

Draft classification of the Fungi. October, 2006

This classification incorporates changes to the prior (January 2006) draft classification, which were made mostly in two phases in July and September/October 2006. See the document Prop_changes_Oct2006.doc for a description of these changes.

Groups that were modified in July 2006 are indicated here in **blue**, and those modified in September/October 2006 are in **red**.

Phylum (/Subkingdom)	Subphylum	Class	Subclass	Order
Fungi inc. sed.				
	Kickxellomycotina			
				Kickxellales
				Dimargaritales
				Harpellales
				Asellariales
	Zoopagomycotina			
				Zoopagales
	Entomophthoromycotina			
				Entomophthorales
	Fungi inc. sed.			
				<i>Olpidium</i>
				<i>Rozella</i>
				<i>Basidiobolus</i>
Blastocladiomycota				
		Blastocladiomycetes		
				Blastocladales
Microsporidiomycota				
Zygomycota	Mucoromycotina			
				Mucorales
				Endogonales
				Mortierellales
Chytridiomycota	Chytridiomycotina			
		Chytridiomycetes		
				Chytridiales
				Spizellomycetales
				Rhizophydiales
		Neocallimastigomycetes		
				Neocallimastigales
		Monoblepharidomycetes		
				Monoblepharidales
Glomeromycota				
				Archaeosporales
				Diversisporales
				Glomerales
				Paraglomerales
SUBKINGDOM: Dikarya				
Ascomycota				
	Taphrinomycotina			
		Neoelectomycetes		

			Neoelectales
		Pneumocystidomycetes	
			Pneumocystidales
		Schizosaccharomycetes	
			Schizosaccharomycetales
		Taphrinomycetes	
			Taphrinales
	Saccharomycotina		
		Saccharomycetes	
			Saccharomycetales
	Pezizomycotina		
		Arthoniomycetes	
			Arthoniales
		Dothideomycetes	
			Dothideomycetidae
			Capnodiales
			Dothideales
			Myriangiales
			Pleosporomycetidae
			Pleosporales
			Dothideomycetes inc. sed.
			Botryosphaeriales
			Hysteriales
			Patellariales
			Jahnulales
		Eurotiomycetes	
			Chaetothyriomycetidae
			Chaetothyriales
			Pyrenulales
			Verrucariales
			Eurotiomycetidae
			Coryneliales
			Eurotiales
			Onygenales
			Mycocaliciomycetidae
			Mycocaliciales
		Laboulbeniomycetes	
			Laboulbeniales
			Pyxidiophorales
		Lecanoromycetes	
			Acarosporomycetidae
			Acarosporales
			Lecanoromycetidae
			Lecanorales
			Peltigerales
			Teloschistales
			Ostropomycetidae

			Agyriales
			Baeomycetales?
			Ostropales
			Pertusariales
			<i>incertae sedis</i>
			Umbilicariales
		Leotiomycetes	
			Cyttariales
			Erysiphales
			Helotiales
			Rhytismatales
			Thelebolales
		Lichinomycetes	
			Lichinales
		Orbiliomycetes	
			Orbiliales
		Pezizomycetes	
			Pezizales
		Sordariomycetes	
			Hypocreomycetidae
			Coronophorales
			Microascales
			Hypocreales
			Sordariomycetidae
			Boliniales
			Chaetosphaeriales
			Coniochaetales
			Diaporthales
			Ophiostomatales
			Sordariales
			Xylariomycetidae
			Xylariales
			Sordariomycetes inc. sed.
			Calosphaeriales
			Lulworthiales
			Meliolales
			Phyllachorales
			Spathulosporales
			Trichosphaeriales
		<i>Pezizomycotina inc. sed.</i>	
			Lahmiales
			Medeolariales
			Triblidiales
			Trichotheliales
Basidiomycota			
	Agaricomycotina		
		Tremellomycetes	

			Cystofilobasidiales
			Filobasidiales
			Tremellales
		Dacryomycetomycetes	
			Dacrymycetales
		Agaricomycetes	
			Agaricomycetidae
			Agaricales
			Atheliales
			Boletales
			Phallomycetidae
			Geastrales
			Gomphales
			Hysterangiales
			Phallales
			Agaricomycetes <i>inc. sed.</i>
			Auriculariales
			Cantharellales
			Corticiales
			Gloeophyllales
			Hymenochaetales
			Polyporales
			Russulales
			Sebacinales
			Thelephorales
			Trechisporales
	Pucciniomycotina		
		Pucciniomycetes	
			Helicobasidiales
			Platyglloeales
			Septobasidiales
			Pucciniales
			Pachnocybales
		Cystobasidiomycetes	
			Cystobasidiales
			Erythrobasidiales
			Naohideales
			Taxa <i>inc. sed.</i>
		Agaricostilbomycetes	
			Agaricostilbales
			Spiculogloeales
		Microbotryomycetes	
			Heterogastridiales
			Leucosporidiales
			Microbotryales
			Sporidiobolales

			<i>Taxa inc. sed.</i>
		Atractiellomycetes	
			Atractiellales
		Classiculomycetes	
			Classicales
		Cryptomycocolacomycetes	
			Cryptomycocolacales
		Mixiomycetes	
			Mixiales
		<i>Pucciniomycotina inc. sed.</i>	
			<i>Reniforma strues</i>
	Ustilaginomycotina		
		Exobasidiomycetes	
			Doassansiales
			Entylomatales
			Exobasidiales
			Georgefischeriales
			Microstromatales
			Tilletiales
		Ustilaginomycetes	
			Urocystales
			Ustilaginales
			Malasseziales
	<i>Basidiomycota inc. sed.</i>		
		Wallemiomycetes	
			Wallemiales
		Entorrhizomycetes	
			Entorrhizales