Rubric for paper for final project.

Biol 638/738

Due December 12, 2017

Ranges for numbers of words are guidelines

120 points total

1. Background on biology of question to be answered (200-300 words, **12.5** points)
2. Clear statement of question to be answered or hypothesis to be tested (10-50 words, **5** points)
3. Description of methodology – code written, publicly available data obtained (100-300 words, **15** points)
4. Clear and logical description of results (200-1000 words, **12.5** points)
5. Clear and logical description of conclusions with discussion of limitations or caveats of conclusions (100-300 words, **10** points)
6. Clear and logical description of the next steps in the project, were you to continue it. (50-200 words, **5** points)
7. Productive use of R, legible code on github: include link, if multiple files, describe what the different files are (**10**), and code should be annotated (**10** points)
8. Data presentation – at least two plots in R, except by consultation (**20** points)
   1. Accurate description of each plot: 2.5 points each
   2. Does the plot show what it claims to show? 2.5 points
   3. Clear and legible, with clear axes, heading, etc.: 5 points