

PHPS_312

Magnified Imaging II

Assignment – Botany

Plant structures

Objective: Photograph no less than 10 views from a living plant using a compound microscope. The views should include photomicrographs taken of the stem, leaf and other relevant structures such as root and root structures. The views should include structures such as micro roots, hairs, or breathing stomata. Try surface replicating, cross section of the stem, increased DOF imaging as methods of sample preparation. Flowers can also be examined.

Purpose: To gain experience photographing challenging samples and in sample preparation.

Assignment:

Produce the requested examples of photomicrographs. Please embed bars scales on your images and submit no less than 10 views using different magnifications where relevant.