

# **Noyes Project Initial Research**

## *Field Ecology*

Over the course of the next several months, you will be conducting a scientific study in the Noyes property. You will spend part of this fall coming up with a research plan; you will conduct your data collection and analysis in the spring during 2<sup>nd</sup> semester.

Today, you will start this process by working INDIVIDUALLY do a small amount of research into your question. Here are the specific steps you should follow:

1. Brainstorm at least 6-8 factors that might interact in the Noyes Property. Think about factors that are actually present at the Noyes property and that you really believe might interact with each other. At least one of your factors should be a plant – so that you know you will have something that is easy to find and investigate.
2. Do a small amount of internet research on at least three of your factor – enough to write about one paragraph worth of information for each of the things you are looking at in your question. You do not need to formally cite your sources, but include a list of websites that you used for your research following each question. Focus on ideas such as:
  - a. Where are the factors located in the environment? Where are the factors located in the Noyes property? What type of habitat do the factors require?
  - b. If it is an organism, what eats the factor? What does the factor eat?
  - c. How does the factor affect plants or animals?
  - d. How is the factor affected by non-living aspects of the environment such as rainfall, sunlight, water quality, or air pollution?

When you are done, please submit your work through Showbie.