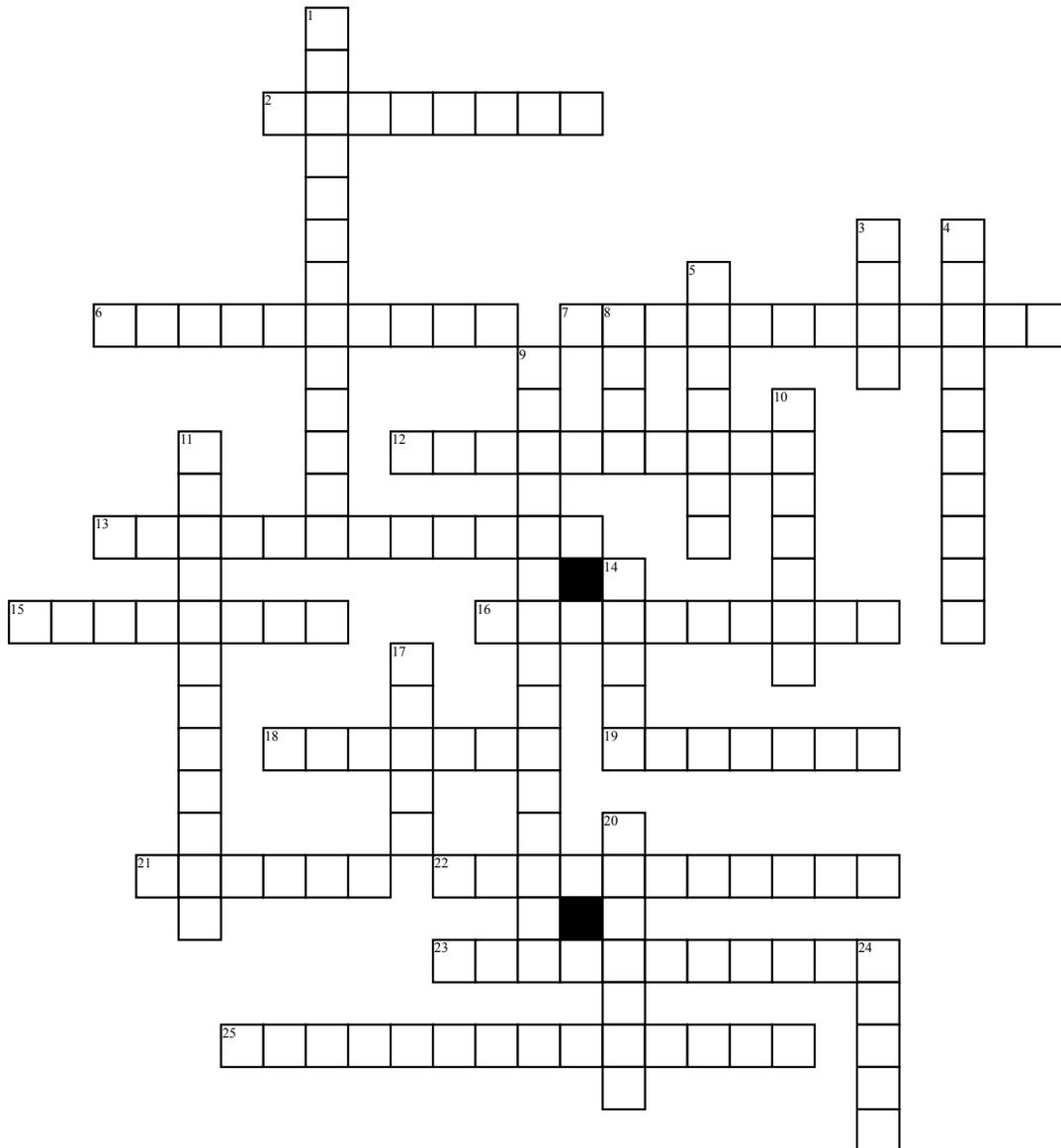


Protist and Fungi: Crossword Puzzle



Across

2. A mat of hyphae that forms the body of a fungus
 6. Single-celled gamete chambers where algae form gametes
 7. Large nucleus that contains multiple copies of DNA that direct the cell's metabolism and development
 12. Symbiotic structure formed by a fungus and plant roots
 13. multiple copies of DNA that direct the cell's metabolism and development
 15. The hyphae that anchor the mold to the surface of the bread and that penetrate the bread's surface
 16. The ability to exist in two different forms dimorphism
 18. Plantlike body position of a seaweed and its cells are usually haploid
 19. Hyphae that grow across the surface of bread

21. The mouth pore opens into this structure, which forms food vacuoles that move throughout the cytoplasm

22. Two individuals join and exchange genetic material stored in a small second nucleus
 23. Large, rounded cytoplasmic extensions that function both in movement and feeding
 25. A structure formed by fused gametangia, which contains many diploid nuclei

Down

1. Unicellular algae that are free-living aquatic organisms. They form the base of nearly all marine and freshwater food chains
 3. Sacs of ascocarp that develop at the tips of the eukaryotic hyphae
 4. Process where cells can recognize AMP and crawl toward it
 5. Single-celled or simple multicellular eukaryotic organisms that generally do not fit in any other kingdom

8. Polysaccharide that comes from the cell walls of red algae

9. The production of light by means of chemical reaction in an organism, formed by some species of dinoflagellates
 10. Disease which is characterized by severe chills, headache, fever, and fatigue
 11. Smaller nucleus that participates in the exchange of genetic material during conjugation
 14. Tangled masses of filaments of cells
 17. Short, hairlike cytoplasmic projections that line the cell membrane
 20. An asexual process in which part of a yeast cell pinches itself off to produce a small offspring cell
 24. Autotrophic protists. They have chloroplasts and produce their own carbohydrates by photosynthesis, as plants do