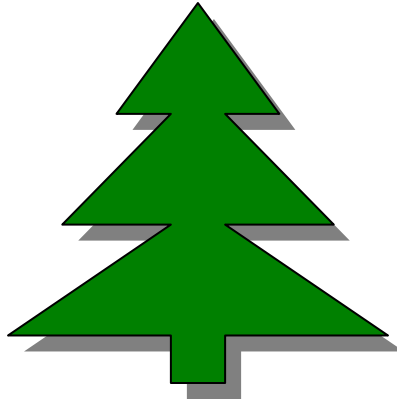


Forestry

Softwood Regeneration

Project



Group I, Station 1
Follow Green Trail to Outpost Campsite

Continue on Trail to Marked Corner and layout a ¼ acre plot.

Azimuth	Bearing	Distance	Course
16 degrees	N 16 degrees East	104'	1 st Course
106 degrees	S 74 degrees East	104'	2 nd Course
196 degrees	S 12 degrees West	104'	3 rd Course
286 degrees	N 74 degrees West	104'	4 th Course

TO BEGINNING POINT

Group I

Station # 1

Equipment

Compass Clipboard Flagging Pencils Paper Field Guide/Field Guide ID Sheets Tape/D-Tape	Gloves Safety Glasses Hand Saws Spade Hammer/Axe Zip-Lock Bags Marking Pen
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I. Field Procedure: Day #1 P.M. (Wednesday)

1. Follow Trail from Lodge to the Green Trail on the Camp Lawroweld Trail System. Field Plot Location starting point is approximately 100' beyond outpost campsite on the GreenTrail.
2. Layout ¼ acre square plot using the enclosed plot bearings and distances.
(3/5 note card)

INITIAL COURSE: 16 degrees , Azimuth
N16 degrees East, Bearing
104' Distance

- The corners of the ¼ acre plot have been ribboned in Blue and Orange Flagging to assist you.
- Drive into the ground a grade stake at each corner of the exercise plot.
- Delineate the perimeter of exercise plot and orange ribbon.
- Lightly clear brush to provide access around perimeter of plot-- (i.e. along ribboned perimeter line).

EXTRA CREDIT!

If you feel up to the challenge expand the area of the plot to 1 acre by extending the course distances to 208' per course.

SEE NEXT PAGE FOR DIRECTIONS

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.

- i. Also –discuss and record any noticeable human activity on this site-
What? When?

Human Activity . What?	When?

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 the 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.