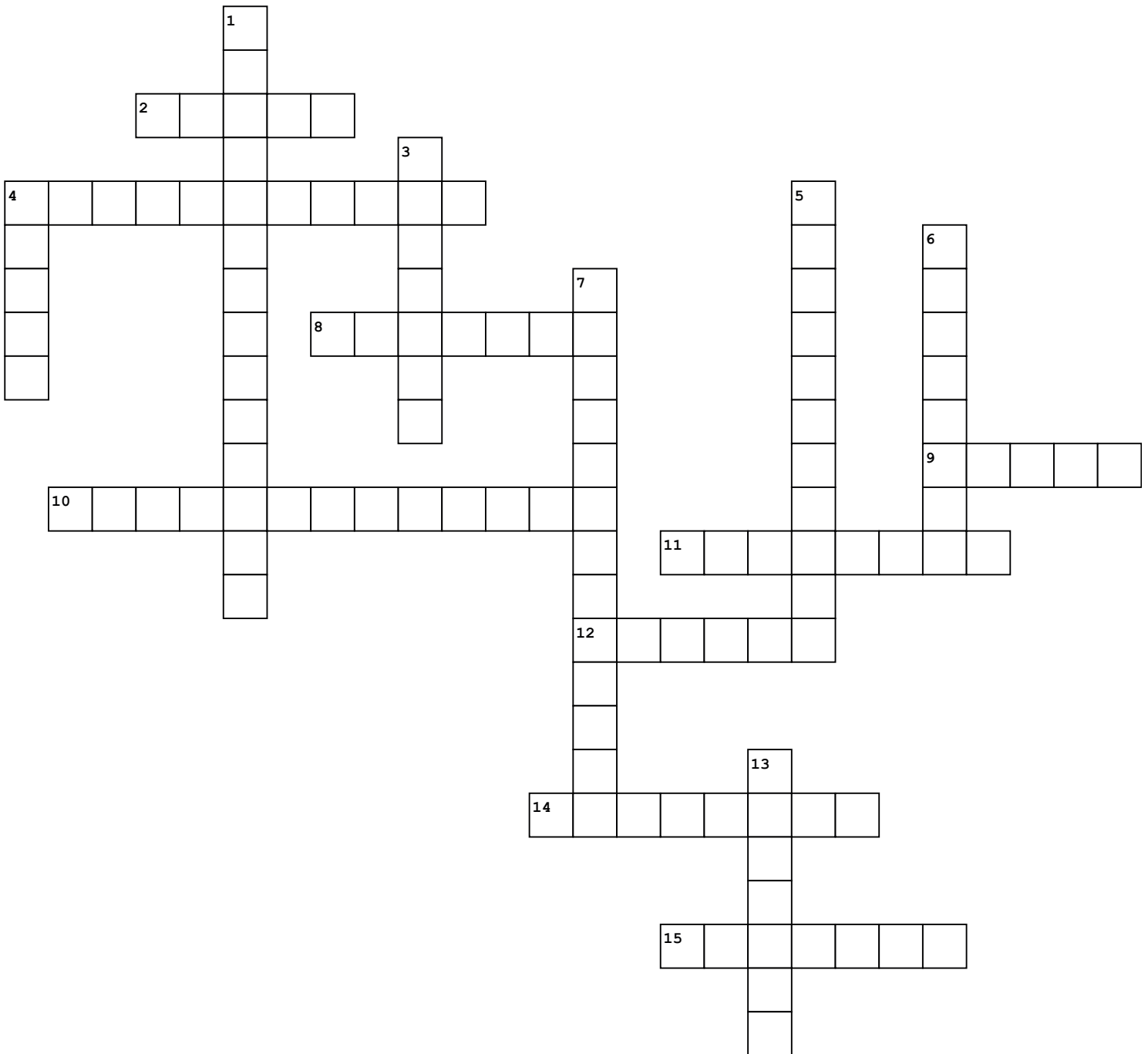


# Stomata



## Across

2. The singular term for stomata
4. Green pigment in leaves that captures light for photosynthesis
8. Small pores on leaf surfaces involved in gas exchange
9. Type of cells that control the opening and closing of stomata

## Down

1. The process plants use to convert light energy into chemical energy
3. Sugar produced during photosynthesis
4. What do stomata do at night?
5. Process that drives the loss of water from leaf surfaces during transpiration
6. Energy source required for photosynthesis to occur

- 10. Process through which water vapor exits the leaf via stomata
- 11. High levels of this reduce the rate of transpiration
- 12. Gas released by stomata
- 14. Helps a cell maintain its shape
- 15. Environmental condition that usually causes stomata to close
- 7. Gas taken in through stomata for photosynthesis
- 13. What structure inside the guard cell swells for the stomata to open