

FOR 274 Assignment 3 [50 points] Name: _____

This assignment should be completed and handed in to the assignment box in the FRFS office by noon on Monday 21st September.

NOTICE: Where working is required, *zero credit* will be given if no working is shown.

1. Using Books or the Internet find the common name, scientific name, and one physical characteristic for the following trees:

4-letter Code	Common Name	Scientific Name	Characteristic
ABGR			
PSME			
LAOC			
PIEN			
PIMO3			
PIPO			
TSHE			
PICO			
THPL			

2. Calculate the mean, median, mode, range, and standard deviation of the trees heights and DBH collected from a plot on the University Experimental Forest [Working required]. Draw the histogram and describe the height and DBH distributions.

Hieght	DBH
78	16
82	18
96	22
76	14
88	15
106	24
98	23
67	15
106	25
82	14
91	16
79	15
82	12
101	25
97	23
68	12
79	12
82	15
79	16
89	17
101	26
94	20
56	12
78	12
98	24
84	20
80	18

3. Describe what type of biomes you would expect to encounter in:
- a) The Great Basin

b) Glacier National Park

c) Denali National Park

4. Draw diagrams and provide a brief 2-3 sentence description of the following forestry terms:

a. Old Growth

b. Multiple-storey stand

c. Stem exclusion

d. A natural (non managed) stand

e. Seed trees and stand initiation

f. Stand that is “thinned from below”

g. Stand that is “high-graded”