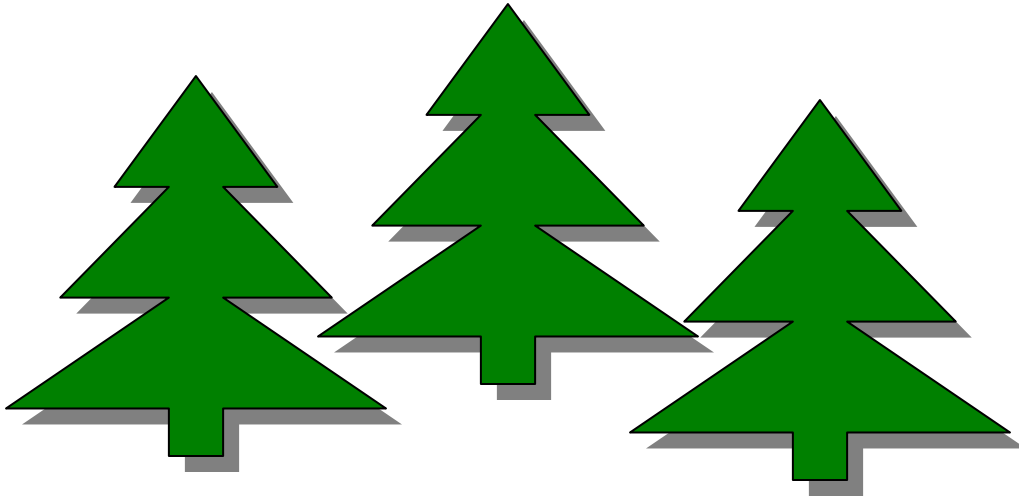


Forestry

White Pine Plantation

Project



Group II, Station 2

Follow Trail from Lodge to the White Trail on the Camp Lawroweld Trail System.
(Green to Red to Yellow to White Trail)

Continue on Trail to Marked Corner and layout a 1 acre plot.

Azimuth	Bearing	Distance	Course
132 degrees	S 48 degrees East	208'	1 st Course
222 degrees	S 42 degrees West	208'	2 nd Course
312 degrees	N 48 degrees West	208'	3 rd Course
42 degrees	N 42 degrees East	208'	4 th Course

TO BEGINNING POINT

Group II
Station # 1

Equipment

Compass	Gloves
Clipboard	Safety Glasses
Flagging	Hat
Pencils	Boots
Paper	Hand Saws
Field Guide/Field Guide ID Sheets	Pruning Saws
Tape/D-Tape	Spade
Lumber Crayon	Hammer/Axe
Marking Pen	Zip-Lock Bags

I. Field Procedure: Day #1 P.M. (Wednesday)

1. Follow Trail from Lodge to the White Trail on the Camp Lawroweld Trail System.

(Green to Red to Yellow to White Trail)

Field Plot Location starting point is located on the white trail approximately 100' + or - into the Pine Plantation.

2. Layout 1 acre square plot (208' on each side) using the enclosed plot bearings and distances.

(3/5 note card)

INITIAL COURSE: 42 degrees , Azimuth

N 42 degrees East, Bearing

208' Distance

- The corners of the 1acre plot have been ribboned in Blue and Orange Flagging to assist you in your layout work.
- Use hand held compass to establish azimuth ort bearing of perimeter lines. Use your established pace to measure distance.
- Drive into the ground a red grade stake at each corner of the exercise plot as it is established. (All stakes are provided at beginning point).
- Delineate the perimeter of exercise plot with orange ribbon.
- Lightly clear brush to provide access around perimeter of plot-- (i.e. along ribboned perimeter line).

SEE NEXT PAGE FOR STATION #2 SKETCH

- h. Finally, Dig a soil test pit near the center of your 1/4th acre plot.
 (Approximately 1 ½ - 2 feet deep).
 Make note of the following features;

Thickness of organic Material. (Top Layer)	
Number of soil layers present	
Color	
Texture	
Stones and Rocks present	
Moisture	
Soil organisms evident	

As you collect information for your field site inventory, feel free to travel through your entire plot. Become familiar with your environment and share your observations with your fellow team members.

Take some group quiet time- Share impressions after.

- When your group field inventory has been completed, take time to organize your data and observations. Record sheets should be neat, clean, organized and readable.
- If necessary, re-copy information sheets.
- Specimens or field samples can be sorted and stored in ziplock bags.

II. Field Procedure, Day #2 Thursday

Read/Review “Weeding young forests”

7' X 7' approximate spacing

900 trees/acre or 225 trees on ¼ acre plot

Ribbon selected trees with blue flagging.

1. Select Crop Trees
 - a. Height- 10-14 feet tall.
 - b. Crown –Full
 - c. Quality
 - i.) Single stem
 - ii.) No Forks
 - iii.) No Defects (scars, animal damage, etc.)
 - d. Species
Preferred species
(Use field guide for positive I.D. if uncertain of species.)
 1. Sugar Maple
 2. Yellow Birch
 3. White Pine
 4. Spruce
 5. Fir
 6. Tamarack
2. Remove Undesireables
 - a. Cut/Saw stems as close to the ground as possible.
 - b. All brush lopped to three feet from ground.
This practice results in :`
 - More Large trees /acre
 - Improved quality of trees
 - Larger numbers of desired species

Review “Weeding Young Forests” periodically through the day’s exercise.

Visit last year’s sample plots (See Map).

Goal: Complete ¼ acre plot treatment.