WHAT IS THE LARGEST LIVING ORGANISM?

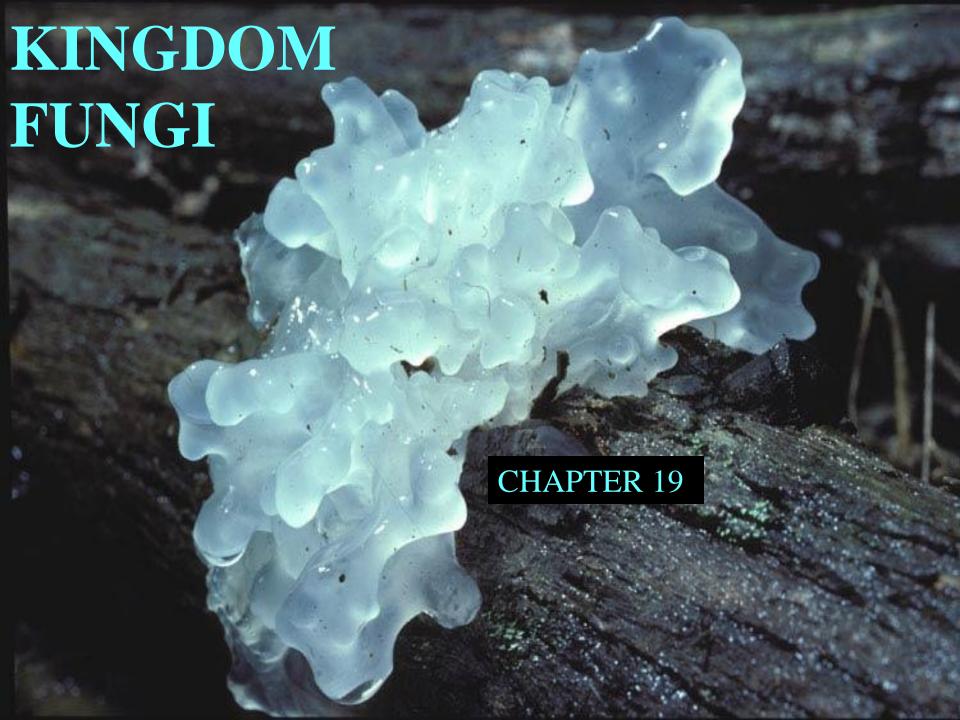
WRONG!!

How about: Armillaria ostoyae

SIZE: Over 2,200 acres

AGE: Over 2400 years old





WHAT IS A FUNGUS?

FUNGAL FEATURES.....

- EUKARYOTIC CELLS.
- -99.99% of species are multi-cellular
- Most are SAPROPHYTIC HETEROTROPHS Decomposers.
- Others don't wait PARASITIC
- CELL WALL MADE OF CHITIN.
- BODY CONSISTS OF FILAMENTOUS
 THREADS CALLED HYPHAE. HYPHAE
 INTERTWINE TO FORM THE FUNGAL
 BODY MYCELIUM
- TEND TO PRODUCE **FRUITING BODIES**TO PRODUCE AND DISPERSE SPORES

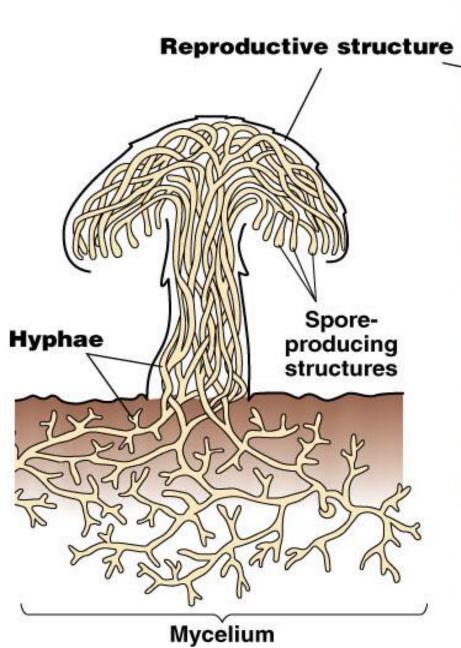




AT FIRST YOU MAY NOT BE ALL THAT TAKEN WITH LEARNING ABOUT FUNGUS.

BUT IF YOU GIVE THEM SOME TIME AND GIVE THEM A CHANCE, THEY WILL REALLY START









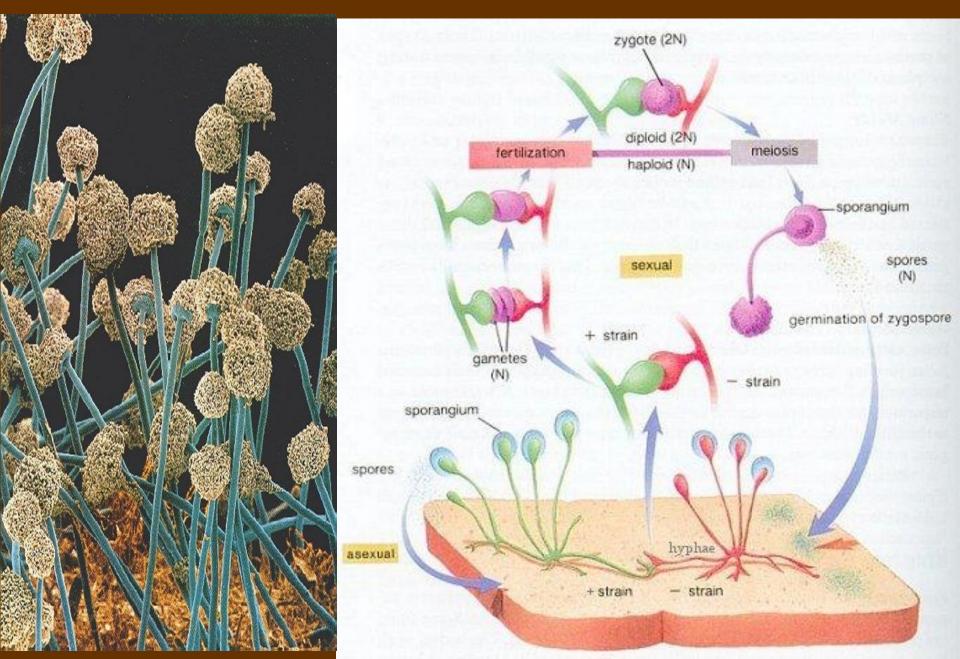
FIVE MAIN PHYLA TO GET FAMILIAR WITH. Classified according to their method of reproduction and reproductive structures.

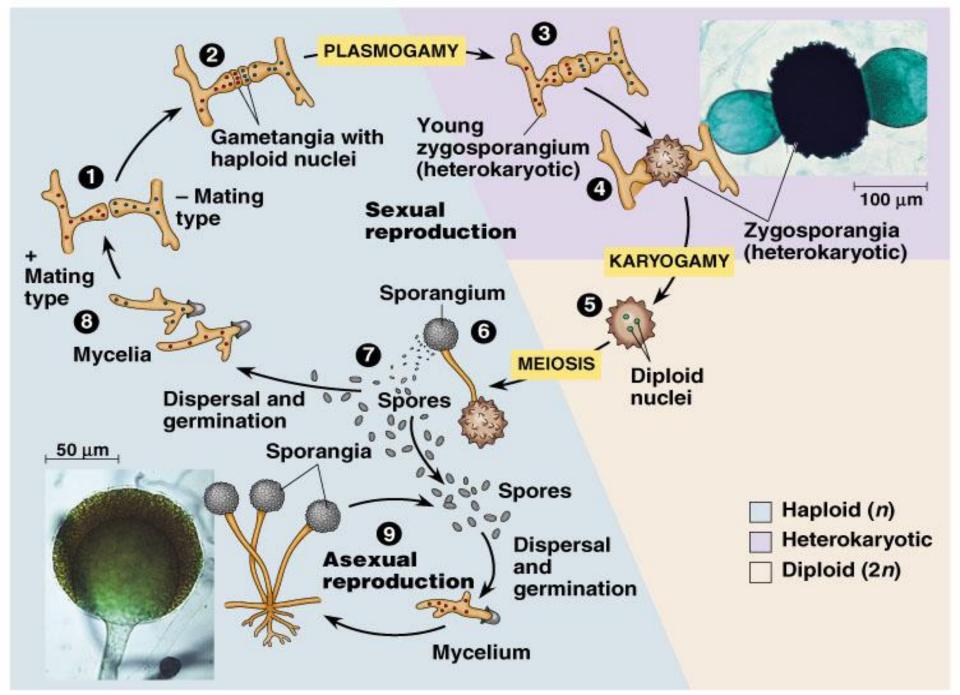
- 1. OOMYCOTA EGG FUNGUS
- 2. ZYGOMYCOTA ZYGOSPORE PRODUCING FUNGUS
- 3. ASCOMYCOTA SAC FUNGUS
- 4. BASIDIOMYCOTA CLUB FUNGUS
- 5. DEUTEROMYCOTA IMPERFECT FUNGUS

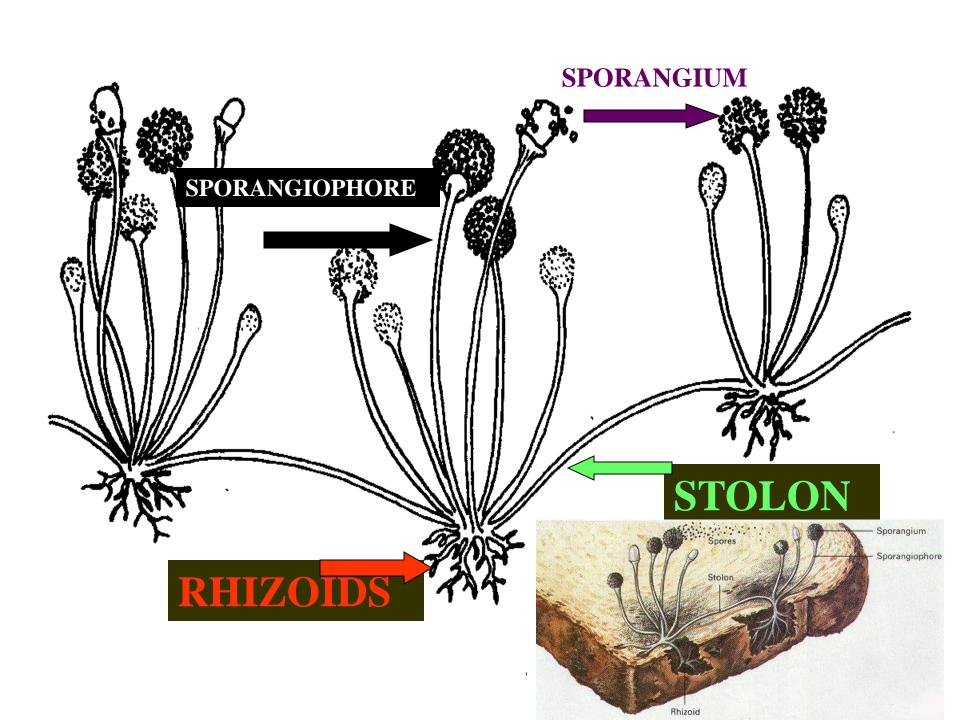




ZYGOMYCOTA - ZYGOMYCETES







WHY DID THE FUNGUS AND THE ALGA GET MARRIED?

Because they really took a "LICHEN" to each other!





Q: Why did everyone invite Mushroom to the party?

A: Because he was a "FUNGI".

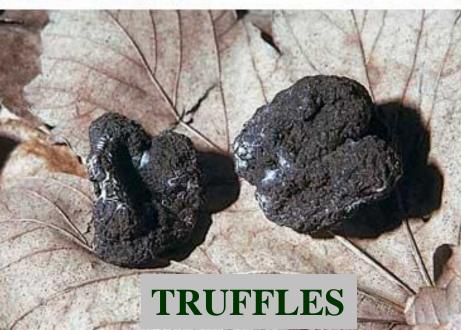
Q: Why did he leave the party as soon as he got there?

A: Because it was really packed and there wasn't "MUSHROOM".



ASCOMYCOTA - ASCOMYCETES

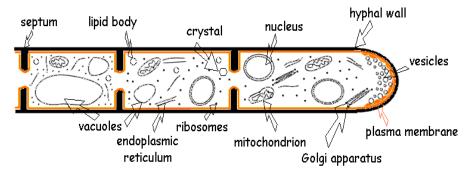


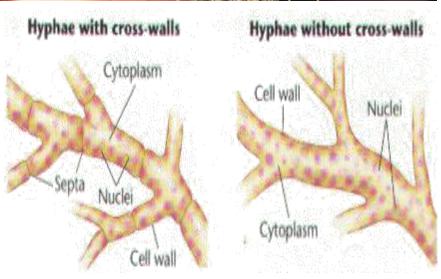






ADVANCEMENTS IN HYPHAE



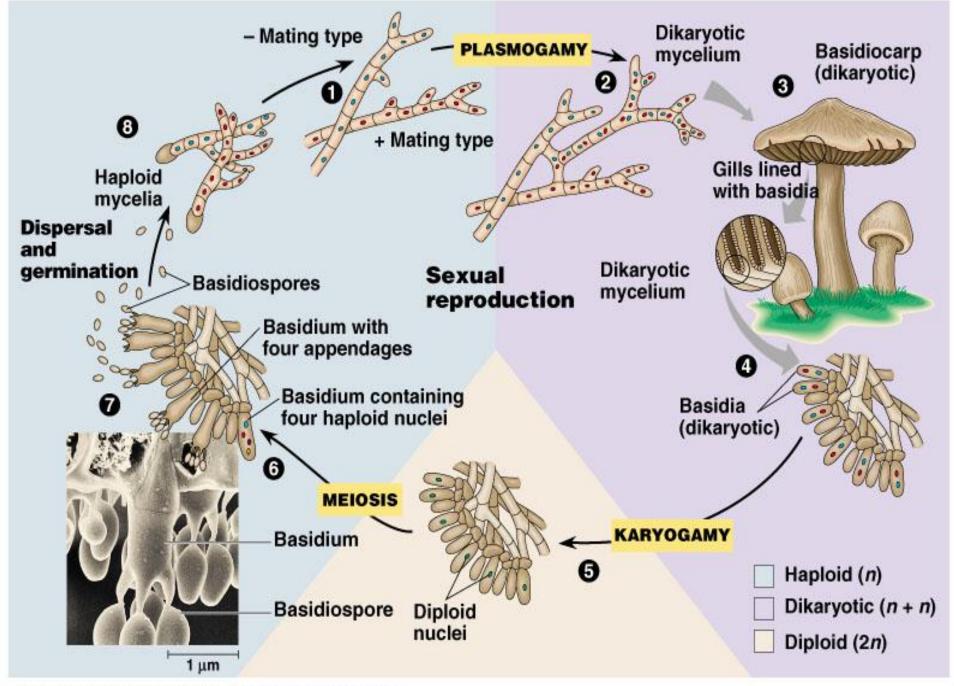










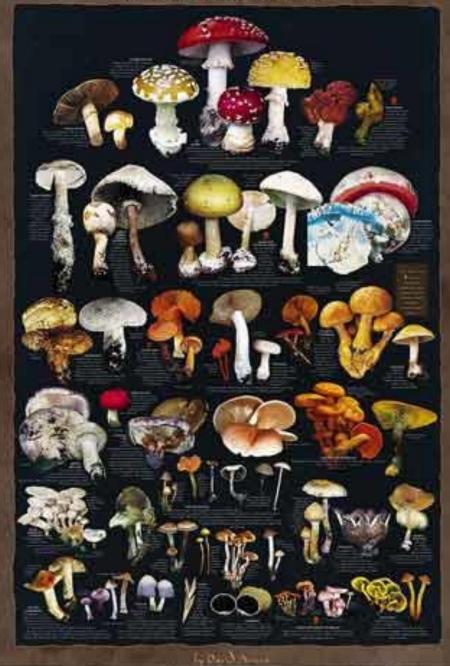


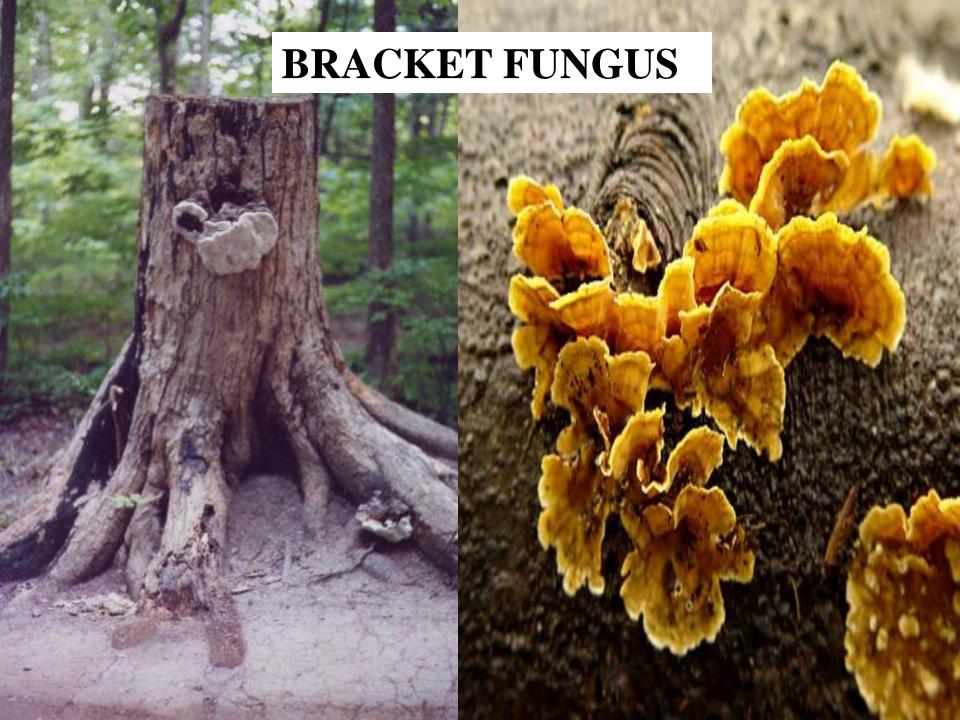
MUSHROOMS



FOREST PLOUR MEGRACOUS

MUSHROOMS









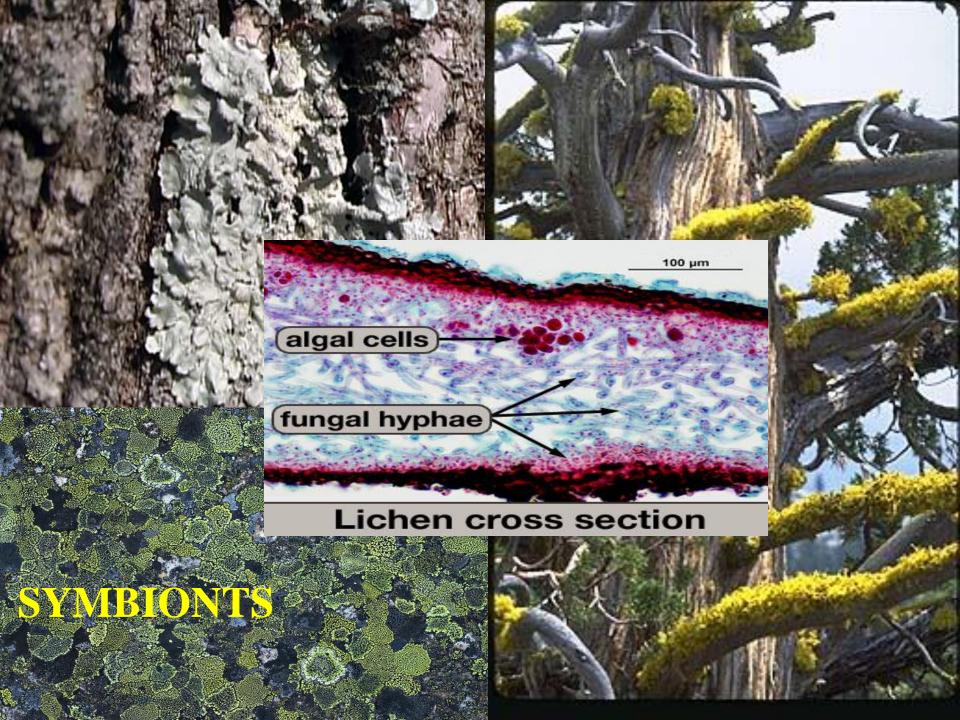
DEUTEROMYCOTA - DUETEROMYCETES

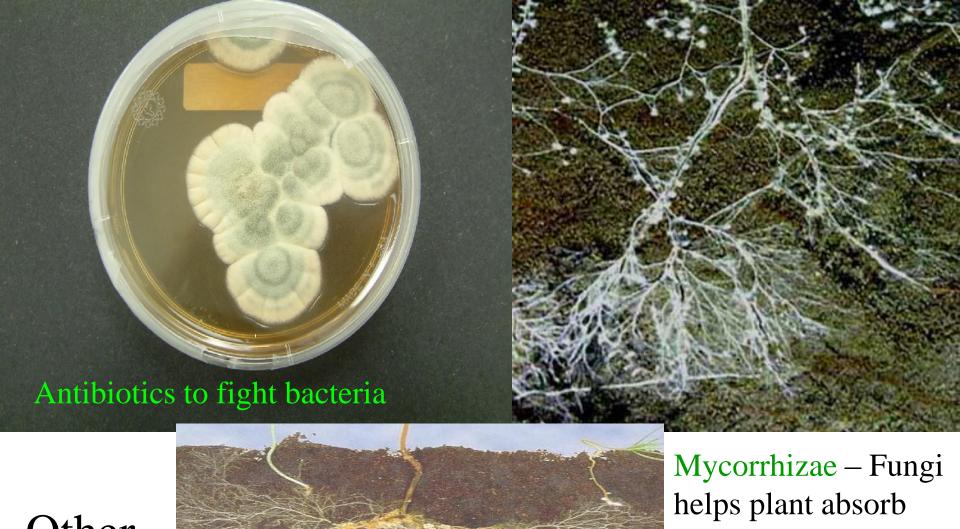


"deuteromycetes"-- no known sexual state, usually reproduces by conidia as asexual state









Other Helpful Roles

