

Project: *Botanical Specimen Pressing*

For this project, you will be *individually* pressing a botanical specimen and presenting it on a piece of paper. This project will span the 2 weeks.



Deadlines

- Pressing process begun by [insert date]
- Pressed and labeled specimen complete [insert date]
- Conference/oral exam [insert date]
- Reflection [insert date]

Pressed Specimen

- Must have three of the four features: stem, leaves, roots, flowers
- Botanical description of each of the three features
- A measure of scale
- Scientific name, discussion of phylogeny
- Common name
- Where and when the specimen was collected

Oral exam

[insert date] will be the last day for students to work on their projects in class. During class, I will call students one at a time to conference with me. You will bring your project so far with you. Be prepared to answer questions regarding the following standards.

- Hypothesize how botanical features in your specimen came to be from the perspective of selective adaptation.
- Identification and discussion of plant anatomy and physiology.
- Discussion of phylogeny and/or genetic variation specific to your plant.