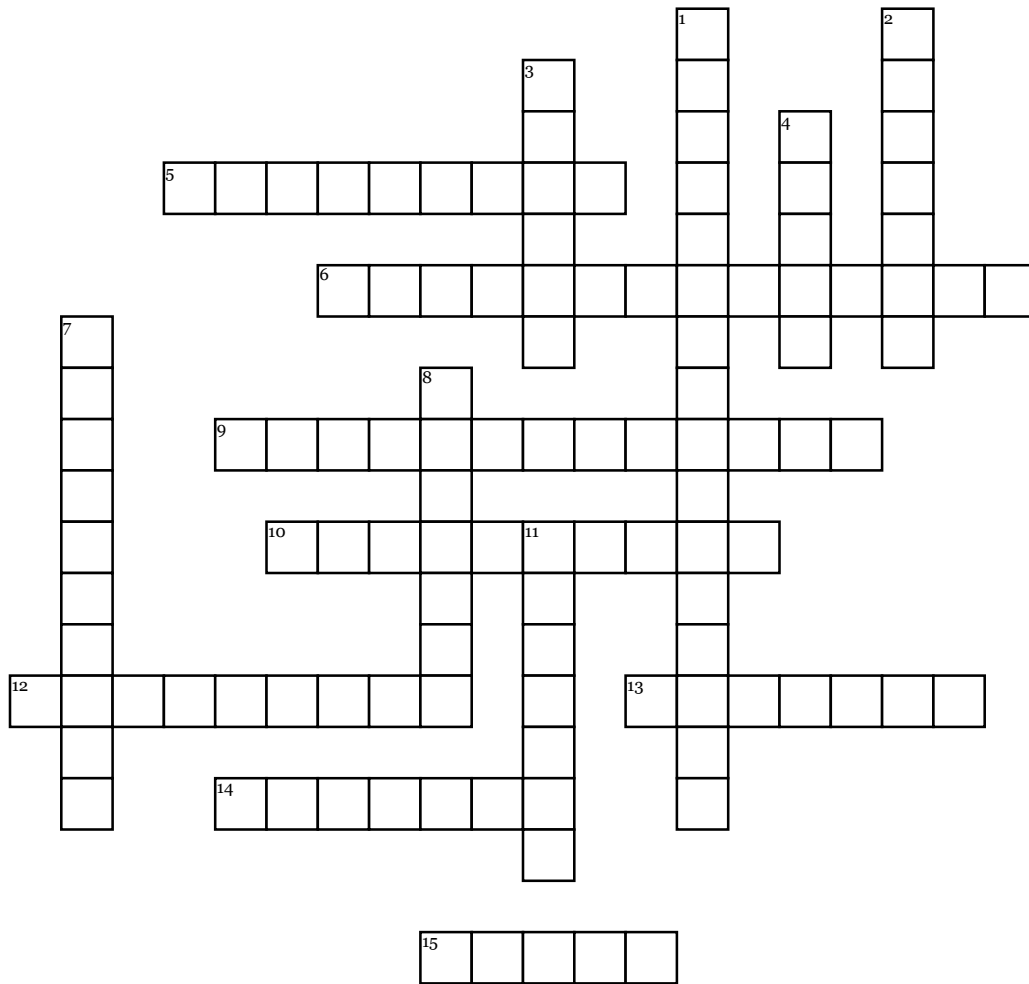


Classification and anatomy plant terms



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 absorb water and other substances directly through its cell 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 | cambium | stomata | Monocot |
| rhizoid | pioneer species | angiosperm | dicot |
| cuticle | phloem | nonvascular plant | Gymnosperm |
| vascular plant | cellulose | xylem | |