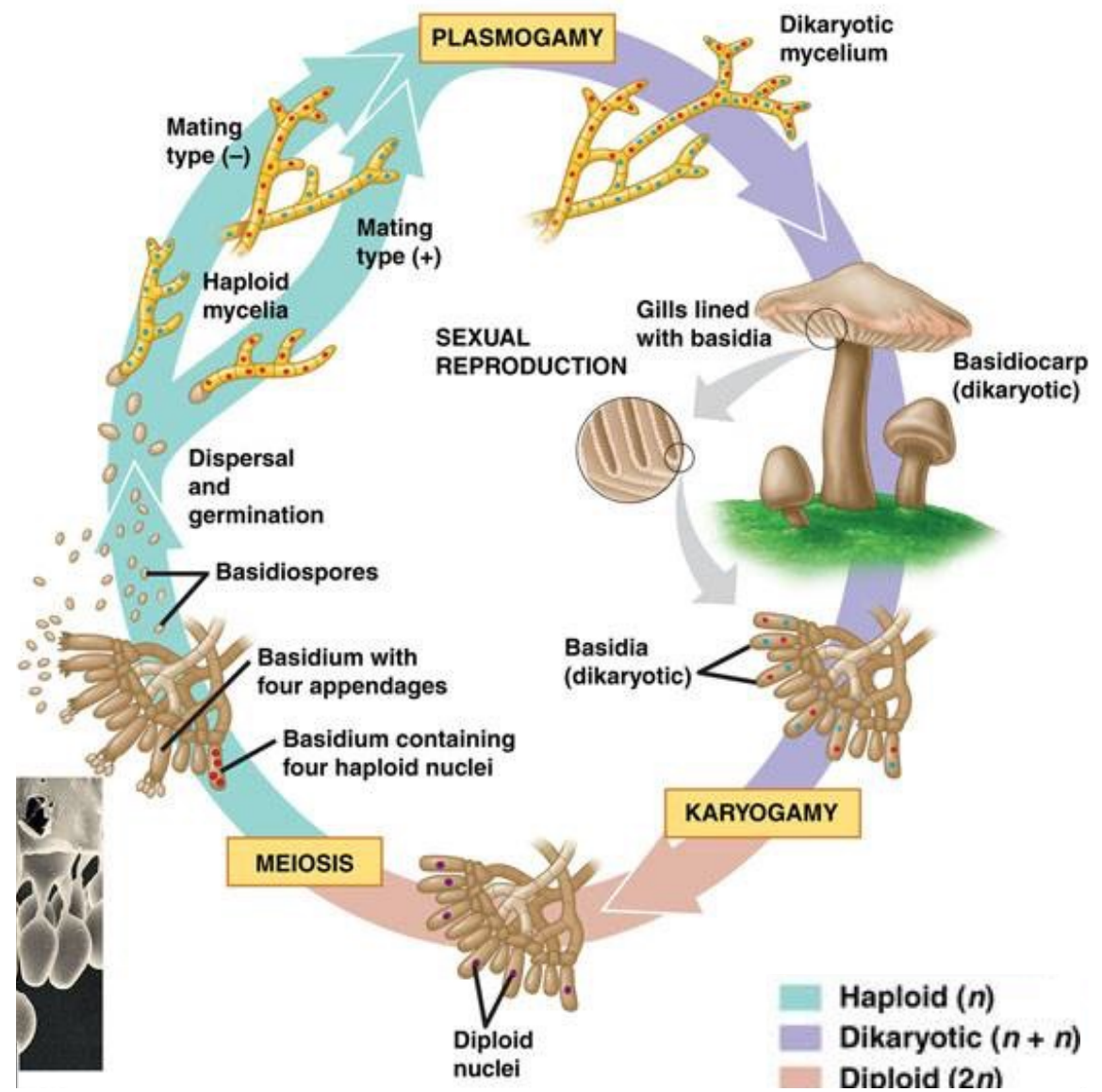


3. Reproduction

multicellular Basidiomycete



Terminology

- polytomy
- yeasts
- Filaments
- Hypha / hyphae
- Mycelium / mycelia
- chitin
- septa
- Saprophyte / saprophytic
- Symbiont
- Conidia
- Dikaryotic stage
- Plasmogamy
- Karyogamy

Some key learning objectives

(this is an example to help answer the question 'what should I know for the exam?'. From this example you should be able to go to other lectures & identify learning objectives from the structure each lecture)

You should :

- Understand a bit more about reading phylogenies (e.g. identifying polytomies and what they mean)
- Know what distinguishes fungi from other organisms
- Be able to describe some major impacts of fungi on ecosystems
- Be able to connect these impacts to key aspects of fungal biology
- Understand main stages of fungal reproduction and what makes it unique
- Be able to identify similarities and differences between fungal reproduction and dispersal vs that of plants (future lectures)
- Realize that fungi are super awesome