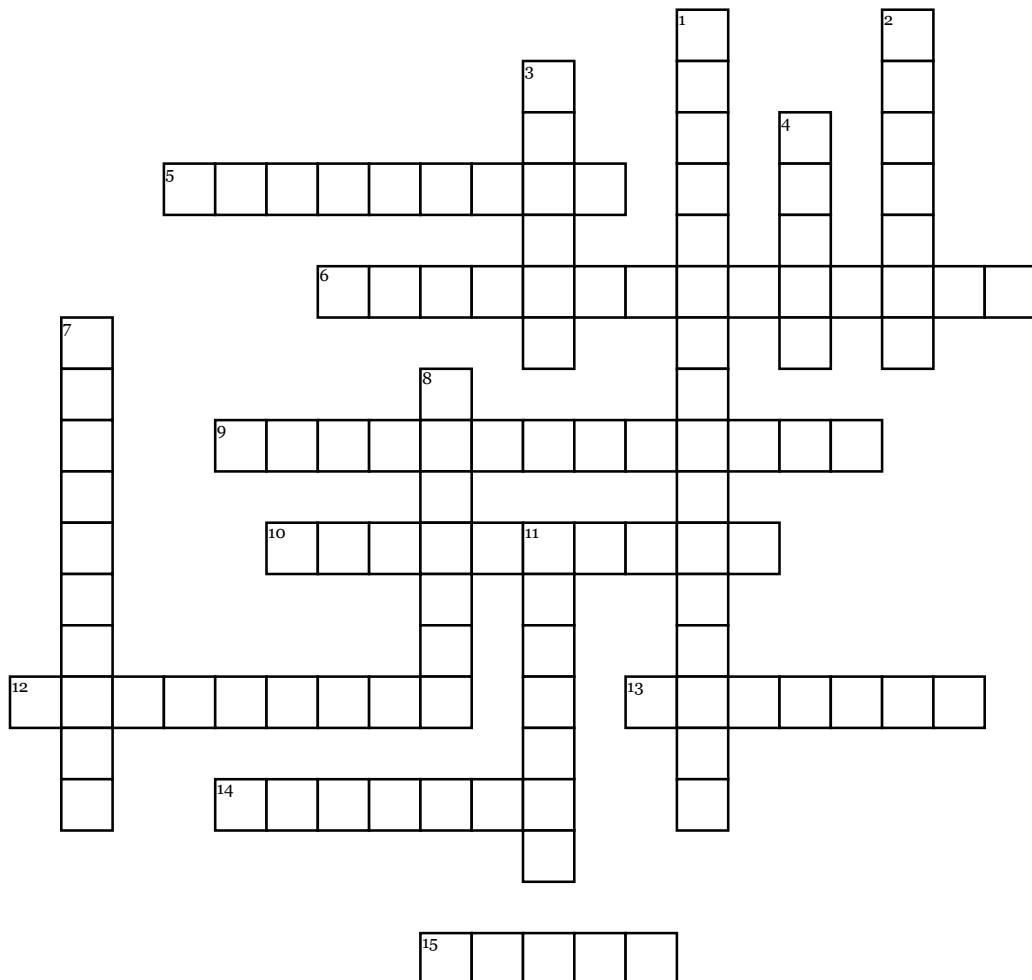


# Classification and anatomy plant terms



## Across

5. pairs of cells that surround stomata and control their opening and closing  
 6. species that break down rock and build up decaying plant material so that other plants can grow  
 9. plant with tubelike structures that move minerals, water, and other substances throughout the plant  
 10. flowering vascular plants that produce fruits containing one or more seeds  
 12. chemical compound made out of sugar that provides structure and support  
 13. vascular tissue that produces xylem and phloem cells as a plant grows

14. angiosperm with one cotyledon inside its seed, flower parts in multiples of three, and vascular tissues in bundles scattered throughout the stem

15. angiosperm with two cotyledons inside its seed, flower parts in multiples of four or five, and vascular bundles in rings

## Down

1. plants that absorbs water and other substances directly through its cells wall  
 2. threadlike structures that anchor nonvascular plants to the ground  
 3. vascular tissue that forms tubes that transport dissolved sugar throughout a plant

4. vascular tissue that forms hollow vessels that transport substances, other than sugar, throughout the plant

7. vascular plants that do not flower, generally have needlelike or scalelike leaves, and produce seeds that are not protected by fruits

8. waxy, protective layer that covers the leaves, stems, and flowers of many plants and helps prevent water loss

11. tiny openings in a plant's epidermis through which carbon dioxide, water vapor, and oxygen enter and exit

## Word Bank

- guard cell  
 rhizoid  
 cuticle  
 vascular plant

- cambium  
 pioneer species  
 phloem  
 cellulose

- stomata  
 angiosperm  
 nonvascular plant  
 xylem

- Monocot  
 dicot  
 Gymnosperm