

Draft classification of the Fungi. July 15, 2005

Phylum	Subphylum	Class	Subclass	Order	Consultants	
Glomeromycota					Arthur Schussler Joe Morton Jim Trappe	
				Archaeosporales		
				Diversisporales		
				Glomerales		
				Paraglomerales		
Microsporidiomycota					Naomi Fast James Becnel Charles Vossbrink	
		Microsporidiomycetes				
				Microsporidiales		
				Minisporidiales		
				Pleistophoridiales		
			Orders <i>incertae sedis</i>			
				Cylindrosporidiales		
Zygomycota					Kerry O'Donnell Rich Humber Bob Lichtwardt Merlin White Gerald Benny	
		Mucoromycotina				
					Mucorales	
					Endogonales	
					Mortierellales	
		Harpellomycotina				
					Kickxellales	
					Dimargaritales	
					Harpellales	
					Asellariales	
		Entomophthoromycotina				
					Entomophthorales	
			Genera <i>incertae sedis</i>			
				<i>Basidiobolus</i>		
Chytridiomycota					Joyce Longcore David Porter Peter Letcher Sharon Mozley- Standridge	
		Blastocladiomycotina				
			Blastocladiomycetes			
					Blastocladiales	
		Chytridiomycotina				
			Chytridiomycetes			
					Chytridiales	
					Spizellomycetales	
		Neocallimastigomycetes				
				Neocallimastigales		
		Monoblepharomycetes				

				Monoblepharidales	
		Genera <i>incertae sedis</i>			
				<i>Olpidium</i>	
				<i>Rozella</i>	
Ascomycota					John Taylor Mary Berbee Meredith Blackwell
	Classes <i>Incertae sedis</i>				Junta Sugiyama
		Neoelectomycetes			
		Pneumocystidomycetes			
		Schizosaccharomycetes			
		Taphrinomycetes			
	Saccharomycotina				Clete Kurtzman Sung-Oui Suh
		Saccharomycetes			
				Saccharomycetales	
	Pezizomycotina				
		Arthoniomycetes			?
				Arthoniales	
		Dothideomycetes			Pedro Crous Conrad Schoch Mary Berbee Bob Shoemaker Sarah Hambleton Barry Pryor
				Capnodiales	
				Dothideales	
				Hysteriales	
				Jahnulales	
				Myriangiales	
				Patellariales	
				Pleosporales	
		Eurotiomycetes			David Geiser John Pitt Cécile Gueidan Randy Currah Wendy Untereiner
			Chaetothyriomycetidae		
				Chaetothyriales	
				Pyrenulales	
				Verrucariales	
			Eurotiomycetidae		
				Arachnomycetales	
				Ascosphaerales	
				Eurotiales	
				Onygenales	
		Laboulbeniomycetes			Meredith Blackwell Alex Weir
				Laboulbeniales	
				Pyxidiophorales	

		Lecanoromycetes			Andre Aptroot Jolanta Miadlikowska Valerie Reeb Thorsten Lumbsch
			Acarosporomycetidae		
				Acarosporales	
			Lecanoromycetidae		
				Lecanorales	
				Peltigerales	
				Teloschistales	
			Ostropomycetidae		
				Agyriales	
				Baeomycetales?	
				Ostropales	
				Pertusariales	
		Leotiomyces			Linda Kohn Don Pfister Brian Spooner Zheng Wang
				Cyttariales	
				Erysiphales	
				Helotiales	
				Rhytismatales	
				Thelebolales	
		Lichinomycetes			?
				Lichinales	
		Orbiliomycetes			Don Pfister
				Orbiliales	
		Pezizomycetes			Don Pfister Nancy Weber Karen Hansen Brian Spooner
				Pezizales	
		Sordariomycetes			
			Hypocreomycetidae		Amy Rossmann Gary Samuels
				Coronophorales	
				Halosphaeriales	
				Hypocreales	
				Microascales	
			Sordariomycetidae		Sabine Hundorf Andy Miller
				Boliniales	
				Chaetosphaeriales	
				Coniochaetales	
				Diaporthales	
				Ophiostomatales	
				Sordariales	
			Xylariomycetidae		Jack Rogers
				Xylariales	
			Sordariomycetes Orders		

			incertae sedis		
				Calosphaeriales	
				Lulworthiales	
				Meliolales	
				Phyllachorales	
				Spathulosporales	
				Trichosphaeriales	
		Pezizomycotina Orders incertae sedis			
				Coryneliales	
				Lahmiales	
				Medeolariales	
				Mycocaliciales	
				Triblidiales	
				Trichotheliales	
Basidiomycota					Franz Oberwinkler Robert Bandoni Eric Swann
	Agaricomycotina				Ewald Langer Greg Mueller Scott Redhead Thomas Laessoe
		Tremellomycetes			Michael Weiss Teun Boekhout
				Cystofilobasidiales	Jack Fell
				Filobasidiales	Michael Weiss
				Tremellales	Michael Weiss Chee-Jen Chen
		Dacrymycetes			Michael Weiss
				Dacrymycetales	
		Agaricomycetes			
			Agaricomycetidae		
				Agaricales	Jean-Marc Moncalvo R. Greg Thorn Karen Hughes Jean Lodge Ursula Peintner Tim Baroni
				Atheliales	Karl-Henrik Larsson Nils Hallenberg
				Boletales	Manfred Binder Nils Hallenberg Roy Halling Zhu-Liang Yang Annette Kretzer
			Phallomycetidae		Kentaro Hosaka Wes Colgan Jim Trappe
				Geastrales	
				Gomphales	Admir Giachini
				Hysterangiales	

				Phallales	
			<i>Orders incertae sedis</i>		Michael Weiss Gaston Guzman
				Auriculariales	
				Cantharellales	Jean-Marc Moncalvo Henrik Nilsson Eric Dannell Susan Dunham
				Corticiales	Karl-Henrik Larsson Nils Hallenberg
				Gloeophyllales	
				Hymenochaetales	Karl-Henrik Larsson Aristoteles Goes-Neto Erast Parmasto
				Polyporales	Karl-Henrik Larsson Leif Ryvarden Yu-Cheng Dai
				Russulales	Steve Miller Karl-Henrik Larsson Ellen Larsson Teresa Lebell Bart Buyck
				Sebacinales	Michael Weiss
				Thelephorales	Urmas Kõljalg
				Trechisporales	Karl-Henrik Larsson
	Uredinomycotina				Cathie Aime Beth Frieders Jose Paulo Sampaio Alvaro Fonseca Michael Weiss Robert Bauer Les Szabo Patricia Crane Tom Bruns Daniel Henk Brenda Wingfield
		Urediniomycetes			
			Urediniomycetidae		
				"Helicobasidiales"?	
				Platyglloeales	
				Septobasidiales	
				Uredinales	
				<i>Taxa incertae sedis</i>	
				"Erythrobasidiomycetidae"?	
				Cystobasidiales	

				"Erythrobasidiales"?	
				Taxa <i>incertae sedis</i>	
			Agaricostilbomycetidae		
				Agaricostilbales	
			Microbotryomycetidae		
				Heterogastridiales	
				Leucosporidiales	
				Microbotryales	
				Sporidiobolales	
				Taxa <i>incertae sedis</i>	
			Orders <i>incertae sedis</i>		
				Atractiellales	
				Classiculales	
				Cryptomycocolacales	
			Other taxa <i>incertae sedis</i>		
				Mixiaceae	
				"Mycogloea group"	
				<i>Reniforma strues</i>	
	Ustilaginomycotina				Robert Bauer Dominik Begerow Franz Oberwinkler Meike Piepenbring Lori Carris Lisa Castlebury Kalman Vanky
		Ustilaginomycetes			
			Entorrhizomycetidae		
				Entorrhizales	
			Exobasidiomycetidae		
				Doassansiales	
				Entylomatales	
				Exobasidiales	
				Georgefischeriales	
				Malasseziales	
				Microstromatales	
				Tilletiales	
			Ustilaginomycetidae		
				Urocystales	
				Ustilaginales	