**Ecology Report Recipe Exercise**

***Let's bake a delicious aquatic insect cake!!*** We will build the basic structure of our report following the guides below.

**\*Develop a succinct definition of each report section under the General Outline. Then provide specific key points that will be included in our report for each section.**

**You will complete this as a group. But, you must upload an individual copy to the D2L assignment folder for participation marks. You should refer to journal articles found on** [**https://esajournals.onlinelibrary.wiley.com/**](https://esajournals.onlinelibrary.wiley.com/)**. Pick any article as reference. There is also a complete breakdown of a journal article in the ‘Rules for Writing a Formal Report’ located on D2L.**

# Introduction:

**General outline for a typical intro (remember start broad and narrow to more specifics):**

**Key points for OUR study. This should include the background info required for the report. Be specific here and include all major concepts that may be looked at:**

# Study Area and Methods:

**General outline for a typical methods section:**

**Specific details needed for OUR report:**

1.

# Results:

**General outline for a typical results section:**

**Specific results/figures needed for OUR report (you may want to revisit this question at the end):**

# Discussion:

**General outline for a typical discussion section:**

**Specific details for OUR report:**

# Abstract:

**General outline for a typical abstract:**

**Specific details for OUR report:**

# References:

**Provide examples of appropriate reference sources. Are they primary sources?**

**Each group member must provide at least one reference that is appropriate for OUR study (in APA format):**

**What are some examples of plagiarism?**

# Developing a Research Question:

**Refer to our data file for information**

**What abiotic factors are available for our study?**

**What biotic information do we have available for your study (be specific)?**

**How can our insect data be interpreted to create different categories of insect abundance?**

**Combine the factors above to create research objectives for your report. Many studies have several objectives, asking subsequently more detailed questions with each new objective. Create at least four questions. Questions should (likely) include both biotic and abiotic factors. \*Complete this task individually.**

**Start by writing the objective(s) out by hand.**

1. **The objective of this study is \_\_\_\_\_\_**
2. **The objective of this study is \_\_\_\_\_\_**
3. **The objective of this study is \_\_\_\_\_\_**
4. **The objective of this study is \_\_\_\_\_\_**

**Data summary!!**

**Copy and paste a figure for your report data below:**