

# Willamette Valley Ecology Research Questions

## *Field Ecology*

Today, you will do some introductory research related to the Willamette Valley Ecology. This research will relate to the projects that you do throughout the year on the Crescent Valley campus and at the Noyes Property. Background research is the first step of carrying out any actual project.

Using information from the web, answer each of the following questions. Each of your answers has to use complete sentences and be at least one paragraph that fills up around ¼ of a page (single-spaced). You need to include a list of references following the answer for each question, using the APA format outlined on this web site:

<http://citationmachine.net/index2.php?reqstyleid=2>.

1. Why are native plants an important part of Willamette Valley ecosystems?
2. How can non-native plants cause problems for Willamette Valley ecosystems?
3. What are Oak Savanna landscapes and why are they such a rare environment in the Willamette Valley?
4. How do Fender's Blue Butterfly and Kincaid's Lupine interact with each other?
5. What are some of the advantages and disadvantages to using fire as a tool to create and maintain oak savannah landscapes?

Your level of effort and focus will be considered when your work is graded.