

Introduction to the term project.

This is an introduction to the term project, with the first assignment – the Literature Report.

Background:

There is a term project for this course, which involves researching the behaviour of one of the animals from lab: green shore crab (*Hemigrapsus oregonensis*), copepod (*Tigriopus californicus*) or brine shrimp (*Artemia salina*). This project involves:

1. literature report
2. experiment proposal
3. experiment performed in lab
4. scientific written report with statistics.
5. findings presented to the class

All of the project is outlined in detail in the activity guide, starting on page 35.

Before starting a study, researchers search scientific literature for background information. What is known about the subject? What are some questions still unanswered? What needs to be known before doing an experiment?

Your experiment will be about your animal's behaviour (swimming, feeding, habitat choice), in response to different abiotic conditions such as levels of salinity or temperature. Therefore, you need to find out about the animals' biology and abiotic conditions in its natural habitat.

The report should be 500 words (2 pages typed double-spaced), not more. Please read the literature report requirements on page 35 and 36

of the activity guide <https://sciencerocks.ca/biology-1100-3/term-project/>. You won't need to go to Woodward Library at UBC this term. Our VCC library has lots of good scientific journal databases. I will show you how to search for papers from science journals. The citing style should be Harvard. On my site, there is a Harvard style guide and general guidelines for a scientific report. <https://sciencerocks.ca/writing-a-scientific-paper/>. (Harvard is a citing option in Word).

There are descriptions of the animals on pages, 47, 48 and 49. You should choose the one you would like to study, and write about it.