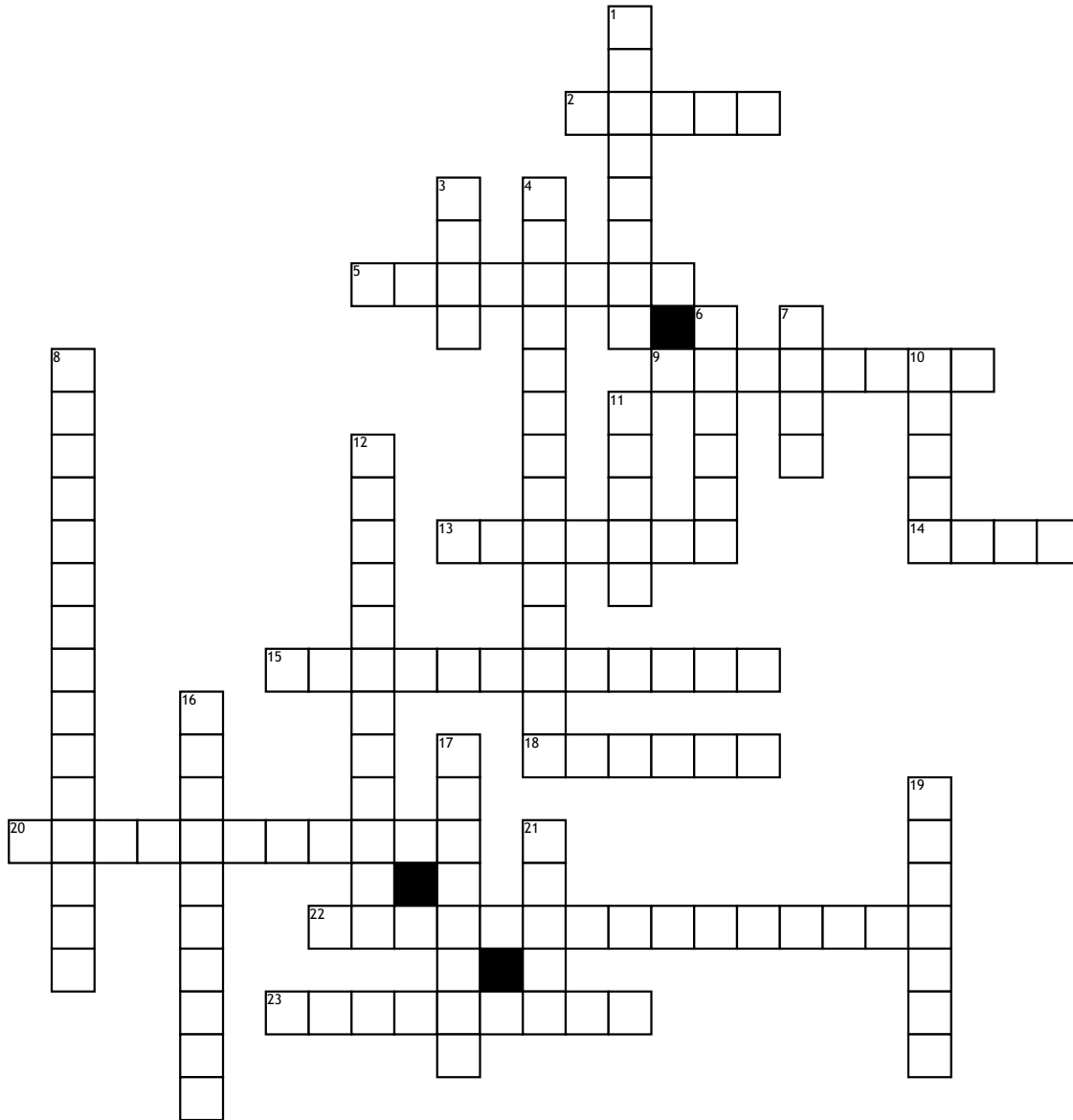


Unit 8 Plants chapters 28-29



Across

2. how do tree rings grow in response to warmer more water abundant seasons
 5. what cells produce cells that are for specialized functions, and they regulate growth at both of the apical meristems
 9. Replaces epidermis when roots and stems become woody
 13. springs underground and can develop new plant clones of the parent plant
 14. what provides support for vertical growth.
 15. what theory states that translocation varies based upon the pressure gradients
 18. which vascular tissue transports sugars

20. Which ground tissue functions for structure and stentgh

22. all layers before the bark of a plant
 23. single layer of cells. Covered with a waxy surface called the cuticle to lower water loss.

Down

1. horizontal modification that forms new roots and shoots
 3. outermost layer of a wooded plant or shrub
 4. The _____ which is secreted by the endodermal cells forces water to move into the cells
 6. what structure on the plant collects sunlight
 7. how many elements are macronutrients

8. what is the cell division in the meristem that causes the stem to thicken and grow that occur in woody eudicots

10. what structure on the plant absorbs moisture from the ground
 11. what is lost by the plant as it opens its stomata to intake CO₂
 12. What type of ground tissue functions for mechanical support
 16. what type of ground tissue has soft and thin flexible walls
 17. Stems with more _____ are able to produce and store more materials
 19. small openings regulate water and gaseous exchange with the air, protected/regulated by guard cells.
 21. Which vascular tissue transports water