

**FOR 274 Assignment 1: Trees, Shrubs, and Grass [20 points]**

This assignment should be completed and handed in at the start of the next lab.

1. Using Books or the Internet find the following information for these trees, shrubs, and grasses.

<b>Common Name</b>	<b>Scientific Name</b>	<b>4-Letter Code</b>
		ABGR
		ABLA
		LAOC
		PIEN
		PIAL
		PICO
		PIMO3
		PIPO
		POTR
		TSHE
		ACGL
		AMAL
		HODI
		PHMA
		SYAL
		BRTE
		FEID
		POPR
		ELSP
		POBU

**More questions on next page:**

2. Calculate to the nearest  $1/10^{\text{th}}$  foot the radius of a  $5^{\text{th}}$ ,  $10^{\text{th}}$ , and  $100^{\text{th}}$  acre circular plot [5 points]:

$5^{\text{th}}$  calculations:

$10^{\text{th}}$  calculations:

$100^{\text{th}}$  calculation:

3. Calculate to the nearest 10 cm the radius of a  $7^{\text{th}}$ ,  $12^{\text{th}}$ , and  $30^{\text{th}}$  hectare circular plot [5 points]:

$7^{\text{th}}$  calculations:

$12^{\text{th}}$  calculations:

$30^{\text{th}}$  calculation: