

Rubric for Ecology Lab Reports

The rubric should only be used **after** you've written the paper to ensure you've included all important information.

Overall Paper

- No spelling errors
- No grammatical errors
- Good readability
- Ecology Instructions to authors followed
- Rubric attached

Abstract

- Hypothesis stated
- Methods summarized
- Results summarized
- Interpretation of Results

Introduction

- Background information presented (with references) 1 2 3 4
- Hypothesis stated
- Predictions of hypothesis presented
- Importance of study addressed
- References Appropriate 1 2 3

Material and Methods

- Experimental design described (including sample sizes)
- Data collection procedures described (sufficient detail so that experiment can be repeated)
- Statistical Analyses described

Results

- Data summarized and results of statistical tests included
- Figures and/or Tables included and labeled correctly
- Plots of significant results

Discussion

- States hypothesis was correctly accepted or rejected
- Results interpreted in light of other studies 1 2 3 4 5
- Discusses what factors may affect the accuracy of results in this study
- References Appropriate 1 2 3

Literature Cited

- Correct format for literature cited page followed
- Correct format for in-text citation