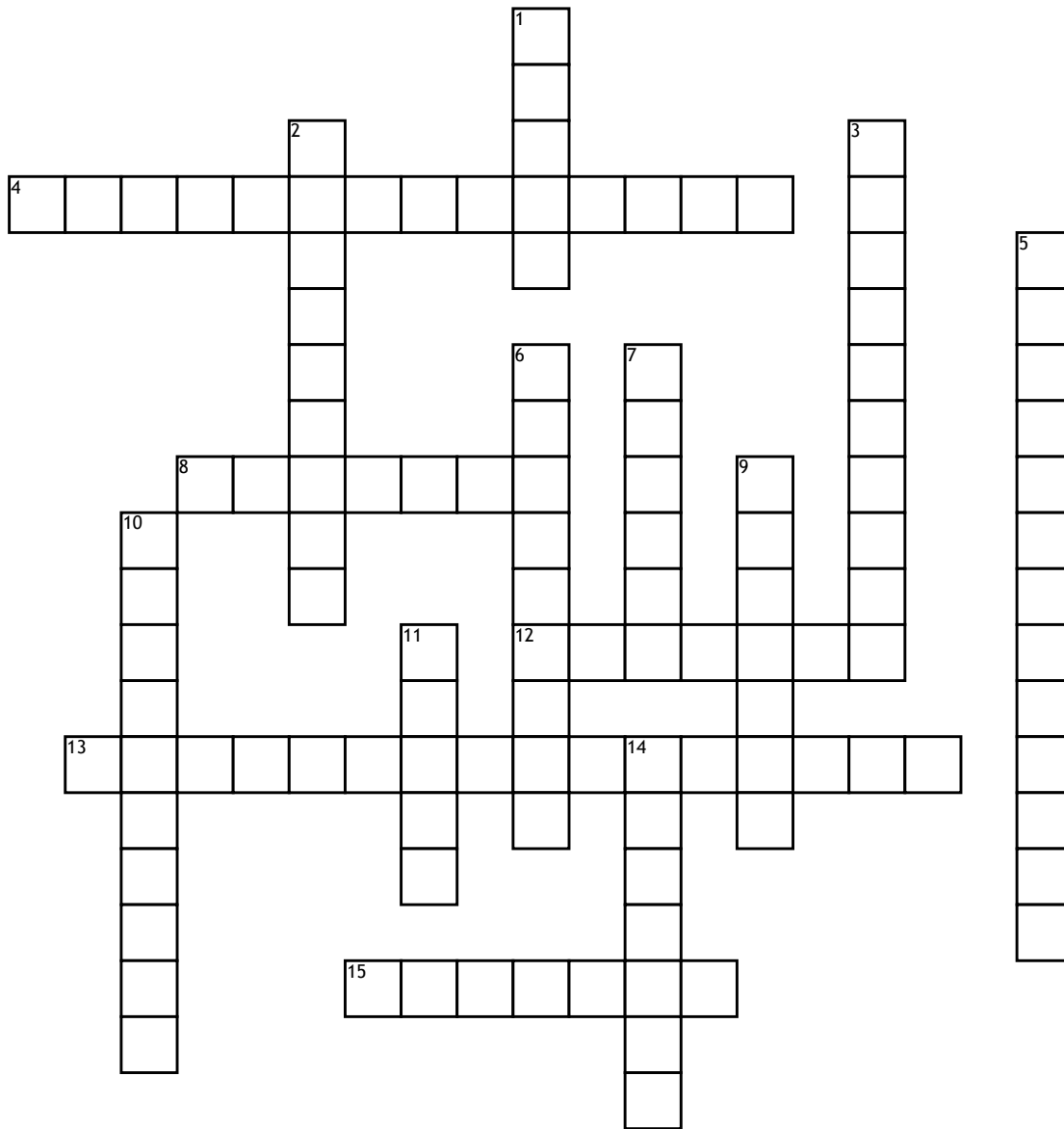


Name: _____

Plant Classification



Across

- 4. species that break down rock and build up decaying plant material so that other plants can grow
- 8. tiny openings in a plant's epidermis through which carbon dioxide, water vapor, and oxygen enter and exit
- 12. vascular tissue that produces xylem and phloem cells as a plant grows
- 13. plants that absorb water and other substances directly through its cell wall
- 15. angiosperm with one cotyledon inside its seed, flower parts in multiples of three, and vascular tissues in bundles scattered throughout the stem

Down

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

- 2. chemical compound made out of sugar that provides structure and support

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

- 5. plant with tubelike structures that move minerals, water, and other substances throughout the plant

- 6. pairs of cells that surround stomata and control their opening and closing

- 7. vascular tissue that forms tubes that transport dissolved sugar throughout a plant

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

- 10. flowering vascular plants that produce fruits containing one or more seeds

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

- 14. threadlike structures that anchor nonvascular plants to the ground