**Background temperature paper**

48 species common to the

1. Climatic distance from experiment to the core of distribution

climate space of the whole distribution. Then take the warmest quantile and then make the distance between the observation/experiment for every year and species

2.

notes from the meeting

Hypo from Lizzie:

Drier soil may delay phenology… ?

increasing convergence in temperature sensitivity

also look at the twenty last years for observations because maybe much less sensitive than before… (because of the lack of chilling)

**For a same species!! so that if observations are made really away from the experiment, climate might be totally different and we may situate at different part of the curve…**

Temporal scale:

* Very simple look in the observation data at the sensitivity by discarded all the data earlier than 1990’s

non linearity effect

* discard all the cold spring years… and compute the thermal sensitivity on mid and warm springs
* calculate the thermal sensitivity using cold spring over average springs and between average and warm springs (using for instance 1/3 quantile)

Temperature background

* count how many days in winter have minimum temperature ranged between 5-8°C in both experiments and in situ data…

Carry over effect?

* carry over affect in observations that does not exist in the warming experiment: earlier flushing leads to earlier senescence which in turn lead to earlier dormancy induction and so earlier flushing

do we use good temperature for observations ??