Report brainstorming

1. General specs
   1. Time axis for entire season, leave white space to the right of the data
   2. Try to get the overall summary on 2 pages
   3. Week is the most useful unit of time
   4. Sync week to the project week
2. Overall summary
   1. Overall project report (Data quality assessment)
      1. Figure of milkweeds measured per week so far
         1. Target line
      2. Milkweeds measured by student, ranked barplot
      3. Figure of mean time per milkweed observed
      4. Table of missing plants per week
      5. Maps
         1. Where were monarchs this week, by stage?
            1. Animate these maps for the end-of-year report?
         2. Cumulative map of monarch numbers
      6. Phenology-ontogeny landscape
   2. Figures of milkweed population and growth
      1. Estimated total stem length by week
      2. Estimated total stem cross-sectional area by week
   3. Figures of monarch population and growth
      1. Stage counts by week, various formats for this
3. Individual reports
   1. General specifications
      1. Each individual report on a new page
      2. Try to keep each individual report to 1 page
      3. Use names, listed as name.1, name.2, name.2 to generate student reports. w/o trip report
      4. Observation time per plant(in future)
   2. Basic stats
      1. Total time in the field
      2. Total number of milkweeds observed
      3. Total number of monarchs observed
      4. Mean time per milkweed
      5. Milkweeds assigned?
   3. Individual figures
      1. Figure of number of plants measured by week, separated by status, compared to target
      2. Figure of number of monarchs observed by week, separated by life stage
      3. Figure of monarchs per plant observed, by week compared to weekly average
      4. Figure of time per plant, by week compared to the weekly average