**Three Types of Field Investigation Questions**

**Comparative Questions**

In comparative field investigations data is collected on different groups to make a comparison. Comparative questions focus on one measured variable in at least two different (manipulated variables) locations, times, organisms, or populations.

* Is there a difference in \_\_\_\_\_ between group (or condition) A and group B?
* Is there a difference in \_\_\_\_\_ between (or among) different locations?
* Is there a difference in \_\_\_\_\_ at different times?

**Descriptive Questions**

Descriptive field investigations involve describing parts of a natural system. Descriptive questions focus on measurable or observable variables that can be represented spatially in maps or as written.

* How many \_\_\_\_\_ are there in a given area?
* What is the (temperature, speed, height, mass, density, force, distance, pH, dissolved oxygen, light density, depth, etc.) of \_\_\_\_\_?
* When does \_\_\_\_\_ happen during the year? (flowering fruit, babies born)
* Where does \_\_\_\_\_ travel over time? (What is an animal’s range?)

**Correlative Questions**

Correlative field investigations involve measuring or observing two variables and searching for a pattern. Correlative questions focus on two variables to be me measured and tested for a relationship.

* What is the relationship between variable #1 and variable #2?
* Does \_\_\_\_\_ go up when \_\_\_\_\_ goes down?
* How does \_\_\_\_\_ change as \_\_\_\_\_ changes?