

During this project you will keep detailed notes in your OWW lab notebook! Each individual student will keep their own lab notebook but students within a group can share data. Data required to be in your lab notebook will be highlighted in red and boxed (just like this!). The notebook will be checked regularly by your lab instructor.

Record in your OWW lab notebook --

Observe the 20 by 20 foot dimensions of the transect marked with four popsicle sticks. Describe the general characteristics of your transect: location, topography. Draw an aerial-view diagram of the transect. Label thoroughly and indicate north, south, east and west. List all the abiotic and biotic components of the transect and indicate their location within the transect. MAKE SURE TO COLLECT A SAMPLE FOR THE HAY INFUSION

Link to OWW

Procedure III: Make a Hay Infusion Culture

Place 10 to 12 grams of the soil/ground vegetation sample in the plastic jar with 500 mLs of deerpark water. Add 0.1 gram dried milk, put lid on the jar and mix it for 10 seconds. Remove the top of the jar and place the open jar in a safe place in the lab. Make sure the jar and lid are well labeled.

Next lab period you will use the Hay Infusion Culture to observe protists and to inoculate agar petri plates for studying bacteria.

Check out what this person found in their Hay Infusion Culture:

