

## Biology 150.04 Introduction to Biological Inquiry

### What does it mean to be a plant?

The week of September 17, 2007

#### Themes for the week:

Evolution - The march to land: mosses  
Data collection methods  
Database searching of the primary literature  
Reading scientific literature

#### Assignments and Activities for the week:

	Activities	Assignments
<b>Tuesday</b> (September 18)	<ol style="list-style-type: none"><li>1. Discuss sexual differentiation expt.</li><li>2. Examine life history of mosses</li><li>3. Collect data from population density experiment - % spore germination (Day 7)</li></ol>	Review Campbell Ch. 29 - mosses  Analysis of sex. differentiation expt. due
<b>Thursday</b> (September 20)	<ol style="list-style-type: none"><li>1. Estimate gametophyte density in pop. density experiment</li><li>2. Database searching workshop Kevin Engel - ARH 124</li></ol>	Find articles for oral report assignment - turn in Tues., Sept. 25

#### Future Dates of Importance:

1. **Materials and Methods** section due  
Thurs., Sept. 27
2. **Results** section due Tues., Oct. 2

## Biology 150.04 Introduction to Biological Inquiry

### What does it mean to be a plant?

The week of September 24, 2007

#### Themes for the week:

Experiment planning  
Scientific writing

#### Assignments and Activities for the week:

	Activities	Assignments
<b>Tuesday</b> (September 25)	<ol style="list-style-type: none"><li>1. Discuss experiment planning - finding good questions</li><li>2. Scientific writing - essentials</li><li>3. Collect data from population density experiment - gametophyte density and % composition (Day 14)</li></ol>	
<b>Thursday</b> (September 27)	<ol style="list-style-type: none"><li>1. Discuss concepts of statistical tests</li><li>2. Statistics Workshop - ARH 124</li></ol>	<b>Materials &amp; methods</b> section due  Read pp. 44-46 in <i>Investigations</i>

#### Future Dates of Importance:

1. Group oral reports Oct. 2 & Oct. 4
2. Quiz on kingdoms, scientific nomenclature, alternation of generations, mitosis and meiosis, mosses, liverworts and C-Fern - Oct. 4