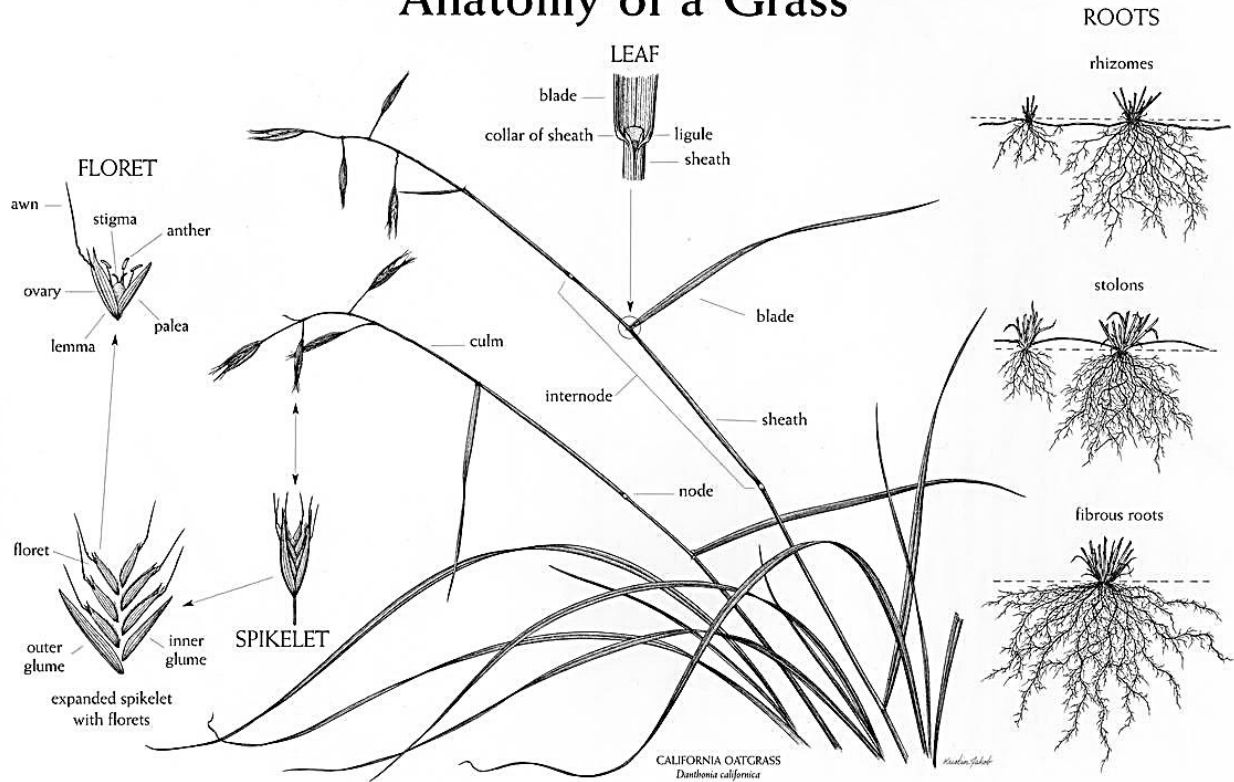


Anatomy of a Grass



Floret- Individual flowers bracted by a lemma and palea

Spikelet- The basic unit of a grass inflorescence consisting of 2 glumes and 2 or more florets

Glumes- A pair of bracts at the base of a spikelet

Awn- A bristle-like appendage, usually a continuation of the mid-nerve of the lemma or the glume

Culm- A grass stem, usually hollow except at the ordinarily swollen nodes

Node- The joint of a culm (the “knees” of a grass stem)

Internode- The culm (stem) segment between two nodes

Blade- The laterally expanded portion of a grass leaf

Sheath- The basal portion of the leaf that surrounds a grass stem

Leaf- The sheath and blade of a grass

Collar- The outer side of a grass leaf at the junction of the sheath and blade, often lighter colored than the surrounding tissue

Stolon- Stems that lie upon the ground and root at the nodes or at least bend over and root at the tip

Rhizome- A creeping underground stem

Fibrous- A type of root form

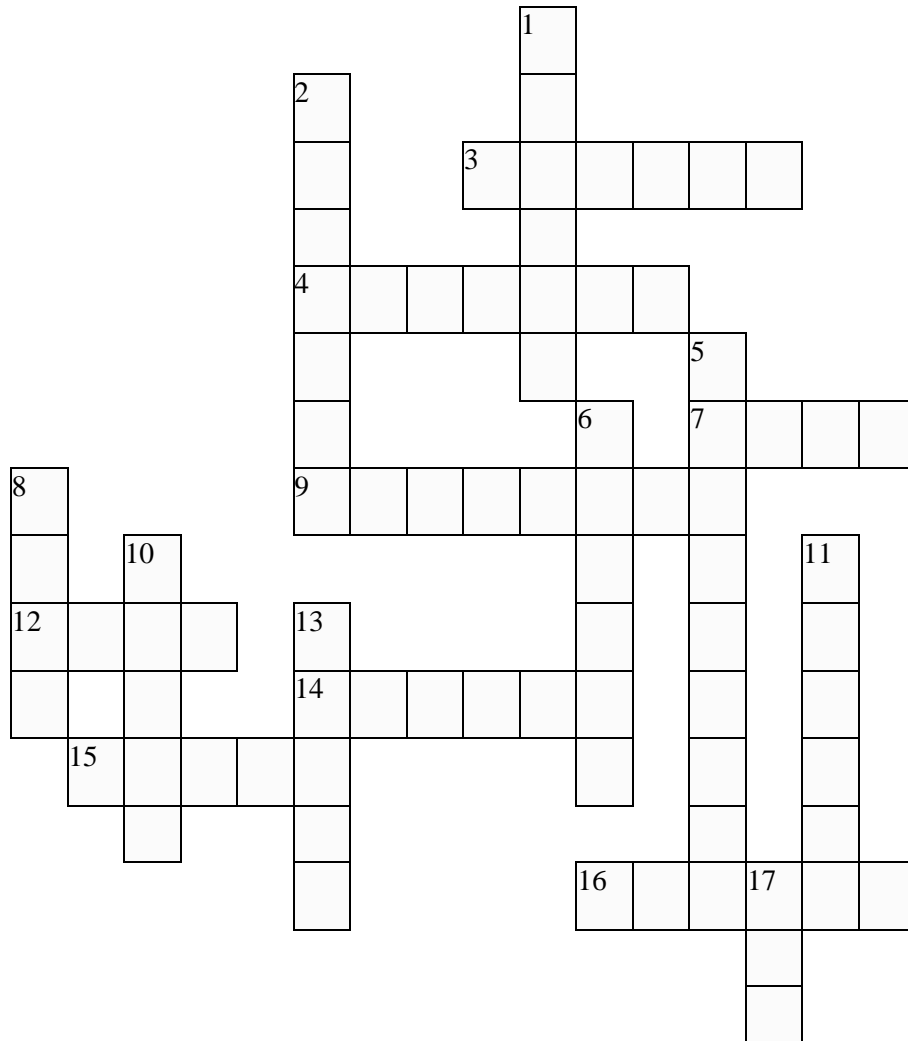
Ligule- An outgrowth from the leaf sheath. Because they vary in size, shape, and texture, they are used in the identification process

Lemma- The lower of two bracts surrounding the grass flower (see palea)

Palea- The uppermost of two bracts surrounding the grass flower (see lemma)



Anatomy of a Grass



Word Bank

rhizome
 stolon
 fibrous
 culm
 spikelet
 palea
 lemma
 ligule
 floret
 glumes
 leaf
 node
 blade
 collar
 internode
 sheath
 awn

Down

1. Stems that lie upon the ground and root at the nodes or at least bend over and root at the tip
2. A type of root form
5. The culm (stem) segment between two nodes
6. A pair of bracts at the base of a spikelet
8. A grass stem, usually hollow except at the ordinarily swollen nodes
10. The uppermost of two bracts surrounding the grass flower (see lemma)
11. Individual flowers bracted by a lemma and palea
13. The laterally expanded portion of a grass leaf
17. A bristle-like appendage, usually a continuation of the mid-nerve of the lemma or the glume

3. The outer side of a grass leaf at the junction of the sheath and blade, often lighter colored than the surrounding tissue
4. A creeping underground stem
7. The joint of a culm (the “knees” of a grass stem)
9. The basic unit of a grass inflorescence consisting of 2 glumes and 2 or more florets
12. The sheath and blade of a grass
14. An outgrowth from the leaf sheath. Because they vary in size, shape, and texture, they are used in the identification process
15. The lower of two bracts surrounding the grass flower (see palea)
16. The basal portion of the leaf that surrounds a grass stem

Across