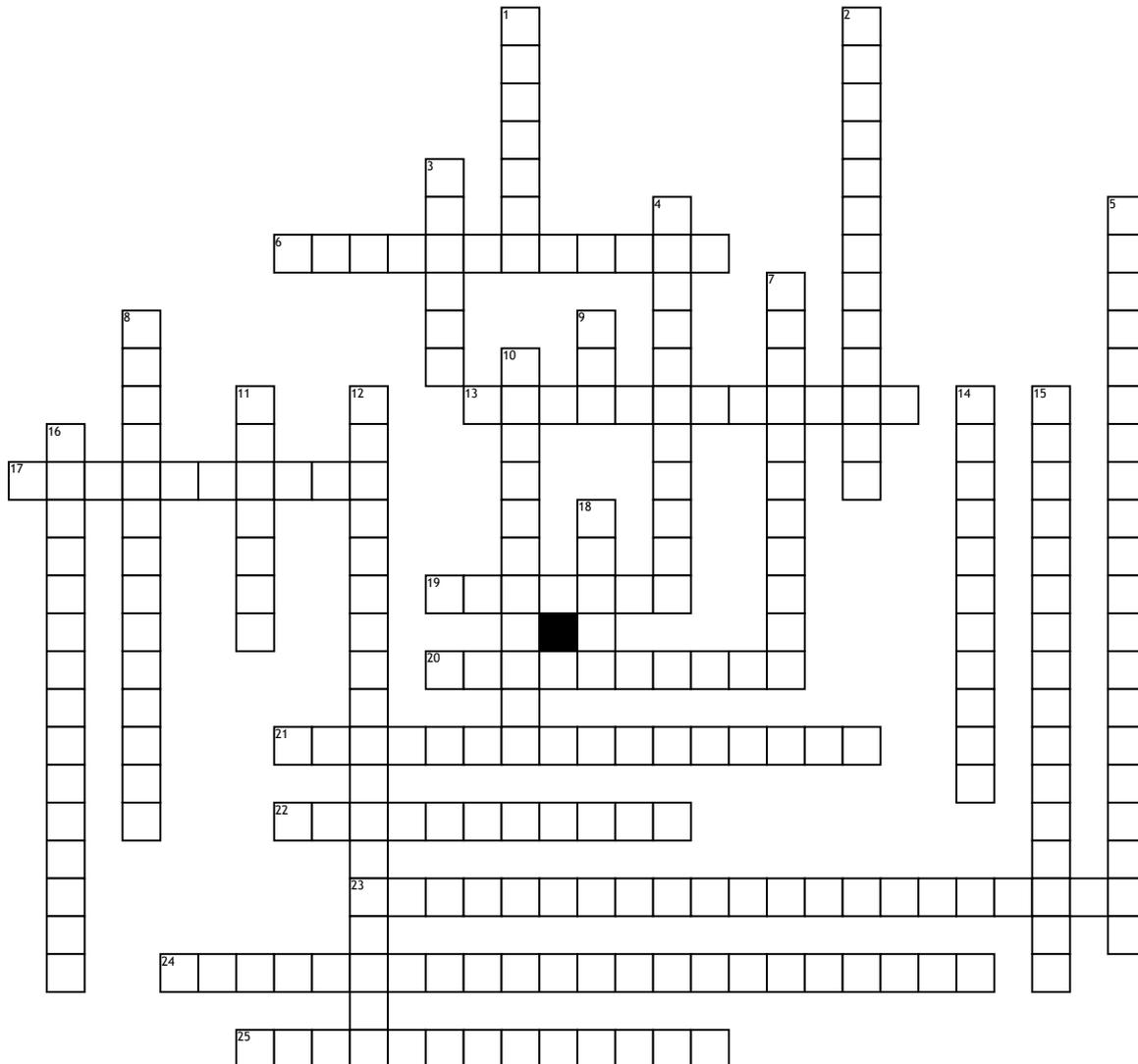


Chapter 7



Across

6. consumers
 13. The method of producing ATP from ADP
 17. Produce their own food
 19. What are the majority of land plants?
 20. flattened sacs in the stroma
 21. During the light reactions, electrons usually, follow a _____
 22. What is an enzyme that joins ADP+?
 23. The first step of the calvin Cycle
 24. a series of carries that pass electrons from one to the other

25. Rise in the average global temperature

Down

1. Plants that avoid photorespiration
 2. Only occur when solar energy is available
 3. semi fluid interior of a chloroplast
 4. the organelle that carries on photosynthesis
 5. The enzymatic reaction that reduce CO₂ to a carbohydrate in the stroma of chloroplasts
 7. An accessory photosynthetic pigment of plants and algae that are often yellow or orange
 8. converts solar energy into the chemical energy of a carbohydrate

9. Use PEPCase to fix some CO₂, forming C₄ molecules.

10. pigments that are capable of absorbing solar energy
 11. small openings on a leaf
 12. The pigments found in chloroplast are capable of absorbing various portions of visible light
 14. consists of a pigment complex and electron acceptor molecules within the thylakoid membrane
 15. Oxygen is taken up and CO₂ is released
 16. protein that makes up 20-50% of the protein content in chloroplasts
 18. stacks of thylakoids