

Type up your individual answers to the following questions. *Although you will be basing your answers on the group work you did in class, you must submit your own answers in your own words.* Submit your completed report to Blackboard. Each answer should be comprised of complete sentences, but please be brief (*maximum* three sentences per answer, except for #5). At the top of your report, include both your name and name(s) of your lab partner(s).

1. **What THREE (alternative) hypotheses did you come up to study termite behavior? Provide the null hypothesis for each and clearly indicate which one you tested.**
2. **What did you predict the data would look like if your...**
 - a. **Alternative hypothesis were true?**
 - b. **Null hypothesis were true?**
3. **Briefly explain your test design. This discussion should address the following questions (this answer should be longer than the rest):**
 - a. **What were your treatment and control groups, and how did they differ?**
 - b. **What are the primary dependent and independent variables in your experiment?**
 - c. **What confounding variables, if any, did you consider when designing this test? Were you able to account for these or not in your experimental design?**
 - d. **How did you incorporate replication?**
4. **How did your results compare to the original predictions you made? Do you results support your alternative hypothesis or not?**
5. **If offered the opportunity to redo this experiment, how would you change and improve upon your experimental approach? If you cannot think of any ways, explain why your experiment was sufficient to test your hypothesis.**