

Comparison of Fungi

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	Nuclei in sporophyte	Tendency of Infection	Reproduction	Dikaryotic Stage	Hyphae
Ascomycota	Haploid	Moderate (Ringworm, <i>Candida sp.</i>)	Ascospores, Conidiospores	Large	Septate
Basidiomycota	Haploid	Moderate (<i>Cryptococcus sp.</i>)	Basidiospores, fragmentation	Large	Septate
Zygomycota	Haploid	Very Low	Zygospores, Sporangiospores	Short	Coenocytic, Aseptate
Glomeromycota	Haploid	High	None, Glomeromycota	None	Coenocytic, Aseptate

	No. Of Species	Common Name	Dimorphism	Examples	Uses
Ascomycota	64000	Sac Fungi	Yes (Most)	Yeast, Penicillium	Baking, Medicine
Basidiomycota	31000	Club Fungi	Yes	Phallaceae, Puffballs	Food
Zygomycota	1060	Conjugating Fungi	No	Mucorales, Rhizopus Sp.	Leather, detergent, medicine
Glomeromycota	230	Arbucular Fungi	No	Mycorrhizae	None