

TAXON	PLOIDY	ASEXUAL REPRODUCTION	SEXUAL REPRODUCTION	EXAMPLES	NOTES
Acrasiomycota cellular slime molds	haploid		rare or absent	<i>Dictyostelium</i>	
Myxomycota plasmodial slime molds			sporangium w/ meiosis	<i>Physarum</i>	
Oomycota egg fungi, water molds		zoospores, sporangium w/ mitosis		<i>Achlya</i>	
Zygomycota zygospore-forming fungi				<i>Rhizopus</i>	
Ascomycota sac fungi	haploid and dikaryotic		ascus (ascospores, ascocarp, 8 spores)	<i>Peziza</i> yeasts	lichens (most)
Basidiomycota club fungi		none		<i>Agaricus</i> <i>Coprinus</i>	
Deuteromycota imperfect fungi	haploid (?)		none or unknown	<i>Aspergillus</i>	