

PROPOSAL CHECKLIST

- Contains informative title and name.
- Contains all headings and subheadings: Research Question, Biological Interest, Hypotheses/Deductions, Considerations (Adequate Sample Size, Controlled Variables), Methods (Dates/Times, Location, Sample, Data Collection, Data Analysis), and Results.
- Research question(s) clearly given in one sentence with a question mark at the end.
- Biological Interest clearly given so that the reader understands the biological factors being studied and is interested in finding out the results.
- Null and alternative hypotheses clearly given. The Null hypothesis is the one that states that there is no significant difference.
- Deductions clearly given in terms of statistical results.
- Considerations regarding sample size and controlled variables clearly given.
- Methods include proposed date(s) (including year), time(s), and location(s) (including nearest town).
- Methods include at least 8 hours of data collection.
- Methods include placement and size of sample areas, etc.
- Methods specify exactly what data are to be collected.
- Methods specify how all data will be collected.
- Methods specify how all data will be summarized and analyzed (statistics to be used).
- Results include a sentence referring reader to Table(s)/Graph(s).
- Sample data table(s)/graph(s) provided in Results.
- Tables/graphs are completely labeled (including units).
- Table(s)/Graph(s) have complete captions. A complete caption contains what the data are (including units and sample size when necessary), when the data were collected, and where the data were collected. If statistics are used in the table/graph then the statistics used are mentioned.
- Other comments