

Transect 2: Plant Samples



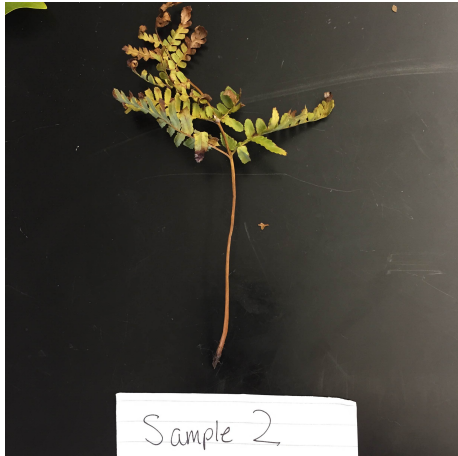
Genus: Angiosperm

Description: 2-4 inch leaves, spear shaped leaves, netlike veins, compound leaves with smooth edges, whorled arrangement on stem, plant 6 ft tall

Vascularization: xylem

Specialized Structures: cuticle, stomata

Reproduction Mechanisms: Dicot



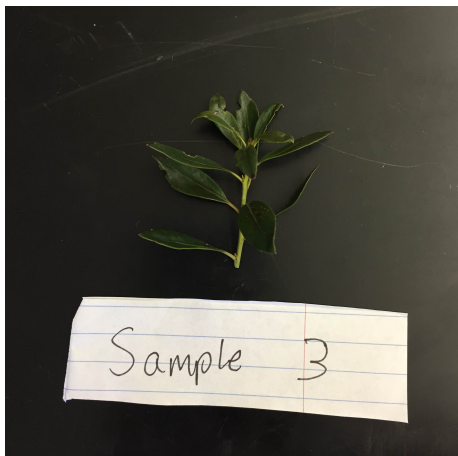
Genus: Lycophyta

Description: leave size few centimeters, netlike veins, spear shaped leaves, compound arrangement, toothed edges, alternate arrangement on stem, plant 6 inches long flat on ground

Vascularization: xylem

Specialized Structures: stomata

Reproduction Mechanisms: Dicot



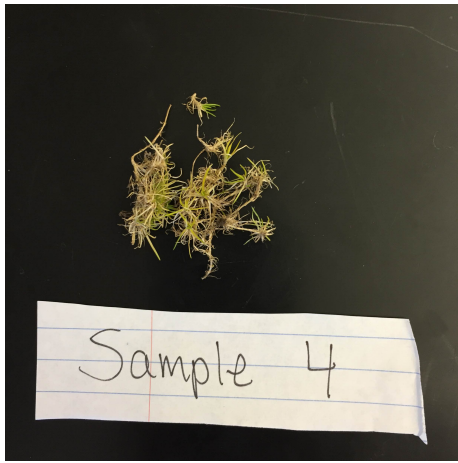
Genus: Angiosperm

Description: leaf size 5 cm, netlike veins, pear shaped leaves, simple arrangement, smooth edges, opposite arrangement on stem, plant 2 ft tall

Vascularization: xylem

Specialized Structures: cuticle stomata

Reproduction Mechanisms: Dicot



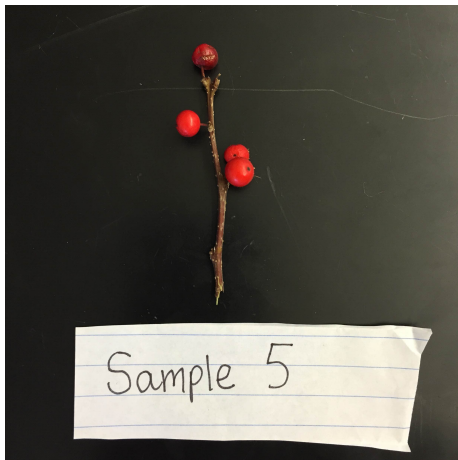
Genus: Bryophyta

Description: plant 12 inches wide, individual pieces/leaves 1-3 cm, circular plant growth

Vascularization: xylem, phloem cells

Specialized Structures: rhizoids

Reproduction Mechanism: haploid cells

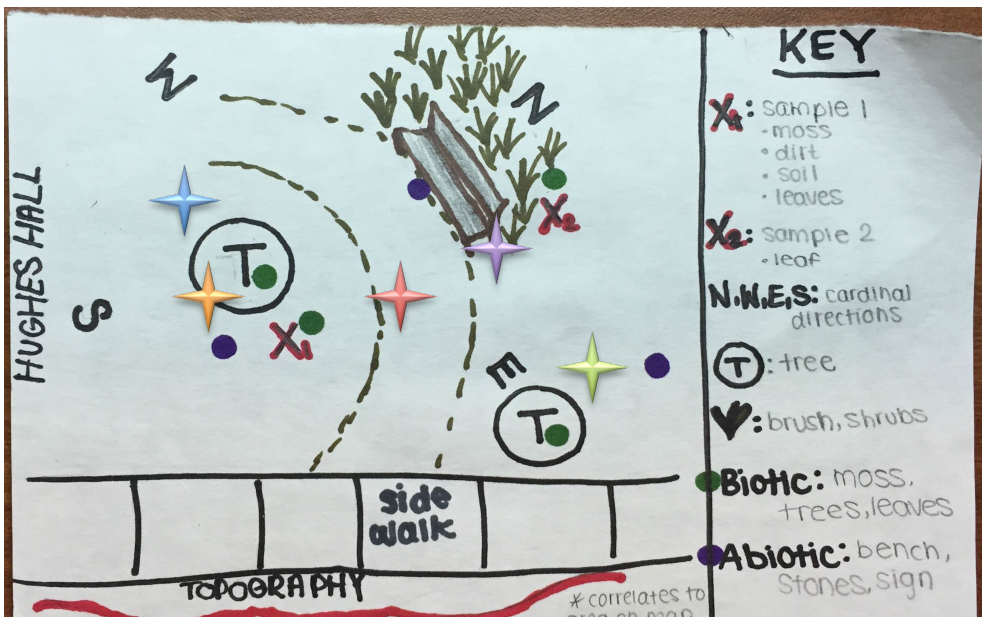


Genus: Angiosperm

Description: plants 5 ft, no leaves present, diameter of berry ½ cm, evidence of possible opposite arrangement of leaves

Specialized Structures: xylem

Reproduction Mechanism: cotyledon



Sample 1



Sample 2



Sample 3



Sample 4



Sample 5

Samples Relative Location on Transect Map

The map given is a prior illustration used in another lab during an examination and sampling. New indicators properly give the location of the samples gathered for this lab (star like shapes).