

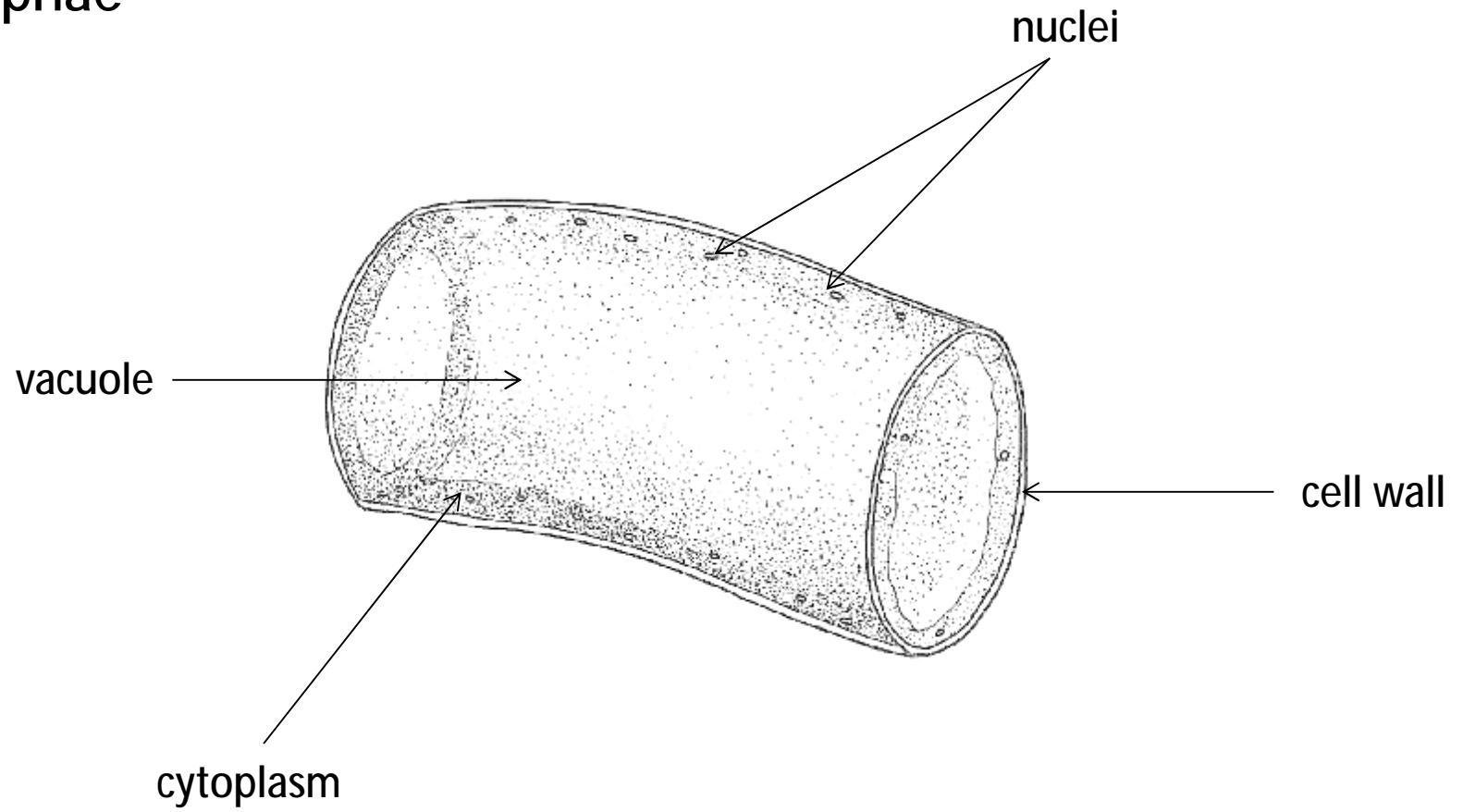


Fungi

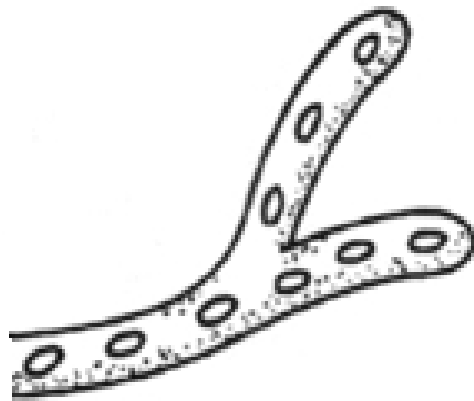
## Marvelous world of fungi

<https://www.youtube.com/watch?v=Pq1x5V2-3w0>

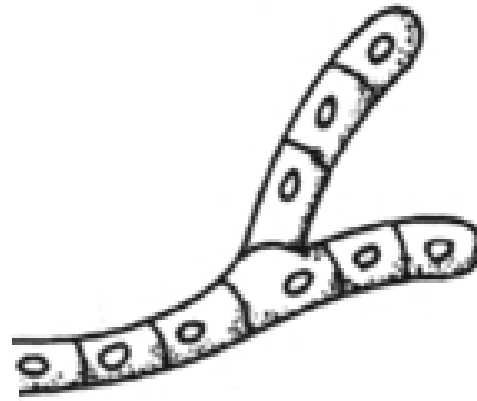
# Hyphae



## Types of hyphae



coenocytic fungi



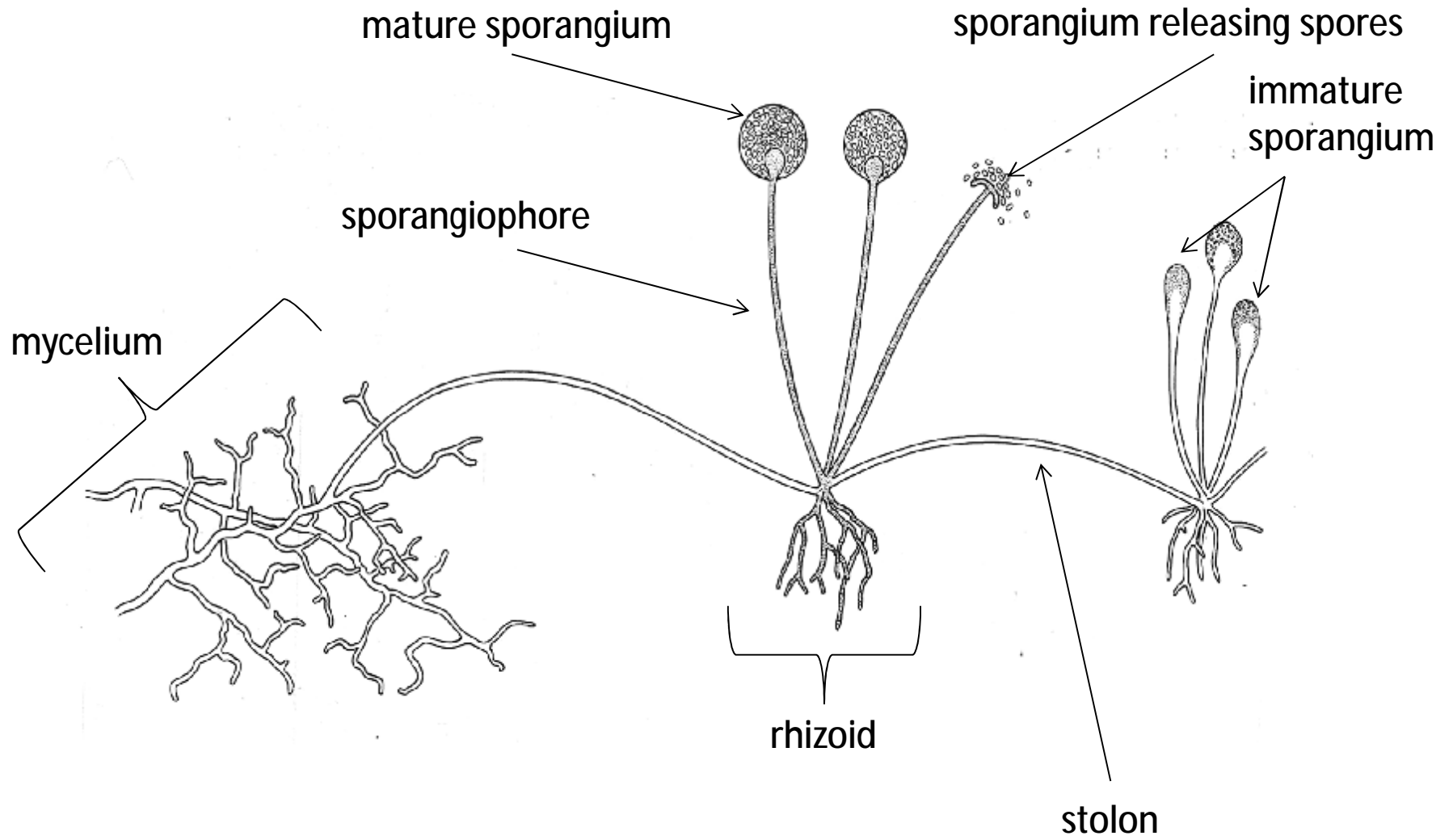
septate fungi

# ZYGOMYCOTA

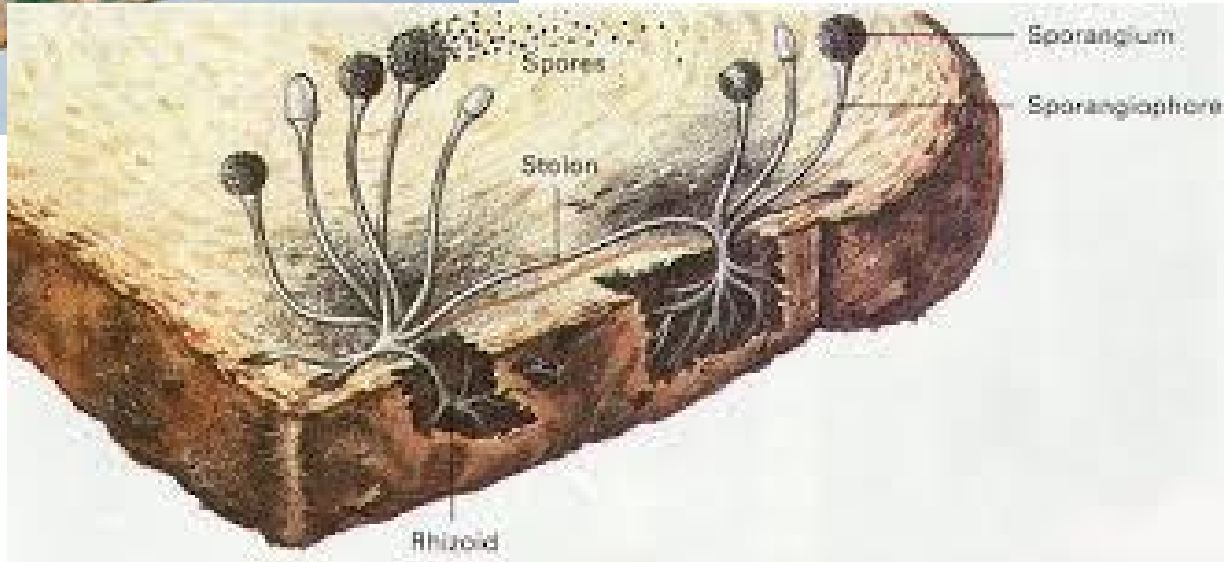


huby spájavé

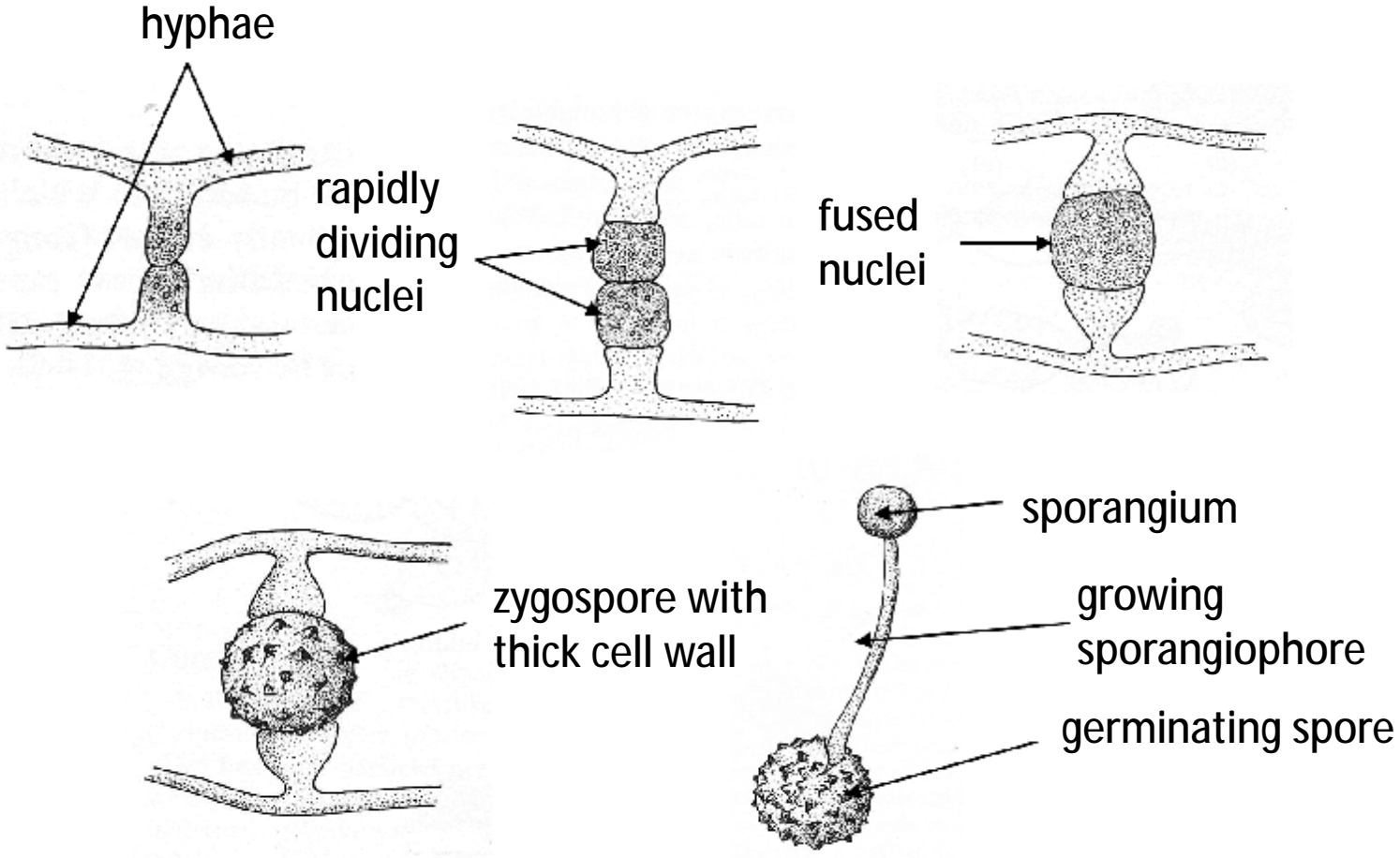
# *Rhizopus stolonifera*







# Sexual reproduction in ZYGOMYCOTA



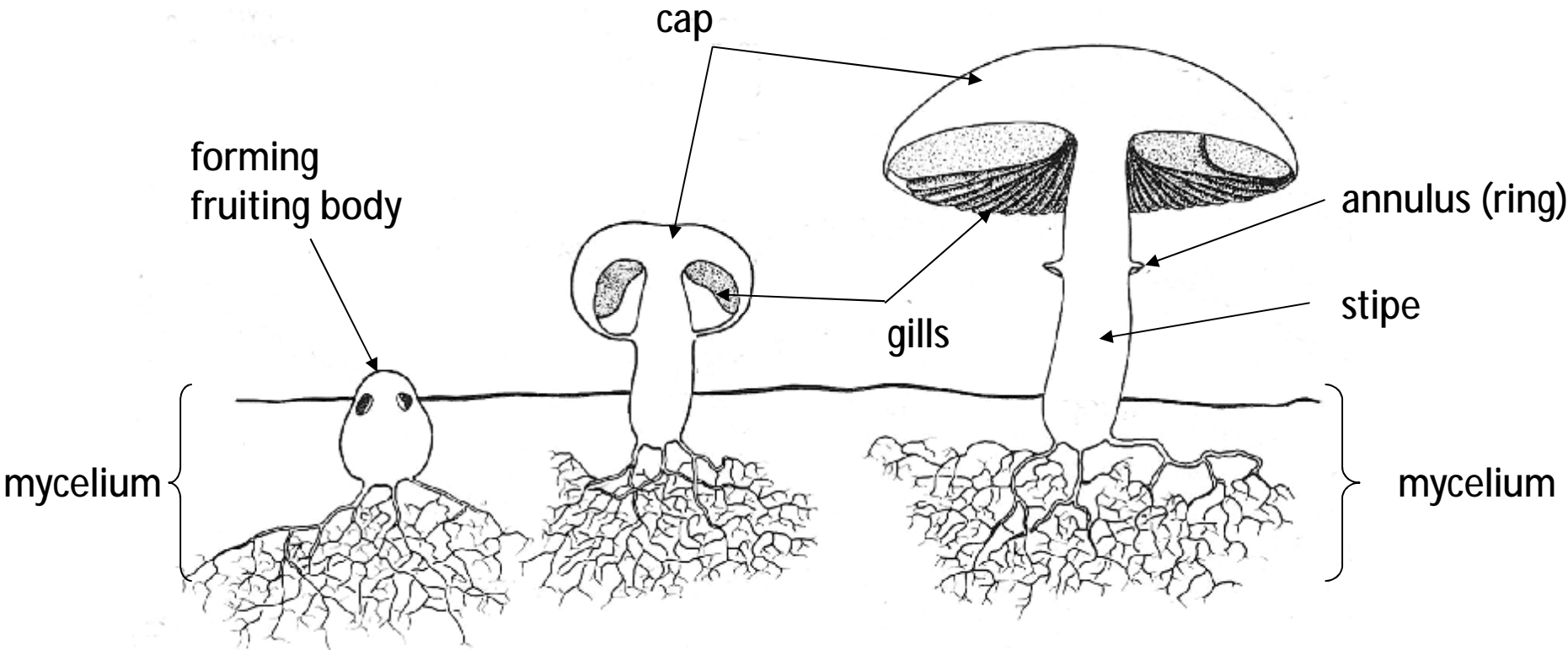


# BASIDIOMYCOTA



stopkovýtřusé huby

# BASIDIOMYCOTA



**gills underneath cap**

(some fungi have pores or downward-projecting, spine-like teeth beneath the cap)

**cap (or pileus)**

**basidia**

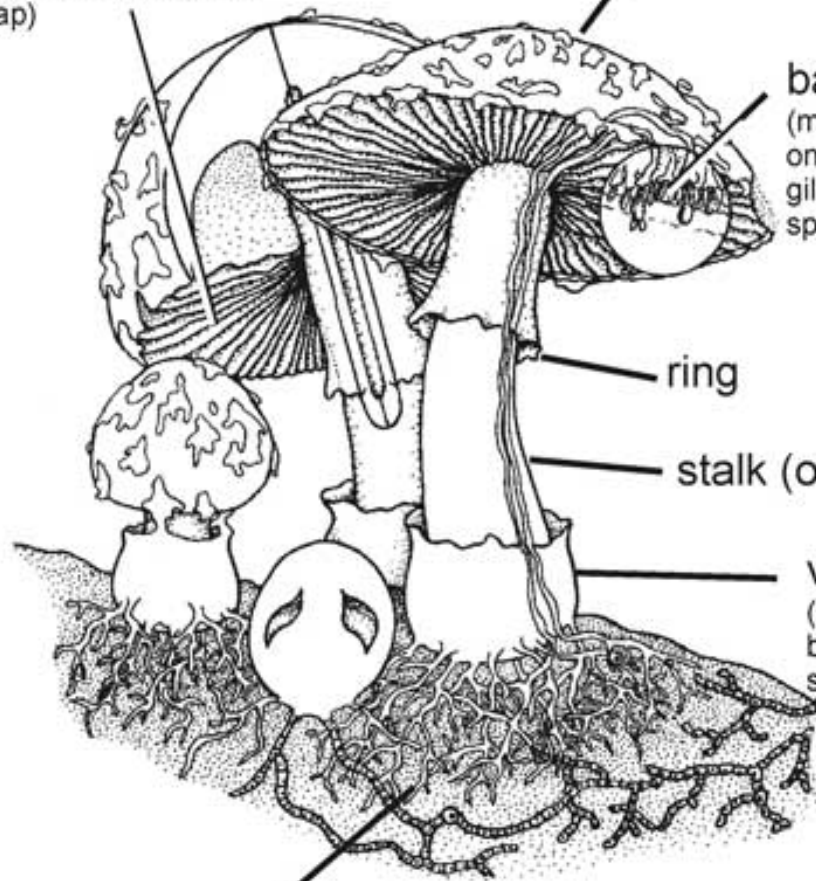
(microscopic cells on the sides of the gills, on which the spores form)

**ring**

**stalk (or stipe)**

**volva**

(sack-like layer at the base of the stalk of some fungi)



Livingstone ©BIOIDAC

microscopic mycelium within the substrate on which the fungus is growing

9/4/95



*Agaricus (Psilotus) arvensis*





*Amanita muscaria* (toadstool)