

HI

FROM

APPY

FIZZ

MAM



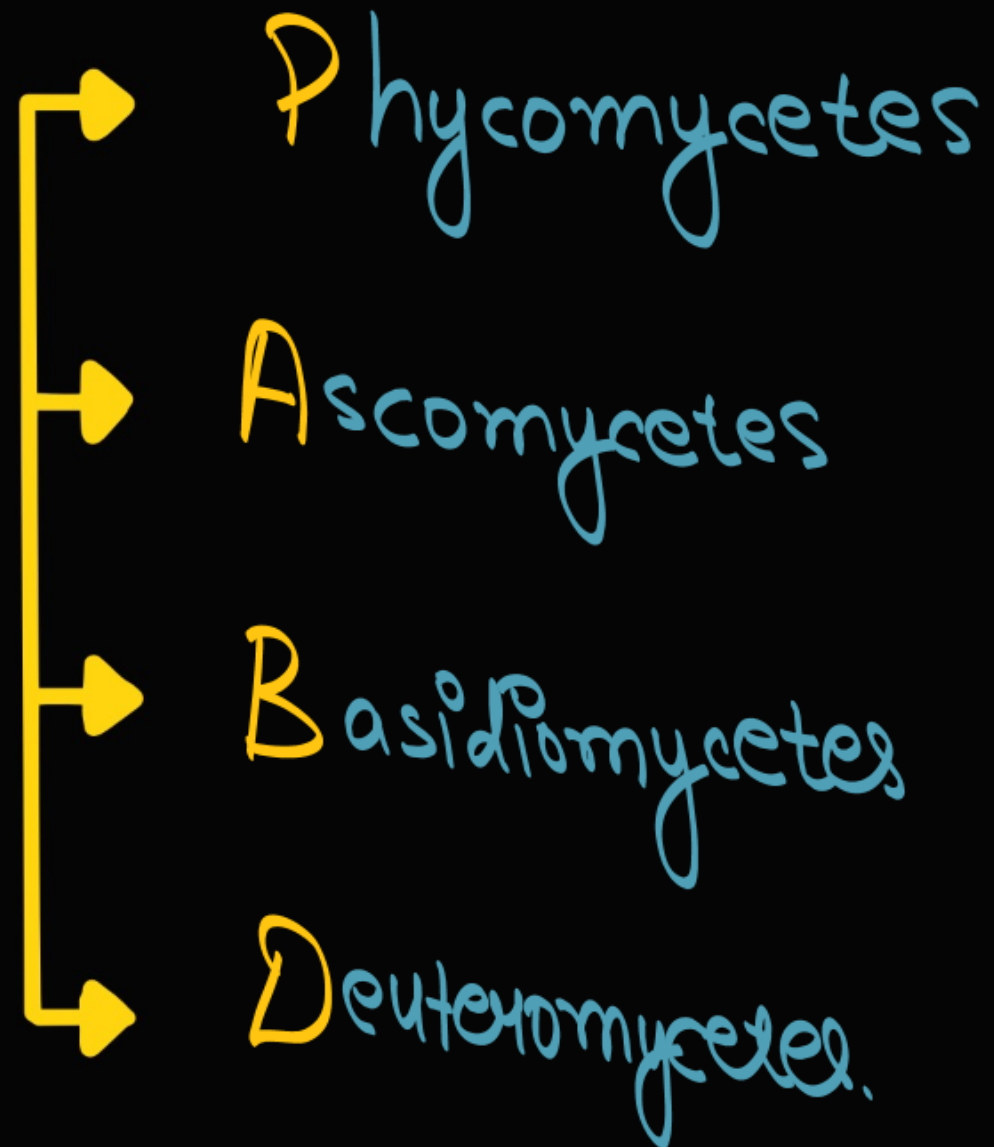
#appyfizzian



**Level sabke niklenge, par niklega ka
uska jo Apeksha mam ke sath padhega**



- True fungi are divided into following classes on the basis of morphology of mycelium, mode of spore formation and fruiting bodies during sexual reproduction –





Aseptate (multinucleated)

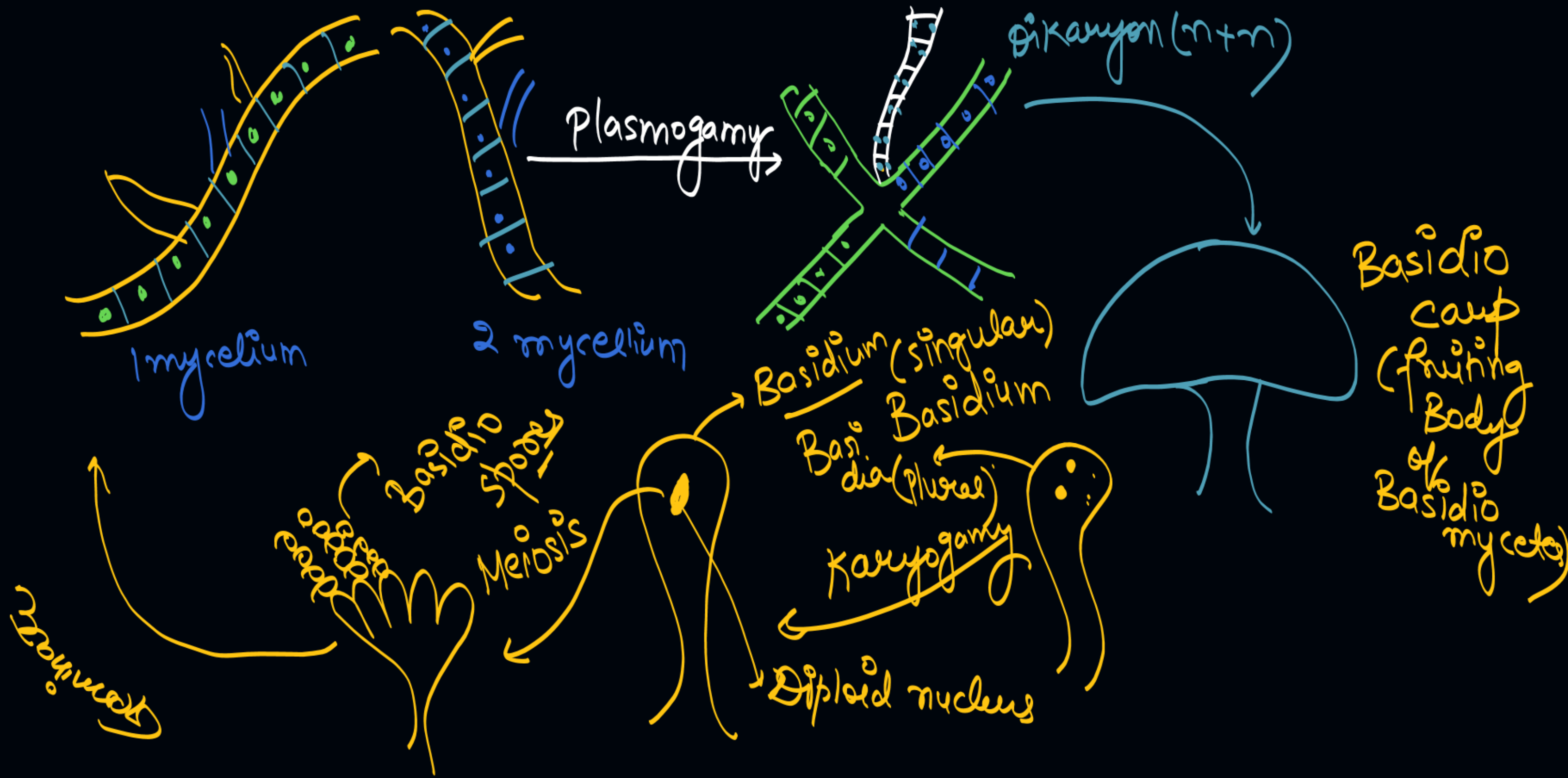


CLASSES OF FUNGI

characters	Phycomycetes	Ascomycetes	Basidiomycetes	Deuteromycetes
Mycellium	Aseptate/ coenocytic.	Septate/Branch- ed	Septate/Branch- ed	Septate/ Branched
Common Name	—	Sac. fungi	club fungi	Imperfect fungi
Habitat	Few (Aquatic) Terrestrial (majority)	Coprophilous (growing on dung)	Soil, logs & tree stumps	Decomposers of litter & mineral cycling
Asexual spores	Zoospores (flagella) Sporangiospores	Conidia	Absent	Conidia

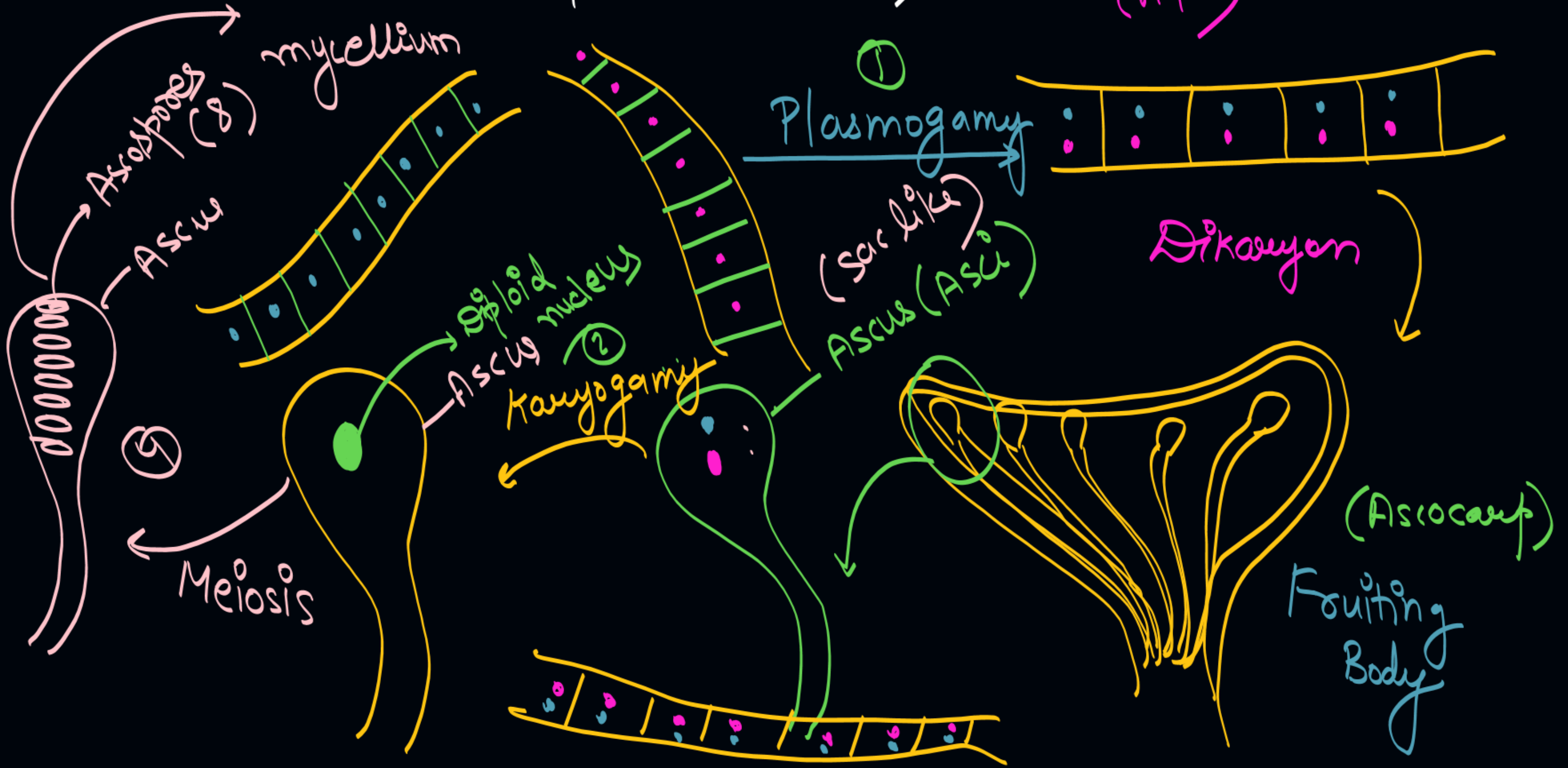
isogamy → similar morphology 
 Anisogamy → Different 
 ↑
 Oogamy → 

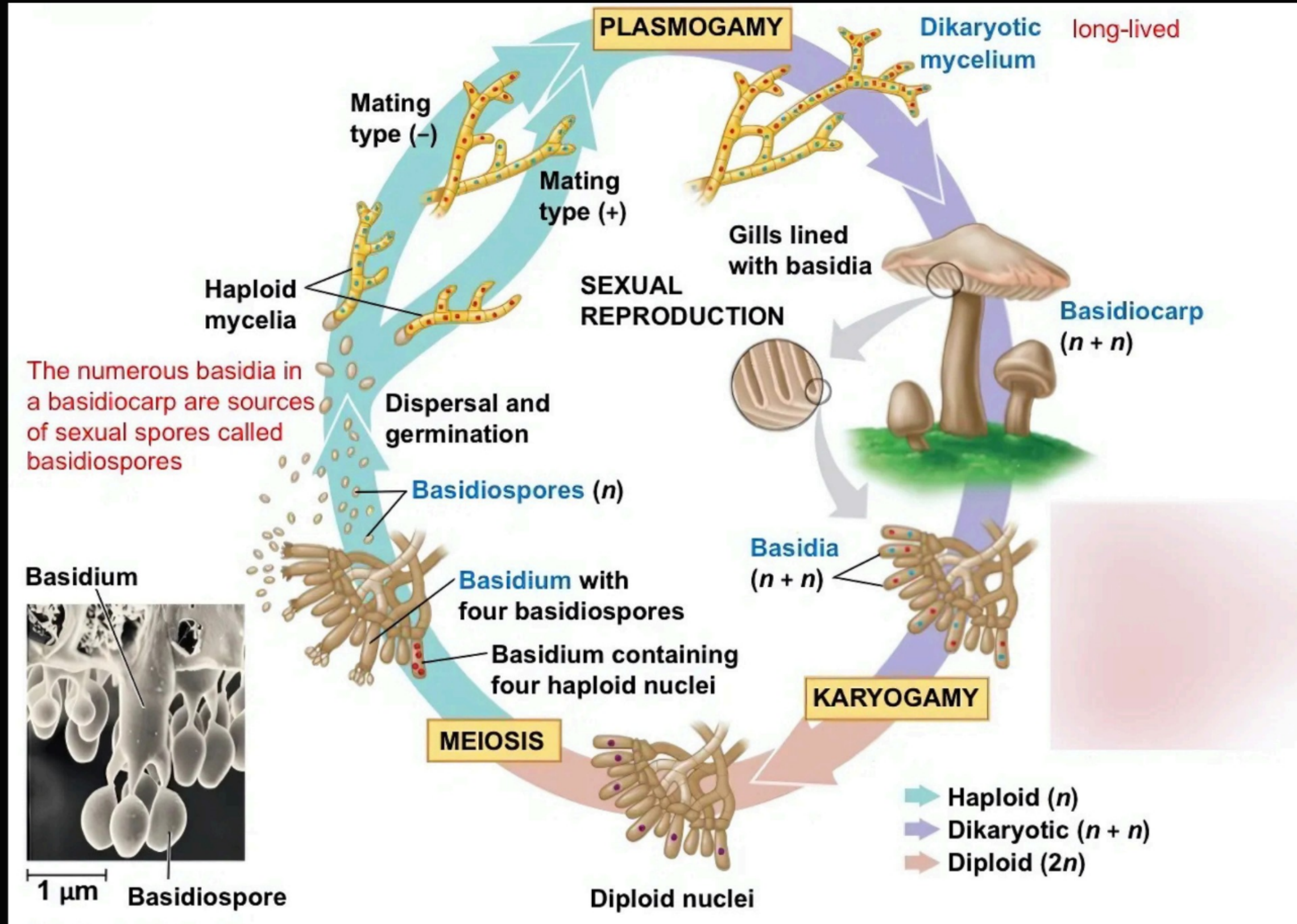
Sexual spores	Zygospores	Asco spores	Basidio spores	Absent
Sexual Reprod-uction	Present	Present	Present	Absent
Fruiting Bodies	Absent	Aslocarp	Basidiocarp	Absent



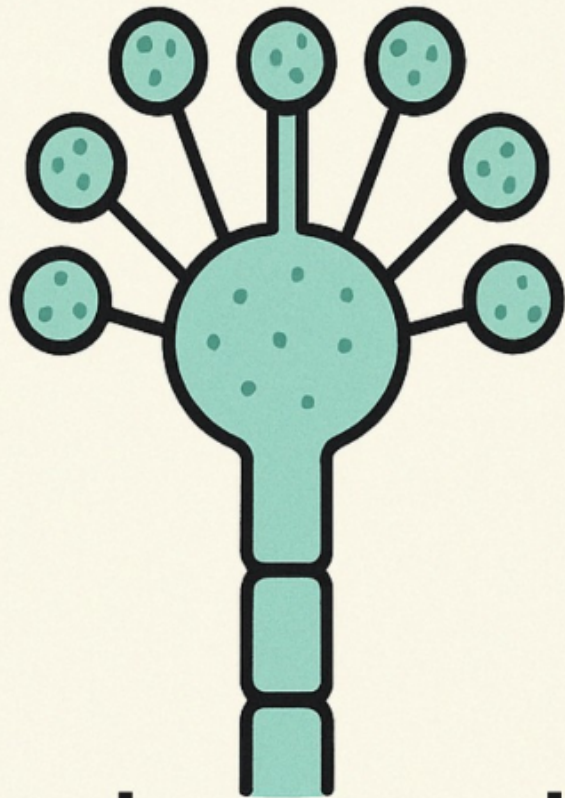
#apple 2

Sexual spores (Ascospores)





Everyone thought
I was just a simple
Deuteromycete...



Deuteromycete

Until they saw
my perfect side

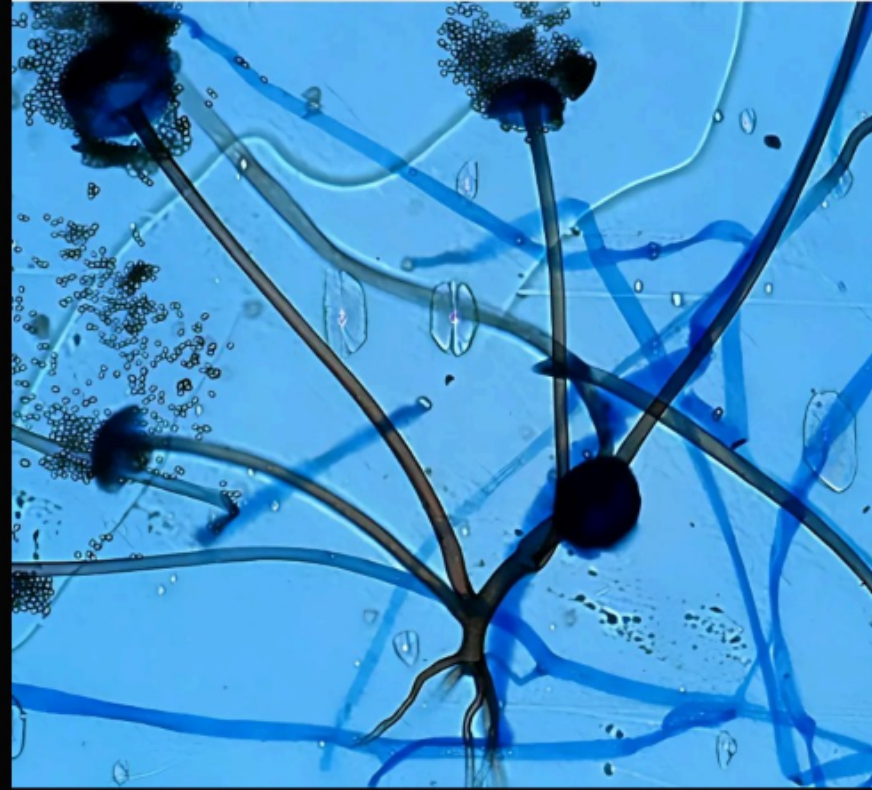


(Now I'm in the Ascomycetes club!)

PHYCOMYCETES



Mucor



Rhizopus
(the bread mould)

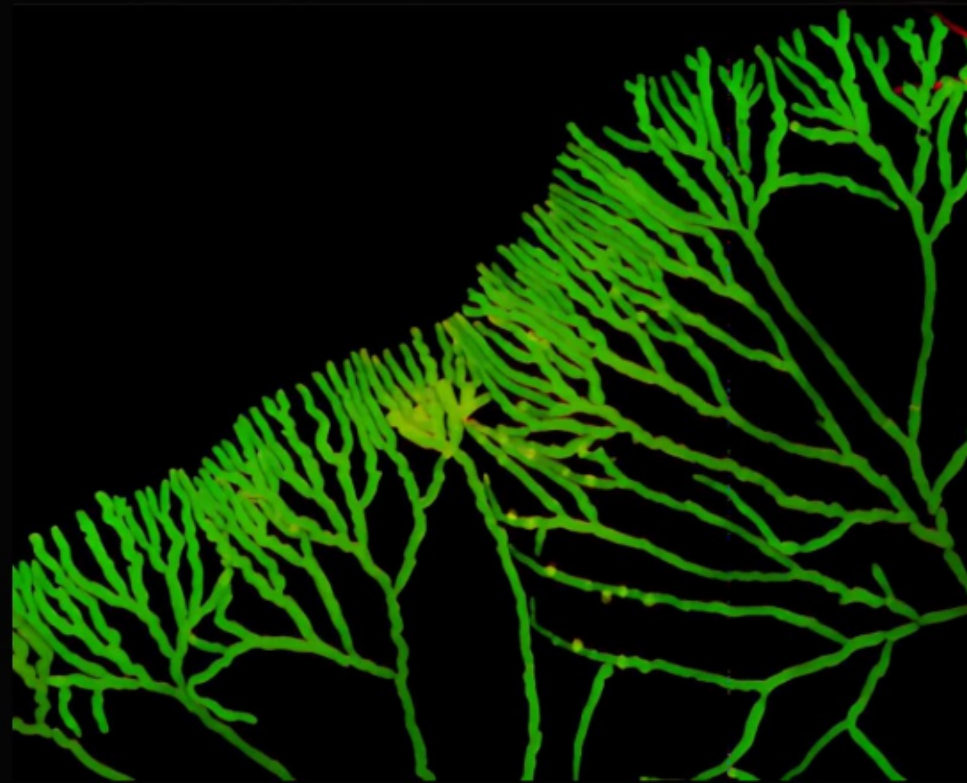


Albugo (the parasitic
fungi on mustard).

ASCOMYCETES



Aspergillus



Neurospora



Claviceps



Morels



Truffles.

BASIDIOMYCETES



Agaricus (mushroom)



Ustilago (smut)



Puccinia (rust fungus)

DEUTEROMYCETES

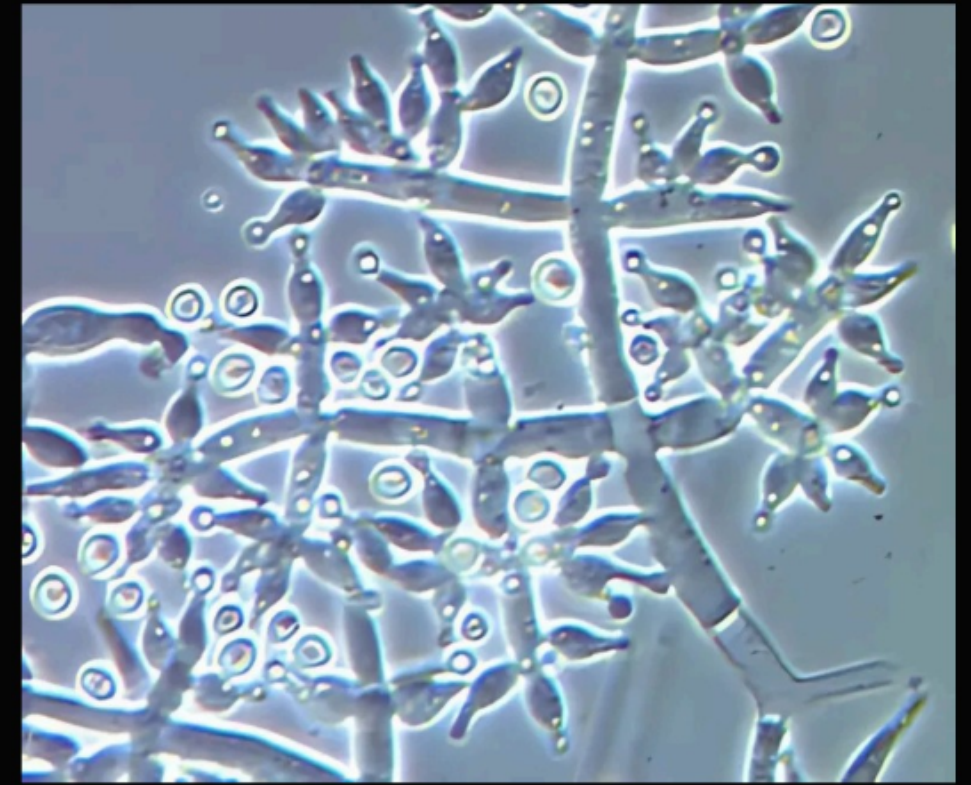
Examples



Alternaria



Colletotrichum



Trichoderma

QUESTIONS

Which of the following is a parasitic fungi on the mustard plant?

- ☒ a. Albugo
- b. Puccinia
- c. Yeast
- d. Ustilago

QUESTIONS

Which of the following group is also known as club fungi?

- a. Basidiomycetes
- b. Ascomycetes
- c. Deuteromycetes
- d. Phycomycetes

QUESTIONS

Which of the following group's fungi are unable to reproduce sexually?

- a. Basidiomycetes
- b. Ascomycetes
- c. Deuteromycetes
- d. Phycomycetes

QUESTIONS

Agaricus belongs to _____ .

- a. Basidiomycetes
- b. Ascomycetes
- c. Deuteromycetes
- d. Phycomycetes

(A)