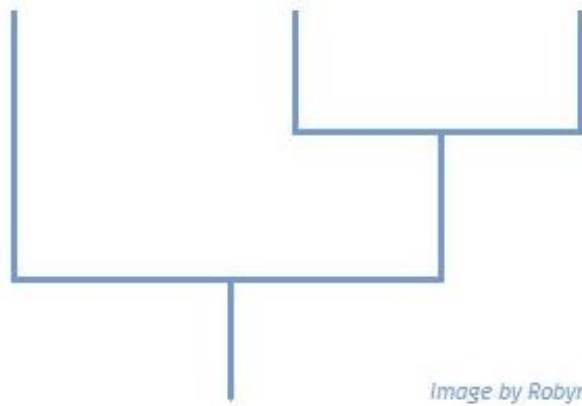


Kingdom Fungi

How do fungi relate to plants and animals?

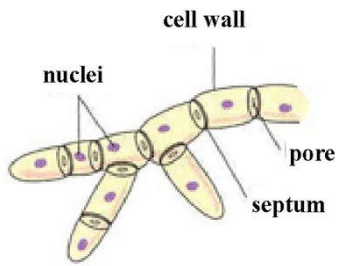


Ancestral Protist

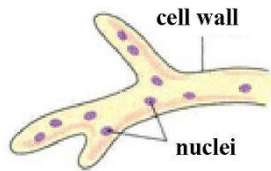
Image by Robyn Broyle

Main Characteristics of Kingdom Fungi

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

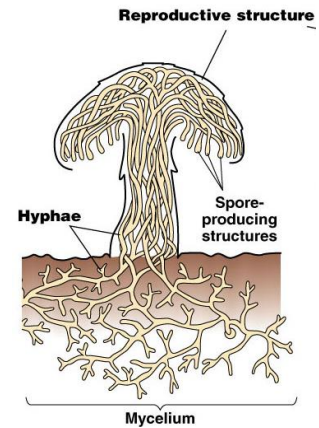
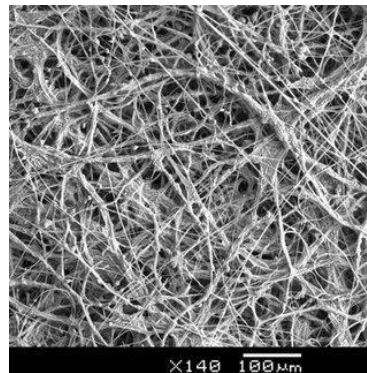
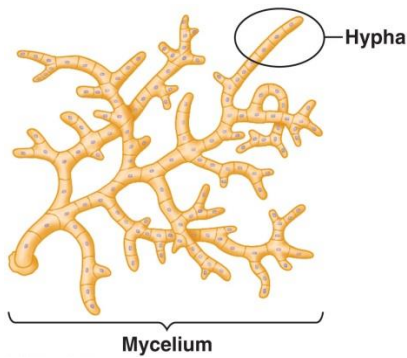


(a) septate hypha



(b) nonseptate hypha

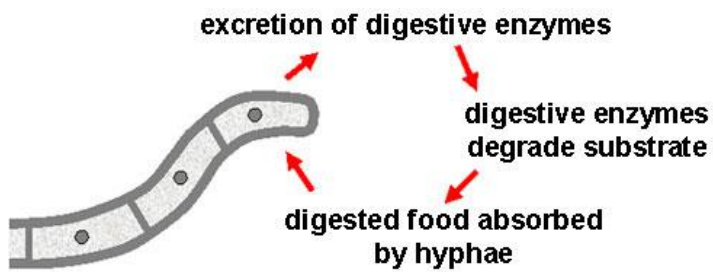
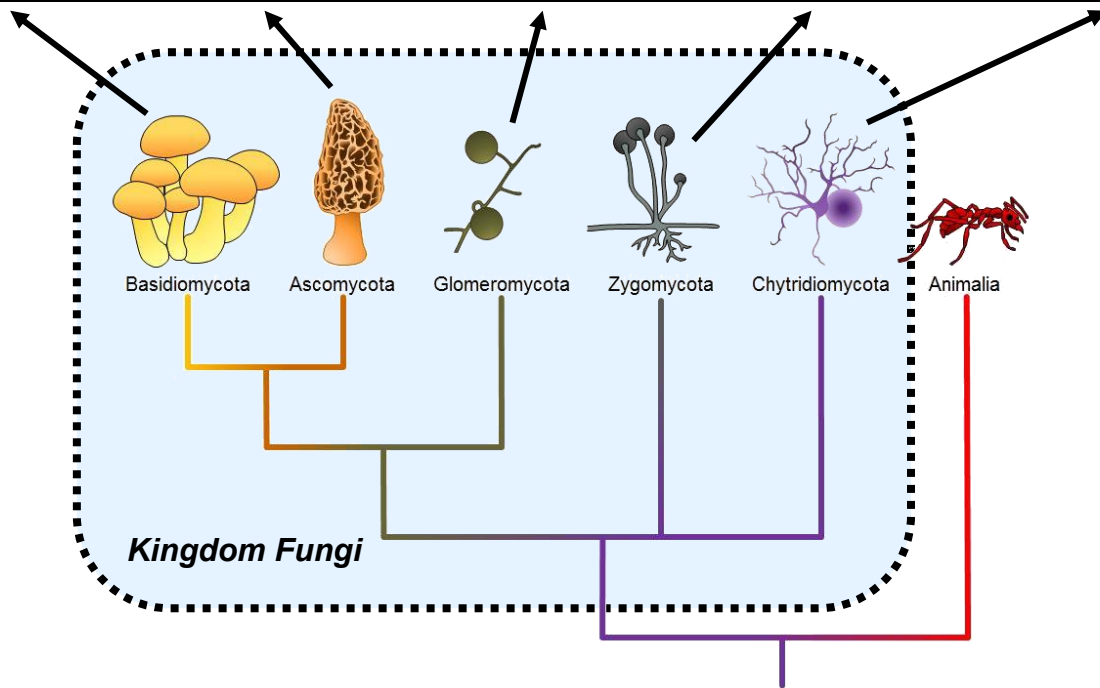
Hyphae: _____



Mycellium: _____

Characteristics of 5 Main Phyla of Fungi

Basidiomycota	Ascomycota	Glomerocyta	Zygomycota	Chytridiomycota



Symbiosis (mutualism)

- A mutually beneficial relationship between two different organisms
- examples*
 - Lichen
 - Mycorrhizea

Lichen

Role of fungus:

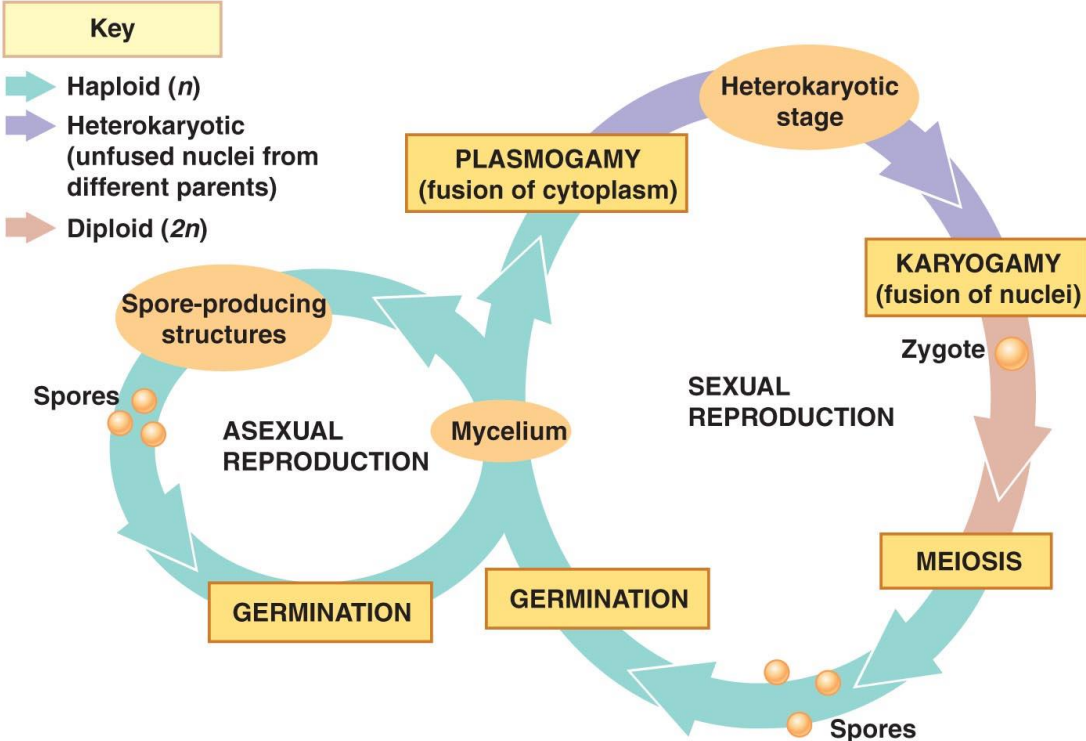
Role of cyanobacteria
Or green algae :

Mycorrhizea

Role of fungus:

Role of plant:

Fungi Life Cycle



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