Announcements:

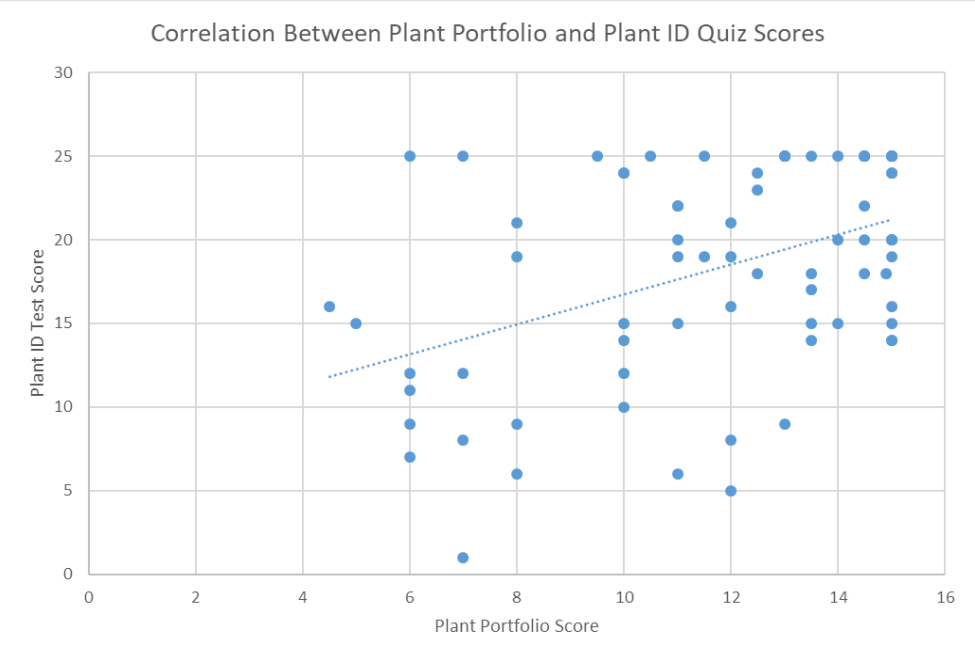
Stream Macroinvertebrate Posters Extension Due Date

Course Syllabus has been entered as a Z if missing

Objectives:

- Students will be able to create a summary table for a large data set
- Students will be able to make a bar graph from a summary table
- Students will be able to describe the four main functional feeding groups of aquatic macroinvertebrates

Plant ID Quiz:



If you didn't do well on the plant quiz, here's one possible reason why ...

Brick Pack Study Final Report:

- Takes the form of a standard scientific paper

- Introduction: Question
  Background information
- Methods: What we did
  Materials
- Results (our current focus): Numbers, Pictures } of our data
- Discussion: 1. Answer our question
  2. Statistical analysis
  3. Hypothesize a testable reason

Making a Bar Graph from our Data:

Organize your data into a table that looks like this:

Habitat Type:	Average Diversity:
Oregon Ash	(Calculate from
White Alder	the class data
Deep	for all three
Shallow	biology classes)

Create a bar graph from this summary data table.

1. Make a new sheet in your spreadsheet
2. Copy the habitat information to the new sheet
3. Copy and "Paste Values" the diversity calculation to the new sheet
4. Create the summary data table outline
5. Sort your information by water depth
6. Highlight the diversity for each water type and enter the average in the data table
7. Sort your information by leaf type
8. Highlight the diversity for each leaf type and enter the average in the data table
9. Create a bar graph from your summary data table (adjust the axis scale if necessary)
10. Neatly and professional format your summary data table and graph