OUTLINE: METHODS

1. ADFM
   1. Tadpole guts were removed, remains placed in foil boats
      1. Guts removed so gut contents could be inspected.
   2. Foil boats and tadpole remains were weighed before combustion
   3. Drying oven to 105 C for 24 hours
   4. Combustion occurred at 500 C for 1 hour
   5. Ash free dry mass was calculated for each specimen by removing foil boat’s weight
   6. Calculated to nearest 0.1 mg
   7. Weights and gosner stage were associated with a sample ID number
2. Linear regression
   1. Gosner stages from field data (?) used to predict AFDM by fitting to power function y=3E-07^5.2696
   2. Predicted AFDM from model used to find means, standard deviations, variations of each cage number within each lake
3. Analysis
   1. Tests for normality
   2. Heterogeneity of variance,
   3. split up lakes to look at differences more closely
   4. ANOVA
   5. lmTadMF  looked at predicted AFDM as a variable of competition between tadpoles and mayflies ,
4. Results
   1. Lake 1: Tadpole presence is significant without mayflies… (need to add to this)
   2. Lake 2: no significant relationships found (?)