

Raven et al. 2005, pp. 260-266 (intro to Fungi) 272-282 (basids), 291-294 (mycorrhizae)

Basidiomycota

Basidiomycota lineages, Hymenomycete, Urediniomycete (rust),
Ustilaginomycete (smut)

Coprinus life cycle, dikaryotic mitosis and “clamps”

Basidiospore formation and discharge

Basidium types

Genetic control of mating

Ascomycota introduction

Ascomycota lineages

Ascus

Numbers of fungi and missing Deuteromycota, lichens

Ascomycota life cycle

Taphrinomycotina (Early diverging Ascomycota)

Hemiascomycotina (Yeasts)

Life cycle

Mating type and switching

Natural history

Fermentation

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