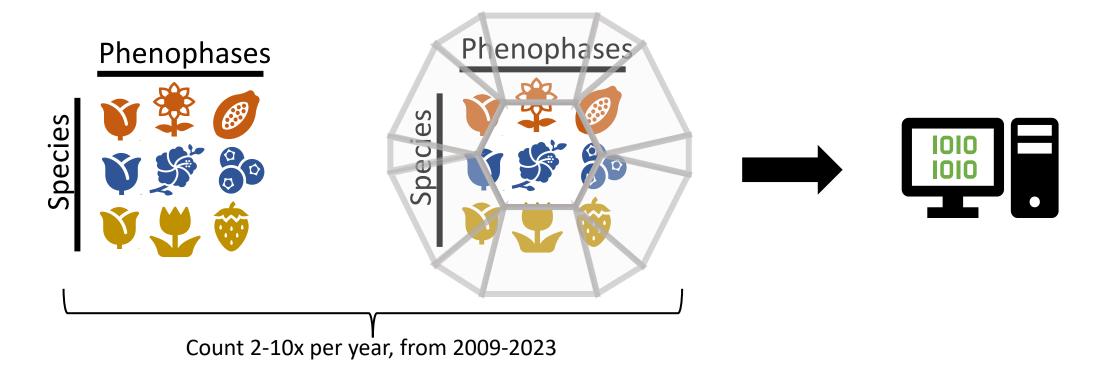


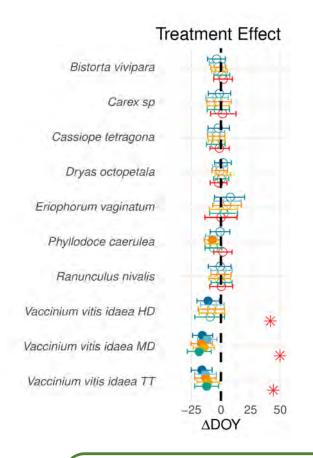
## Phenology and reproductive effort in Arctic tundra plant species exposed to passive warming

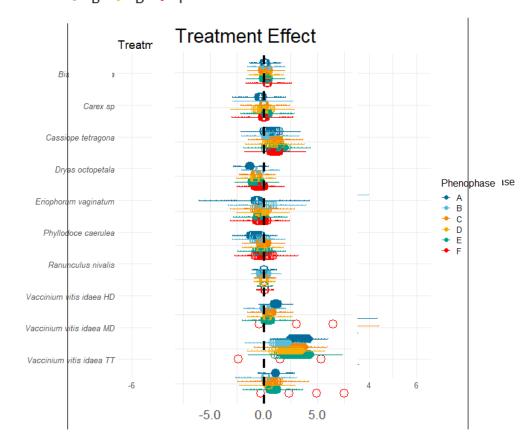
Aurora Patchett, Ruud Scharn, Cole G. Brachmann, Ulf Molau, Anne D. Bjorkman, Robert G. Björk, and Mats P. Björkman

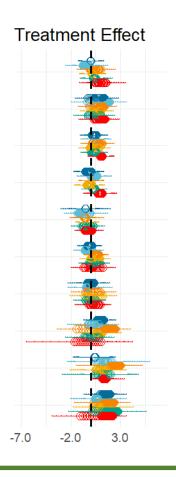


Snapshot phenology of timing and abundance of 6 phenophases related to reproduction for 8 common Arctic species was collected between 2009-2023. This data was used as input for generalizable Bayesian models which allowed us to assess the impact of passive warming, as well as change over time, on the timing and abundance of these phenophases.









redhithe abundance of each phenophase in all plots Messimules abofutlanate ien OTCs tended to increase in Button the ferror of treatment effects as was memorial incomplimate in the phenophases declined over times valor in the tussock tundra community had except for in Eriophorum, t treatment differencetween OTC and control plots

Phyllodoce and Ranunculus