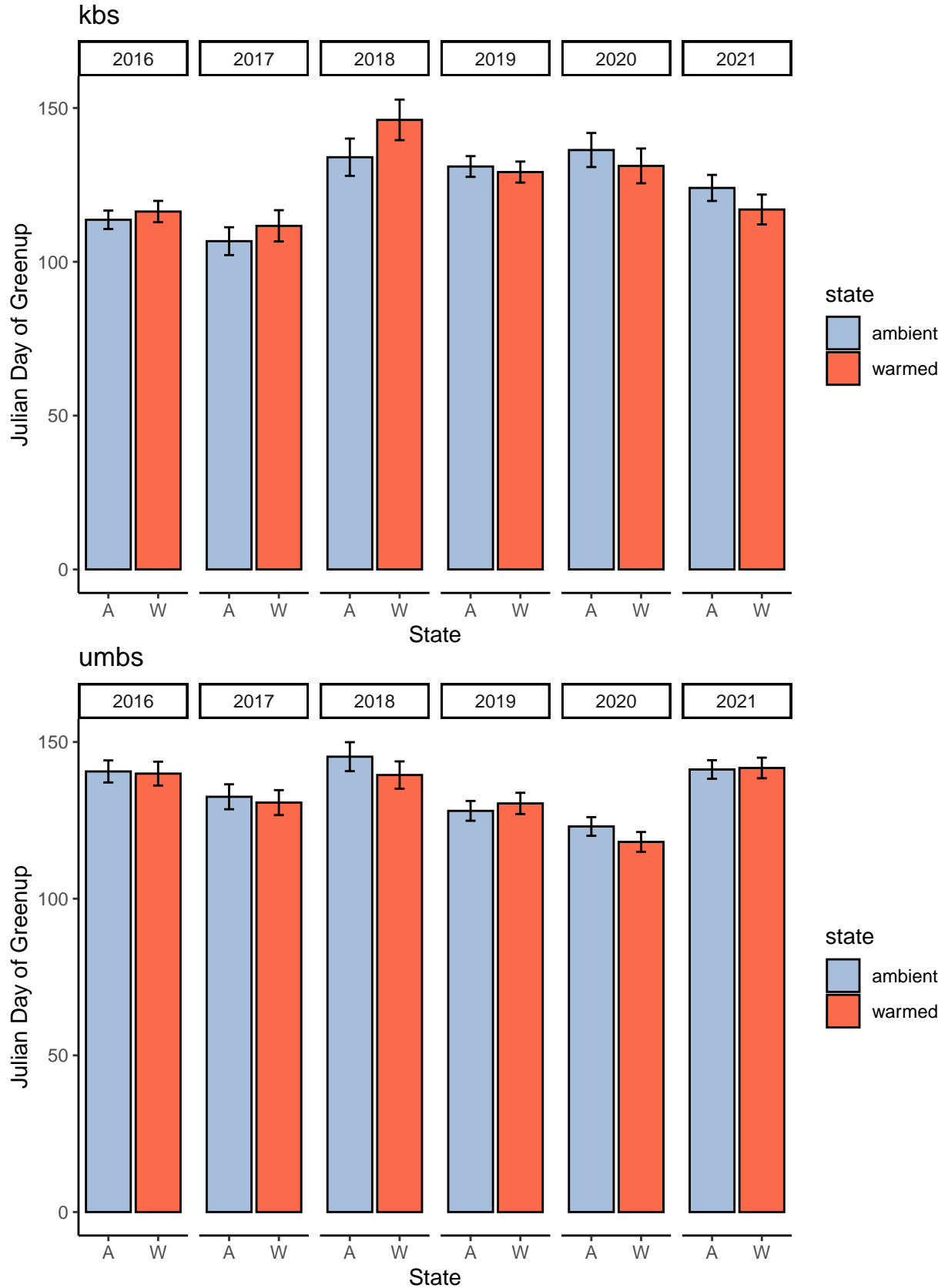


Combining greenup, flower, and seed into one figure - plot level

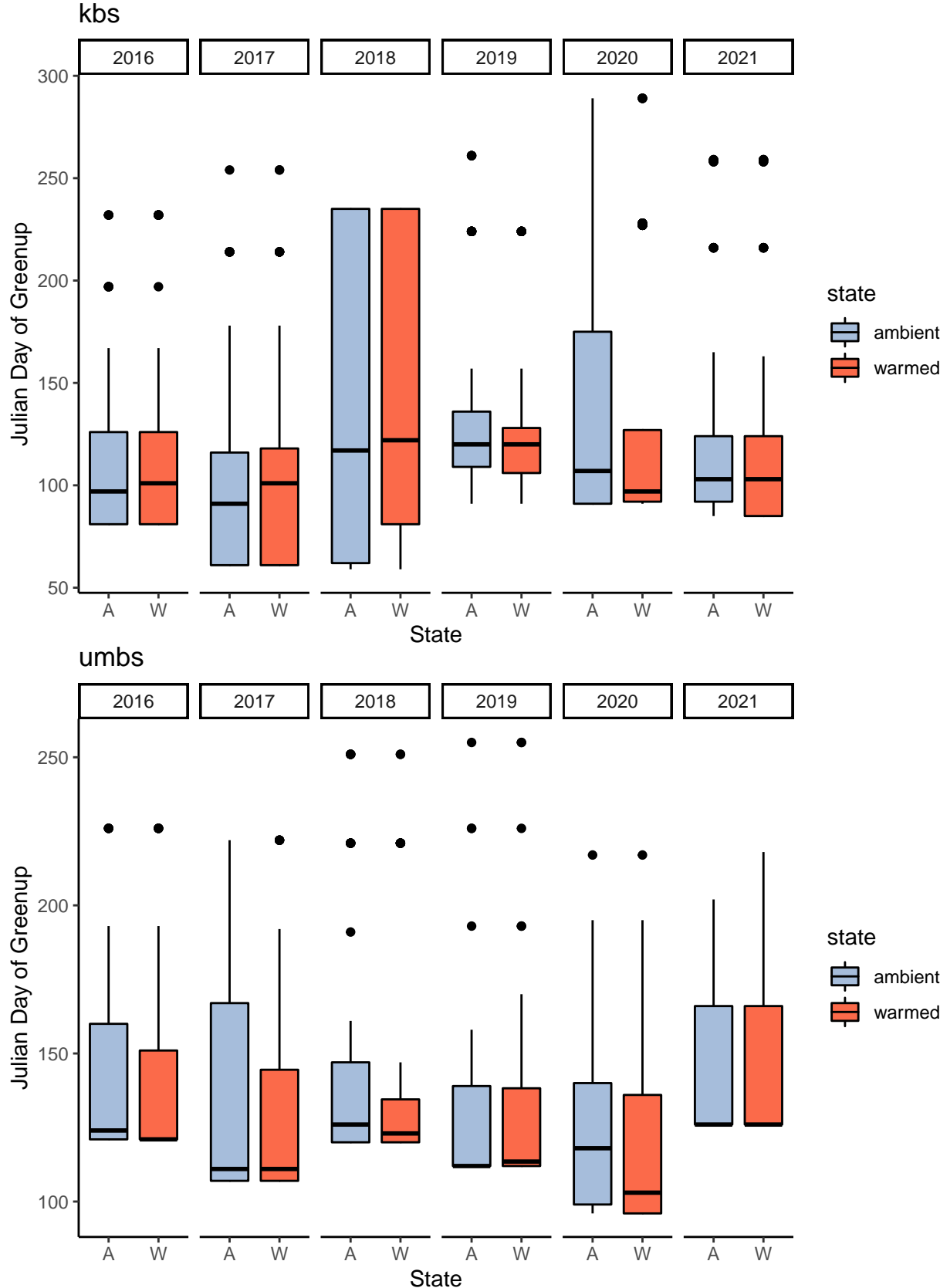
Violin plot



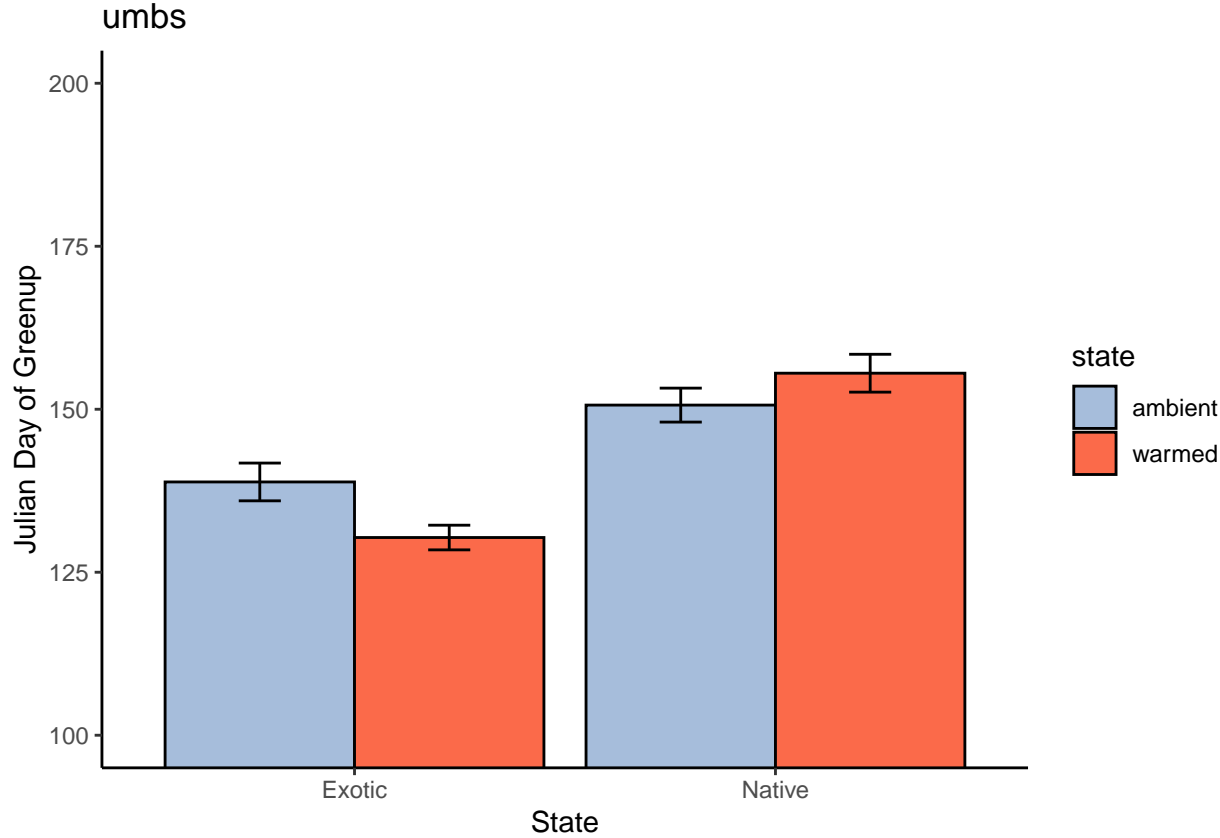
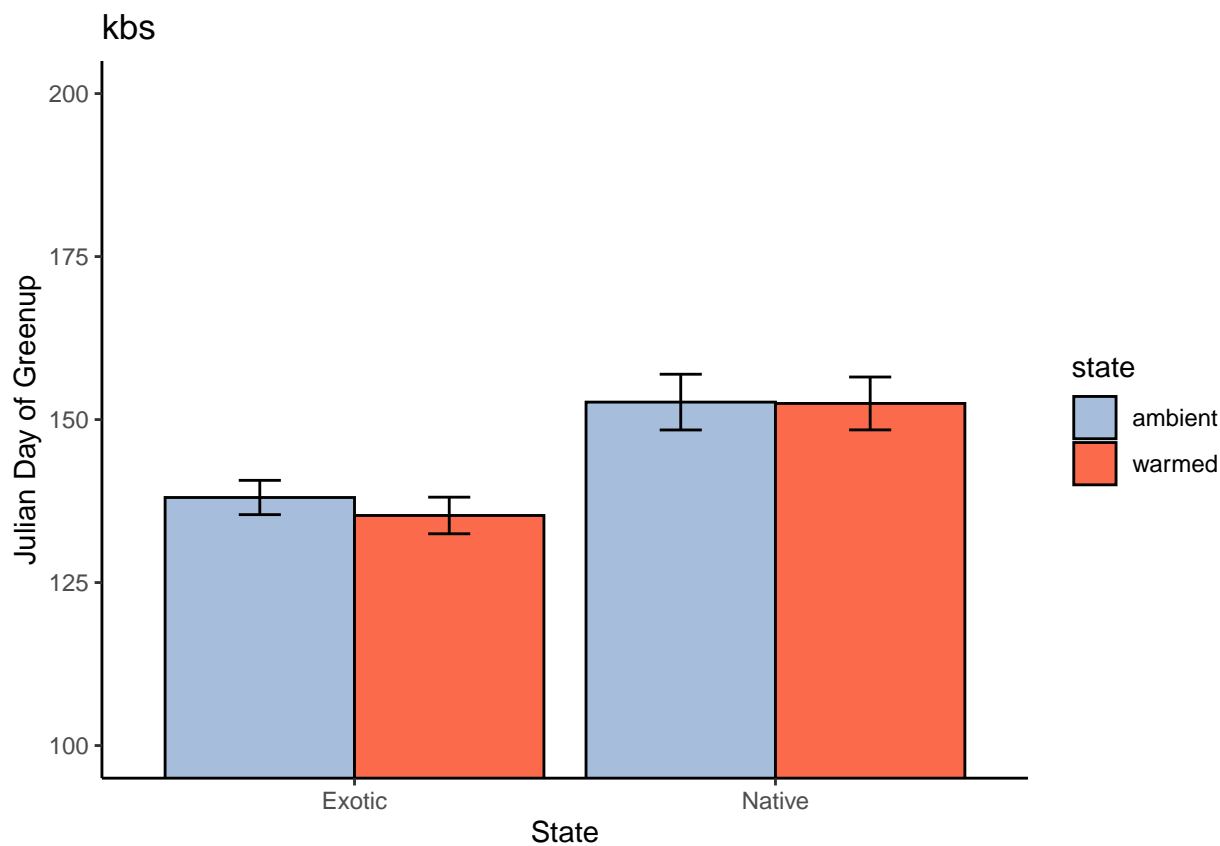
Bar plot for greenup for KBS and UMBS - Species min cover date



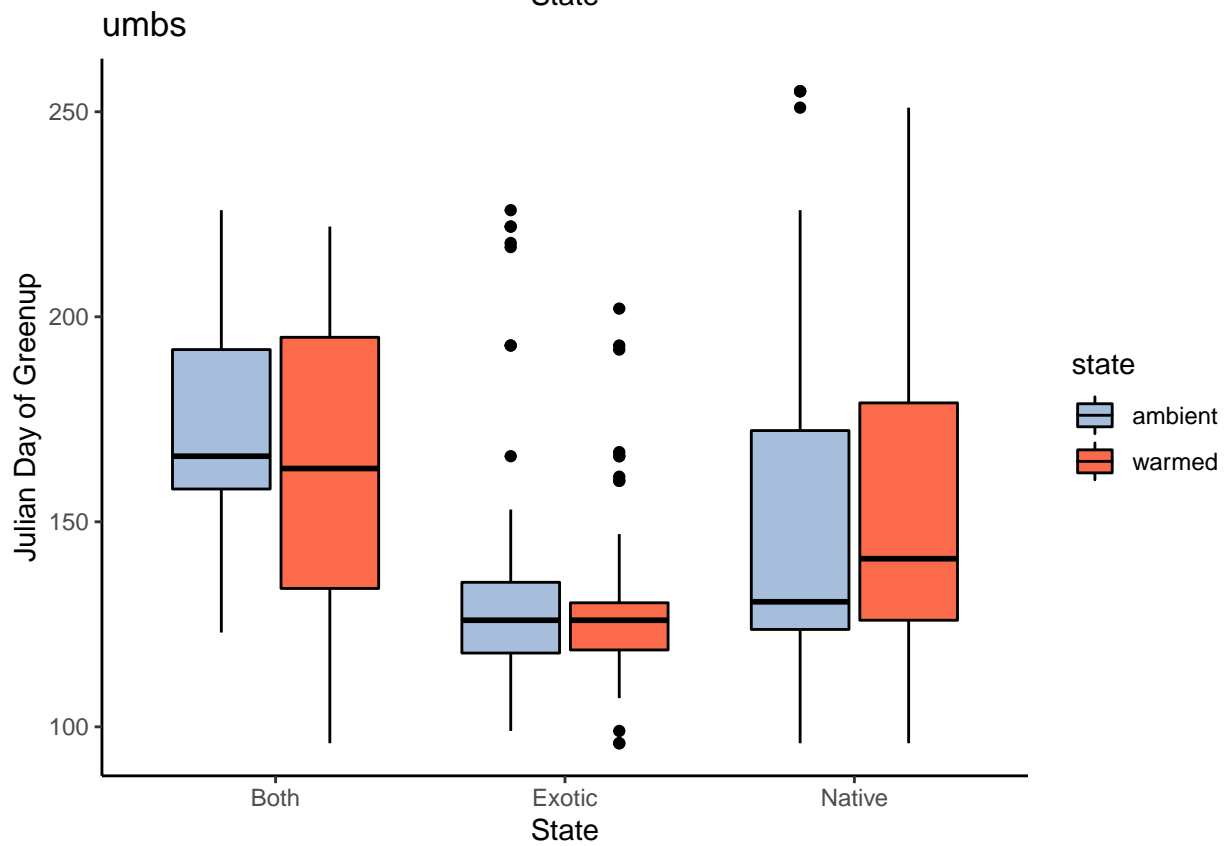
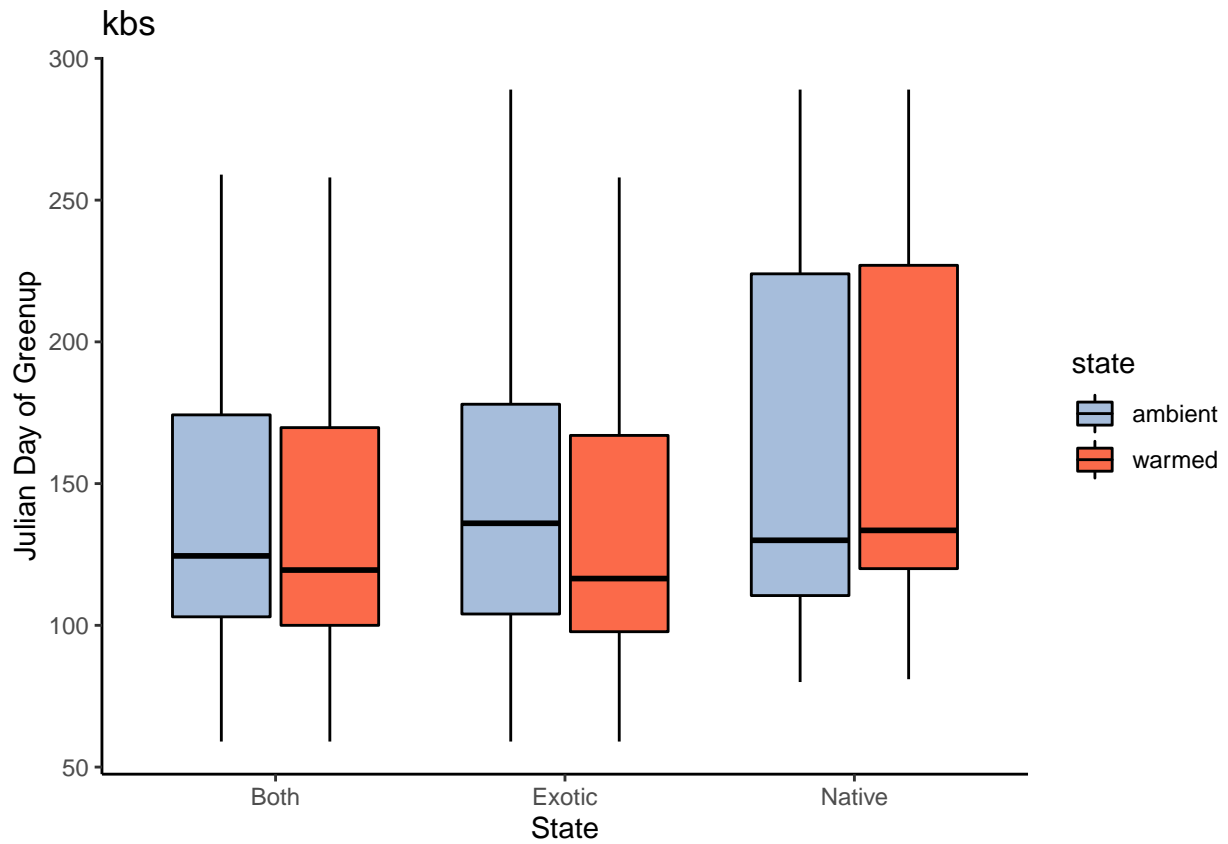
Box plot for greenup for KBS and UMBS - Species min cover date



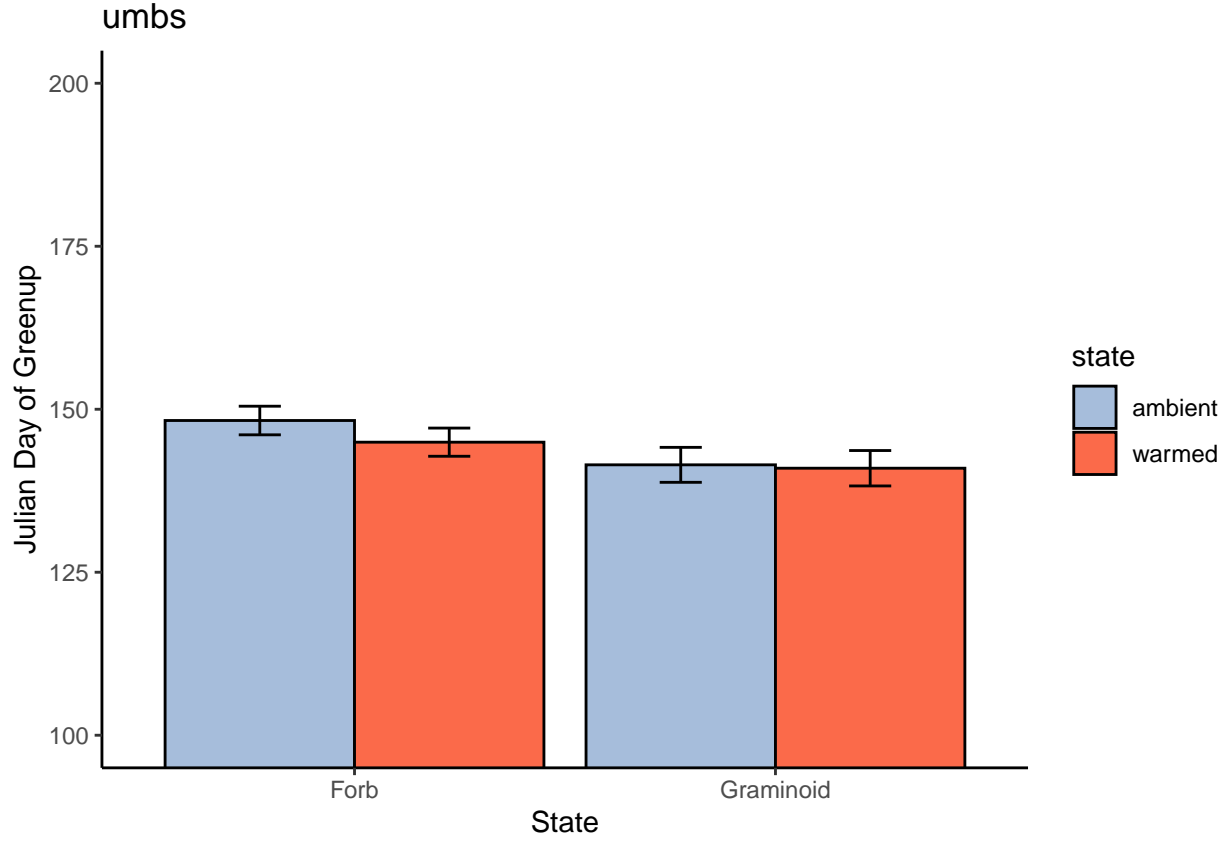
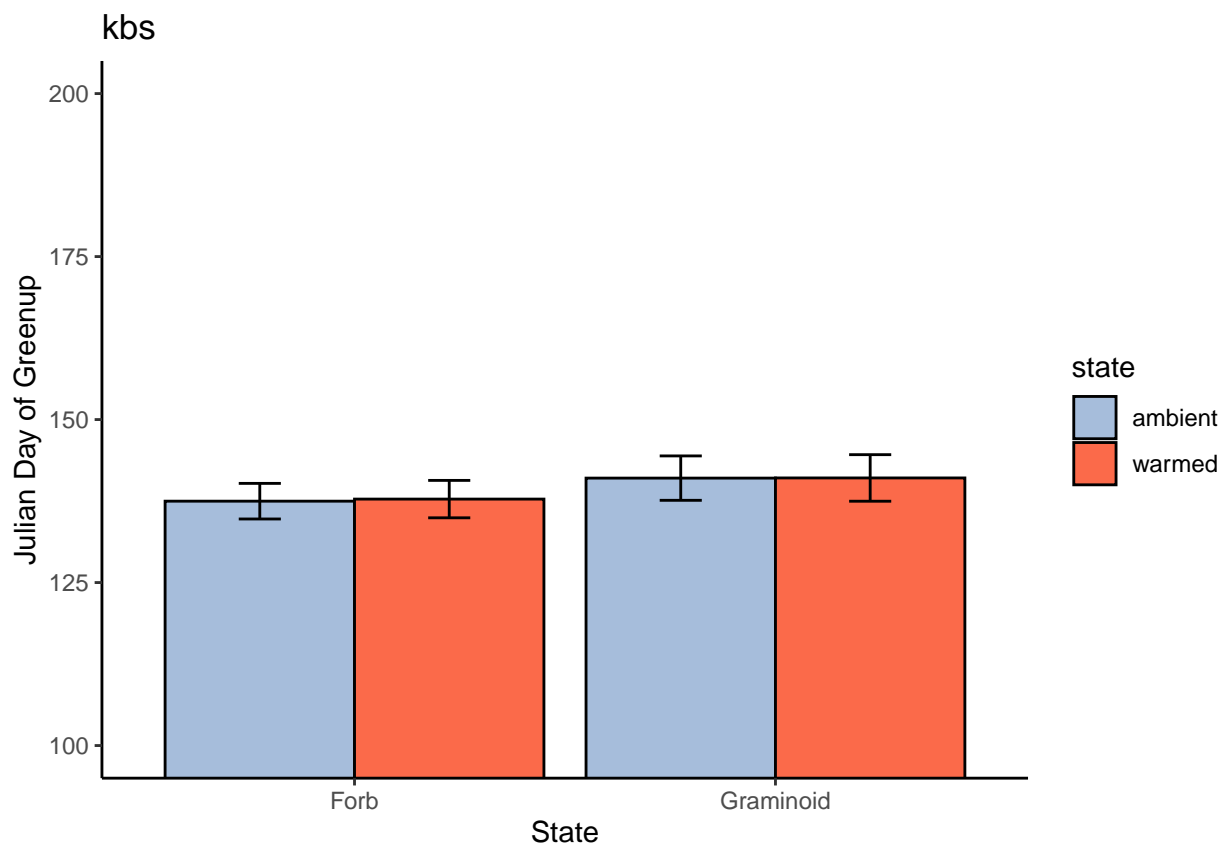
Plot for warmed vs ambient greenup between native and exotic - Species half cover date



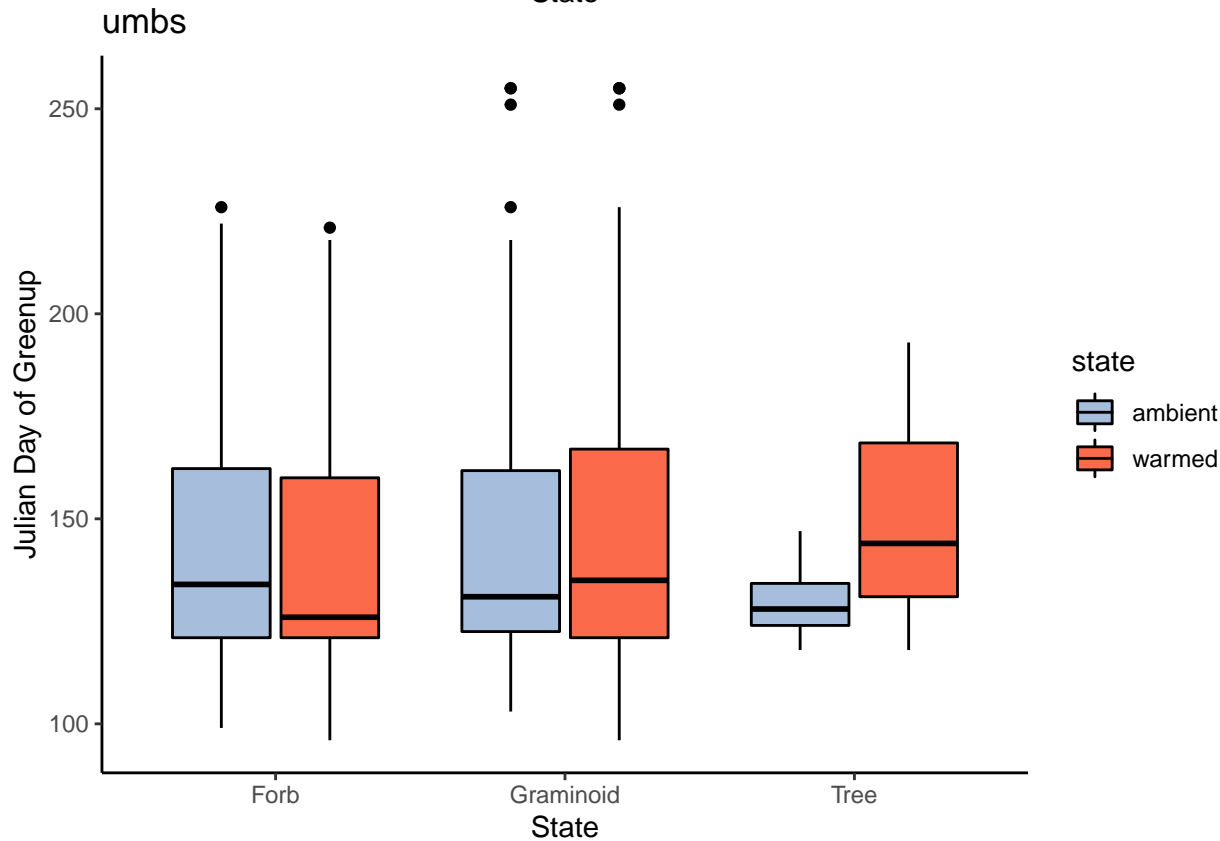
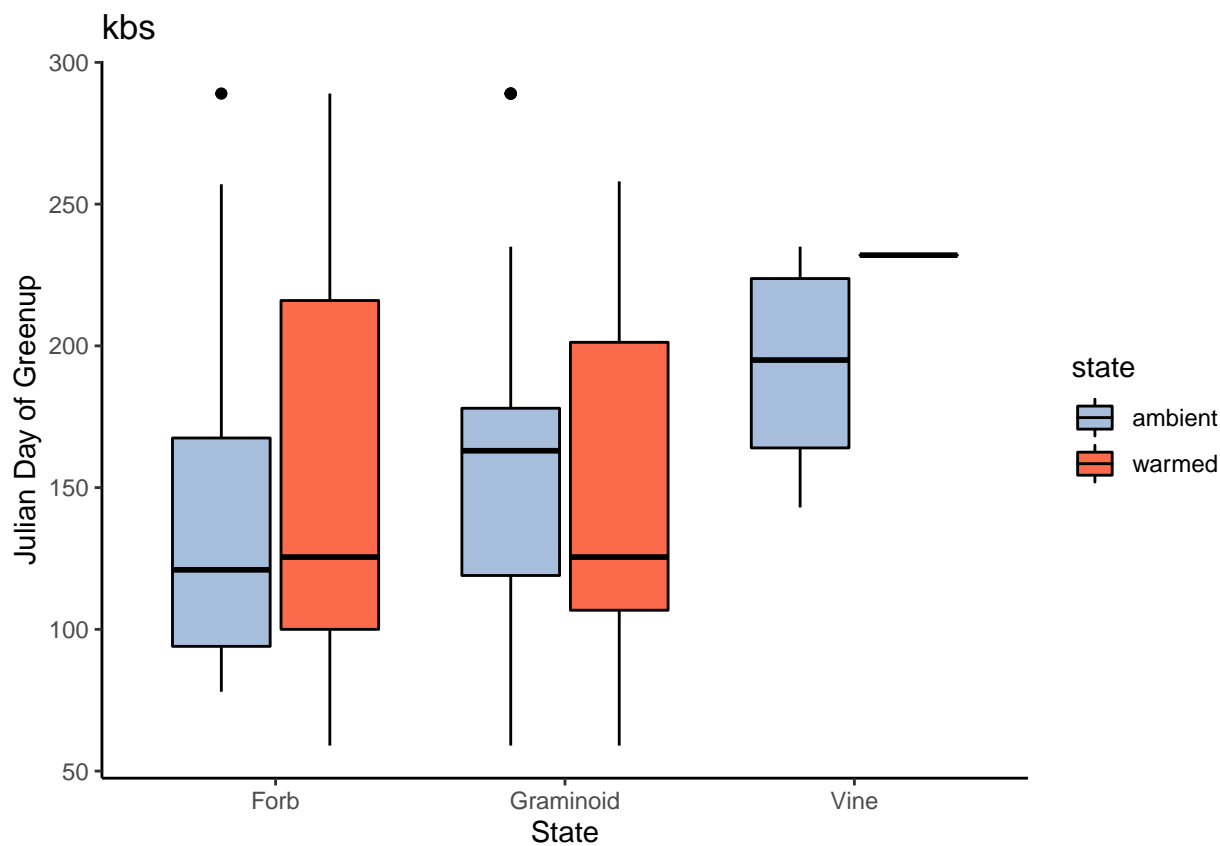
Plot for warmed vs ambient greenup between native and exotic - Plot half cover date



Plot for warmed vs ambient greenup between growth types - Species half cover date



Plot for warmed vs ambient greenup between growth types - Plot half cover date



Greenup plot for a given site and species - half cover date

Ex: Soca at KBS, Cest at UMBS

