FUNGI

What characterists do all fungi share? (What allows them to be classified as fungi?)



We recognize fungi by their reproductive structures, or "fruiting bodies." Mushrooms are reproductive structures.

The actual "body" of a fungus is the mycelium. The mycelium is often invisible because the hyphae are microscopic.

NOTE: The largest mycelium in the world is in Oregon (Malheur National Forest) and covers over 2,000 acres!

 PHYLYM Ascomycota: "SAC FUNGI"

 Have (microscopic) oval sacs filled with spores

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 Have (microscopic) club-shaped "basidia," containing 4 spores.

 PHYLYM Zygomycota: "ZYGOTE FUNGI"

 Spore packets look like two things joined, or "zygotes."

 PHYLYM Chytridiomycota: "CHYTRIDS" (Chytrid is Greek for "lit

PHYLYM Chytridiomycota: "CHYTRIDS" (Chytrid is Greek for "little pot") Spores have flagella and can swim. All species live in water or wet soil. Examples: 1) Some species help to decompose dead things into dirt. 2) Some attack plants and animals. One species is killing amphibians.