**Questions for John**

* In the Fahey/Battles paper are the measures of biomass derived or measured? The paper indicates that they are extrapolated using Whittaker’s equations. Doesn’t that make these measurements ineligible for looking into for this project?
* Some of these datasets are from different locations – i.e. Whittaker 1968 is from Brookhaven Leaves most important in terms of biology
* Do species really matter, can you put them into classes?
  + Grouping by successional class
  + Sugar maple have across all the age classes – see species differences
  + Trying to distinguish
  + Bayesian?
  + Volume as a predictor? - dimensionality is consistent
  + Essentially about nutrient cycling – NPP
    - Monitoring question – 3 different ways of doing it broadly
  + Quest site
  + Come up with a few more questions before diving into the data.
  + How to propagate uncertainty
  + What is the best predictor
  + Leaf area vs biomass

**Questions for Perry**

* How to model individual tree age when not measured directly. Is this significant at all? Could assume some distribution aroung stand age given all stands are even-aged.
* Exploratory data analysis
  + Make a bunch of summaries and exploratory figures of the data.
  + Not just moving through the content of the project but doing it in a way that keeps Perry and John along for the ride.
  + RMarkdown document where I lay it out in terms of the number of species and stand ages – how do they overlap?? Are they fully crossed? Make histograms of each of the variables, response variables.
  + Break out the histograms by species or by stand age
  + Make a bunch of figures of each of the biomass variables against each of the explanatory variables, use color shading to represent more variables –ggplot2
  + get a feel for the data
* Fitting models:
  + Let’s suppose that I already know which response variable I want to use, and which explanatory variable I want to use – how do I decide the form of the model?
    - Transforming, nonlinear, nonparametric (spline), what degree of challenge are looking at?
  + How do we pick explanatory/response variables
  + Suppose we have the family of models, for a given response variable, how do we decide which combination of \_\_\_variables are best. Vis versa, how do we decide which response variables are best predicted by the explanatory variables.
  + How to decide if there are differences
* in NY, Fatemi is from Bartlett and WMNF