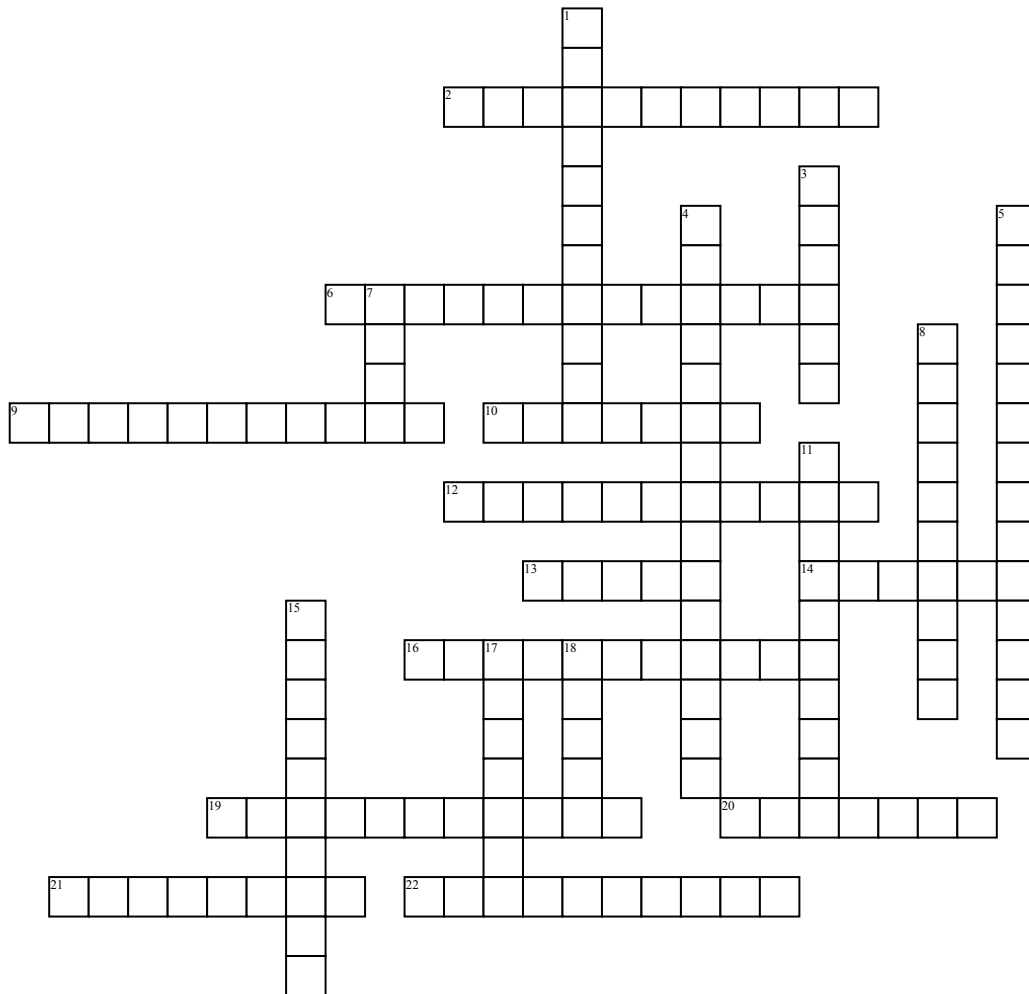


Name: _____

Protist and Fungi Crossword Puzzle



Across

- 2. Merozoites in the blood cells that advance into the sexual forms of the parasite.
- 6. Asexual spores made by basidia.
- 9. A structure of a basidiomycete that produces sexual spores.
- 10. Unicellular algae that have a double shell that have silica.
- 12. A sexual reproductive construction that includes a nucleus of a mating type.
- 13. Fungi that develop in the form of a disordered mass of filaments.
- 14. A mass of cells made by a fungus in symbiosis with a photosynthetic participant. They usually grow on nutrient-poor surfaces.
- 16. A sticky polysaccharide that covers the cell walls of certain species of red algae. This is also used in the food industry to manipulate the texture of many food products.

- 19. Sporozoans that have been released from the oocyst and are ready to invade a new host cell.
- 20. Structures that produce asexual spores in basidiomycetes.
- 21. Single-celled or uncomplicated multicellular eukaryotic organisms that usually do not categorize into any other kingdom.
- 22. In prokaryotes and protists, the movement approaching or away from a chemical stimulus, like the migration toward food or away from a toxin.

Down

- 1. Big, rounded cytoplasmic extensions that operate both in movement and feeding.
- 3. Small, unicellular fungi whose colonies are similar to that of bacteria.
- 4. Some species of Dinoflagellates that undergo the creation of light by means of a chemical reaction.

- 5. In members of the phylum Zygomycota, a sexual structure that is made by the blend of two gametangia and that has one or more zygotes that emerged from the fusion of gametes produced by the gametangia.
- 7. A gel-like polysaccharide compound used for culturing microbes. It is derived from certain red algae.
- 8. A symbiotic partnership between fungi and plant roots.
- 11. Flagellated unicellular algae in the phylum Euglenophyta.
- 15. The infective stage of the plasmodial life cycle, when it corrupts the red blood cells of the host organism.
- 17. A population increase of specific marine dinoflagellates that provoke the water to turn a red or red-brown color and to contain poisonous alkaloids made by the dinoflagellates.
- 18. Autotrophic protists.

Word Bank

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|-------------|-------------|---------------|----------------|------------|-----------------|
| Gametangium | Euglenoids | Basidiospores | Zygosporangium | Merozoites | Bioluminescence |
| Agar | Diatoms | Basidia | Algae | Yeasts | Basidiocarp |
| Lichen | Carrageenan | Molds | Sporozoites | Chemotaxis | Red Tide |
| Protists | Pseudopodia | Mycorrhiza | Gametocytes | | |