

BIOL 324

LAB F

I. Preparation

- A. Set up and flag 4 plot posts (+ one sample plot in the forest)
- B. Copy lab exercise sheets
- C. Equipment for each team (4)
 - 1. metric D-tape (not needed in prairie) (3)
 - 2. plot rope (the ones with an end loop and blue, 5 meter, knot) (4)
 - 3. hand compass (4)
 - 4. densiometer (not needed in prairie) + one for me = 4
 - 5. 1 m sq. sampling quadrat (pick up from SC 101 storage room)
- D. Open pavilion for restrooms
- E. Plastic crate for collected Soil Survey books with lab exercise from last week.
- F. 3 copies of densiometer face grid sheet
- G. Bug Dope

II. Set Up Students

- A. Arrive at LL and meet on lawn
 - 1. Turn in Wetland Labs Exercise Sheets & Soil Survey books
- B. Assign Teams & Equipment
 - 1. CC Forest (Emily, Saroj) – densiometer, d-tape, plot rope, quadrat
 - 2. Woodland (Jacob, Crystal, Maleena) – densiometer, d-tape, plot rope, quadrat
 - 3. Savanna (Laci, Mia, Jill) – densiometer, d-tape, plot rope, quadrat
 - 4. Prairie (Issac, Jill) – plot rope, quadrat
- C. Distribute exercise sheets & densimeter face grid graphic

III. Introduction – “we will visit these habitats in later labs and talk about specific indicator spp. and soils”

A. Refer to restoration planning process – “inventory”

1. Go to sample plot (ID sedge vs grass)
2. Review exercise sheets
3. Go thru sample plot establishment and data collection
 - a) all data in field notebooks
 - b) not a graded exercise

B. Assign teams to plots—starting with woodland plot □ CC forest □ savanna □ prairie

(move bus by prairie plot)

IV. Teams present data at each plot, beginning with prairie plots with other teams entering that data in their field notebooks.

1. Start at prairie plot and end at CC forest plot (discuss questions B.1 & 2.)