

## KINGDOM FUNGI CROSSWORD CLUES

NAME \_\_\_\_\_

### Across

4. eat other things for food
6. compound found in the cell walls of fungi
7. *Rhizopus stolonifer*
9. "club fungi"
11. thread-like filaments that are the basic structural unit of a fungus
13. pieces break off and form new whole fungi
15. a new individual forms on the parent and then eventually breaks off
16. number of spores produced in basidiomycota
17. "sac fungi"
19. network of hyphae
20. symbiotic relationship between a fungus and a green algae
22. hyphae that rise up from the mycelium in Ascomycota
25. one who studies fungus
26. usually the fungal partner in mycorrhizae
27. hyphae that grow vertically down into the food source
29. symbiotic relationship in which a fungus lives in close association with the roots of a plant
35. asexual spores that develop from the tips of conidiophores
36. spores that develop in the ascus
37. hyphae that grow horizontally along the surface of the food source
38. phylum with no observed sexual stage of their life cycle
39. unicellular fungus

### Down

1. species name of the common white button pizza mushroom
2. made of more than one cell
3. has 1500 species
5. made of only one cell, like yeasts
8. helps both the fungus and the host
9. sexual spores produced by basidia
10. reproduction type of deuteromycetes
12. antibiotic from deuteromycetes
14. absorb nutrients from living cells of host
18. sexual; thick-walled spores adapted to withstanding unfavorable conditions
21. has a true nucleus with membrane-bound organelles
23. contain all the number of chromosomes, like spores in basidiomycota
24. number of spores produced in ascomycota
26. club-shaped hyphae in which sexual spores are produced
28. sac in which spores are made
30. sac-like structure of Ascomycota that produces the sexual spores
31. usually the fungal partner in lichens
32. contain half the number of chromosomes, like spores in ascomycota
33. specialized hyphae that penetrate and grow into the host cell
34. live off of dead things