

## Mushroom Morphology Chart. Class Agaricomycetes (Subphylum Agaricomycotina, Phylum Basidiomycota, Kingdom Fungi)

Order:	Agaricales	Boletales	Russulales	Thelephorales	Polyporales	Hymenochaetales	Gloeophyllales	Corticiales
Gills	Agaricus Amanita Coprinus Cortinarius Entoloma Lepiota Pleurotus many others	Chroogomphus Gomphidius Hygrophoropsis Paxillus Phylloporus Tapinella	Lactarius Lactifluus Lentinellus Russula	Lenzitopsis	Lentinus Trametes (Lenzites) Panus	Rickenella	Gloeophyllum Heliocybe Neolentinus	
Pores	Fistulina Favolaschia Porodisculus Poromyceia	Boletus Gyrodon Leccinum Strobilomyces Suillus Tylopilus many others	Albatrellus Bondarzewia Heterobasidion	Boletopsis	Fomes Ganoderma Grifola Laetiporus Phaeolus Polyporus many others	Coltricia Inonotus Oxyporus Phellinus Pseudoinonotus Trichaptum many others	Gloeophyllum	
Teeth	Deflexula	Gyrodontium Hydnomerulius	Echinodontium Auriscalpium Heridium	Hydnellum Phellodon Sarcodon	Climacodon Etheironotus Mycorrhaphium Steccherinum	Asterodon Hyphodontia Resinicium		
Club, Coral	Clavaria Clavulinopsis Macrotyphula Ramariopsis		Artomyces (Clavicornia)	Thelephora	Sparassis	Alloclavaria Clavariachaete		
Cantharelloid				Polyozellus Thelephora	Faerberia	Cotylidia		
Crust or Parchment	Chondrostereum	Coniophora Serpula	Aleurodiscus Laxitextum Peniophora Stereum Vararia Xylobolus	Thelephora Tomentella	Byssomerulius Merulius Phanerochaete Phlebia Terana (Pulcherrimum)	Basidioradulum Hymenochaete Hymenochaetopsis Hyphodontia Xylodon	Borostereum	Corticium Cytidia Dendrocorticium Dendrothele Punctularia and others
Gasteroid, Secotioid	Bovista Calvatia Crucibulum Cyathus Lycoperdon Nivatogastrium Tulostoma	Astraeus Calostoma Melanogaster Octaviania Pisolithus Rhizopogon Scleroderma	Arcangeliella Gymnomyces Macowanites Zelleromyces					

Patrick Leacock, MycoGuide.com, July 2015. Updated and expanded from the 2007 MykoWeb page by Michael Wood & Gary Lincoff.

## Mushroom Morphology Chart. Class Agaricomycetes (continued), plus Dacrymycetes, Tremellomycetes

Class:	Agaricomycetes						Dacrymycetes	Tremellomycetes
	Phallomycetidae				Jelly Fungi		Jelly Fungi	
Order:	Gomphales	Phallales	Geastrales	Cantharellales	Sebacinales	Auriculariales	Dacrymycetales	Tremellales
Gills	Gloeocantharellus			Cantharellus				
Pores						Elmerina		
Teeth	Beenakia Kavinia			Hydnum Sistotrema		Pseudohydnum		
Club, Coral	Clavariadelphus Lentaria Ramaria			Clavulina Multiclavula	Sebacina (Tremellodendron)		Calocera	
Cantharelloid	Gomphus			Cantharellus Craterellus	Tremelloscypha	Tremiscus		
Crust or Parchment	Kavinia			Botryobasidium Sistotrema Tulasnella	Sebacina Tremellostereum	Exidiopsis	Cerinomyces	
Gasteroid, Secotioid	Gautieria	Mutinus Phallus and others	Geastrum Myriostoma Sphaerobolus					
Jelly (and all genera in last 4 columns)					Sebacina	Auricularia Ductifera Exidia	Dacrymyces Dacryopinax Guepinopsis	Carcinomyces Phaeotremella Tremella and others

Additional Orders not shown for Class Agaricomycetes: Amylocorticiales, Atheliales, Hysterangiales, Jaapiales, Lepidostromatales, Trechisporales

Additional Orders not shown for Class Tremellomycetes: Cystofilobasidiales, Filobasidiales, Holtermanniales, Trichosporonales

Additional Classes not shown for Subphylum Agaricomycotina: Wallemiomycetes

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