

BIO192 Lab 7: Identifying Angiosperm Vegetative Structures

Name: _____

Objective: Identify **four** angiosperms and develop understanding of their role in the environment. **There are two options for this assignment:**

Option 1: Using photos provided, identify four angiosperms using the *Samplepoint Vegetation Key*. Complete the plant identification tables by searching your selected species on the [Online Herbarium](#), [USDA Natural Resources Conservation Service](#), and credible online resources. For step-by-step instructions, follow the *How to Use Online Herbarium* document and watch the [Lab 7: Case Study Instructions](#) video.

Option 2: If you have access to transportation and would like to socially distance in the sagebrush steppe, you are welcome to identify angiosperms on your own rather than using the provided images. The surrounding area of Ada county and several other Northwest regions are contained within sagebrush steppe and can be accessed via hike or with a quick pullover to the side of the road. Either print the *Samplepoint Vegetation Key* or download the document to your phone to quickly identify species in the field. Take photos of all four angiosperms you identify and add them to this document. Once the angiosperms have been identified, complete the plant identification tables by searching your selected species on the [Online Herbarium](#), [USDA Natural Resources Conservation Service](#), and credible online resources.

Some recommended hikes in Boise: [Hulls Gulch Nature Trail](#), [Camel's Back](#), and the [Military Reserve trails](#) (Central Ridge trail, Mountain Cove, Cottonwood Creek trail, Eagle Ridge Loop, etc). Please note in the late fall and winter, plant identification will be more difficult.

Plant 1:

Photo ID:	
Plant species: (<i>Latin name</i> , common name)	
Plant family: (<i>Latin name</i>)	
Name one other plant native to this family:	
Native or non-native:	
If not native, where is it native to?	
Leaf arrangement:	
Leaf shape and venation:	
Growth form:	
Habitat:	

Fire tolerance: (low, medium, high)	
Note a characteristic that makes this angiosperm memorable to you:	

Plant 2:

Plant species: (<i>Latin name</i> , common name)	
Plant family: (<i>Latin name</i>)	
Name one other plant native to this family:	
Native or non-native:	
If not native, where is it native to?	
Leaf arrangement:	
Leaf shape and venation:	
Growth form:	
Habitat:	
Fire tolerance: (low, medium, high)	
Note a characteristic that makes this plant memorable to you:	

Plant 3:

Plant species: (<i>Latin name</i> , common name)	
Plant family: (<i>Latin name</i>)	
Name one other plant native to this family:	
Native or non-native:	
If not native, where is it native to?	
Leaf arrangement:	
Leaf shape and venation:	

Growth form:	
Habitat:	
Fire tolerance: (low, medium, high)	
Note a characteristic that makes this plant memorable to you:	

Plant 4:

Plant species: (<i>Latin name</i> , common name)	
Plant family: (<i>Latin name</i>)	
Name one other plant native to this family:	
Native or non-native:	
If not native, where is it native to?	
Leaf arrangement:	
Leaf shape and venation:	
Growth form:	
Habitat:	
Fire tolerance: (low, medium, high)	
Note a characteristic that makes this plant memorable to you:	