**List of data cleaning & summarizing to do:**

* Go through data and create a data summary for each trial
  + Check lat/lon – make map of sites
    - * Done-Map code
      * 2 entries don’t make sense, Jacob still needs to check for errors in the data
  + Review experiment comments & highlight issues to discuss
    - Viner (trial #11) to filter out, because of salinity issues
      * Not Done, waiting to talk about it/ look at survival for 11 vs others -see trial 11
  + Number of prawns at beginning of experiment vs. at end (how many were lost?)
    - * Done -per trial analysis
      * Still getting negative loss (gained prawns) for one trial but Jacob doesn’t know why
  + Number of treatments for each trial
    - * Done-per trial analysis
      * Couple weird single treatments (“n” “t” “100”), Jacob needs to correct these
  + Number of unbanded prawns at end of trial (treatment = NA)
    - * Done - per trial analysis
  + Length distribution figures (to inform whether it would be reasonable to impute data
    - * Done- per trial analysis
  + Number of prawns by stage
    - * Done-per trial analysis
  + Numbers of scavenged vs. dead prawns
    - * Done-per trial analysis
* Data cleaning:

Summarise each data type and check for data entry errors (outliers, typos, etc)

* + Create unique trial/individual ID (can use ‘paste()’ function)
    - * Done-Combined data code
  + Add initials of data person in additional column
    - * Done-Combined data code
  + Filter out trials with salinity issue (Viner and Echo Bay)
    - * NOT DONE
* Figures to generate:
  + Size distributions by stage
  + Stage distributions by treatment
  + Bias in missing prawns (e.g., do some treatments have higher loss than others?)

**Other do’s:**

* Outline current plan for analysis and outstanding questions or decisions to be made
  + Random effects vs. fixed effects
  + Options for dealing with missing covariate data (length, stage)
  + Write out equations for the binomial model
* Outline of things to discuss at lab meeting (could start working on lab talk)

**Remaining Problems:**