

**Mushrooms** are not plants or animals. Mushrooms are in the **Kingdom Fungi**.




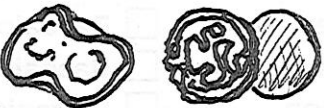

Kingdom	Animals	Plants	Fungi
Support	Skeleton	Cell walls	Cell walls
Food source	Consumer	Producer, Photosynthesis	Consumer
Storage	Glycogen, Fat, Oil	Starch, Oil	Glycogen, Oil
Dispersal	Can move	Spores, seeds	spores


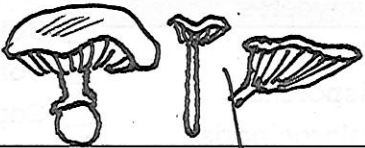









Fungi have different ways of obtaining food:

**Parasites** digest the living parts of plants, animals, fungi.

**Mutual Symbionts** share resources with plants, algae

**Decomposers** digest dead plants, animals, fungi.

<b>Ascomycota</b> produce spores inside the reproductive cell (ascus)	
<b>Discomycetes</b> = "disk fungi" Fruitbody is cup shaped or folded	
<b>Pyrenomycetes</b> = "fire fungi" Fruitbody has tiny chambers in a black form	
<b>Truffles</b> Underground fruitbody. Dispersed by animals	
<b>Lichens</b> symbiotic with algae. Found on trees, rocks, ground	

<b>Basidiomycota</b> produce spores outside the reproductive cell (basidium)	
<b>Agarics</b> Fleshy mushroom with gills under the cap. Usually has a stem. May have a veil.	
<b>Boletes</b> Fleshy mushroom with pores under the cap. Has stem. Some have veils.	
<b>Chanterelles, ground fans</b> Fleshy mushroom with smooth or ridged underside	
<b>Coral fungi</b> Fruitbody shaped like a club or like branched coral	
<b>Crust fungi</b> Fruitbody is a flat sheet on wood, may have bracket edge.	
<b>Gasteroid fungi</b> A closed type of mushroom. Puffballs, bird's nest, stinkhorns, earthstars	
<b>Jelly fungi</b> Fruitbody is gelatinous	
<b>Parchment fungi</b> Fruitbody is like bracket type crust with a smooth underside	
<b>Polypores</b> Fruitbody is tough or leathery and has pores. May have a cap, may have a stem	
<b>Tooth fungi</b> Mushroom has teeth underneath a cap or on branches or on wood	

# Chicago Region Fungus Checklist : Genus names for **754 Fungi recorded**

<b>Ascomycota</b>	<b>pyrenomycetes</b>	<input type="checkbox"/> Crinipellis	<input type="checkbox"/> Megacollybia	<b>boletes</b>	<input type="checkbox"/> Hypochnicium	<input type="checkbox"/> Sebacina	<input type="checkbox"/> Inonotus
<b>discomycetes</b>	<input type="checkbox"/> Annulohyphoxylon	<input type="checkbox"/> Cuphophyllus	<input type="checkbox"/> Melanoleuca	<input type="checkbox"/> Boletellus	<input type="checkbox"/> Kavinia	<input type="checkbox"/> Tremella	<input type="checkbox"/> Irpex
<input type="checkbox"/> Aleuria	<input type="checkbox"/> Biscogniauxia	<input type="checkbox"/> Cyclocybe	<input type="checkbox"/> Mycena	<input type="checkbox"/> Boletinus	<input type="checkbox"/> Mutatoderma	<b>parchment fungi</b>	<input type="checkbox"/> Ischnoderma
<input type="checkbox"/> Ascocoryne	<input type="checkbox"/> Camarops	<input type="checkbox"/> Cyptotrama	<input type="checkbox"/> Mycetinis	<input type="checkbox"/> Boletus	<input type="checkbox"/> Peniophora	<input type="checkbox"/> Aleurodiscus	<input type="checkbox"/> Junghuhnia
<input type="checkbox"/> Bisporella	<input type="checkbox"/> Cordyceps	<input type="checkbox"/> Cystoagaricus	<input type="checkbox"/> Neolentinus	<input type="checkbox"/> Bothia	<input type="checkbox"/> Phanerochaete	<input type="checkbox"/> Byssomerulius	<input type="checkbox"/> Laetiporus
<input type="checkbox"/> Bulgaria	<input type="checkbox"/> Daldinia	<input type="checkbox"/> Cystolepiota	<input type="checkbox"/> Omphalotus	<input type="checkbox"/> Chalciaporus	<input type="checkbox"/> Phlebia	<input type="checkbox"/> Hymenochaete	<input type="checkbox"/> Lentinus
<input type="checkbox"/> Chlorociboria	<input type="checkbox"/> Diatrype	<input type="checkbox"/> Echinoderma	<input type="checkbox"/> Panaeolus	<input type="checkbox"/> Gyroporus	<input type="checkbox"/> Phlebiopsis	<input type="checkbox"/> Hymenochaetopsis	<input type="checkbox"/> Meripilus
<input type="checkbox"/> Chlorosplenium	<input type="checkbox"/> Hypocrea	<input type="checkbox"/> Entoloma	<input type="checkbox"/> Panaeolus	<input type="checkbox"/> Leccinellum	<input type="checkbox"/> Tomentella	<input type="checkbox"/> Lopharia	<input type="checkbox"/> Microporellus
<input type="checkbox"/> Colpoma	<input type="checkbox"/> Hypomyces	<input type="checkbox"/> Flammulaster	<input type="checkbox"/> Panellus	<input type="checkbox"/> Leccinum	<input type="checkbox"/> Trechispora	<input type="checkbox"/> Merulius	<input type="checkbox"/> Neofavolus
<input type="checkbox"/> Cyathicula	<input type="checkbox"/> Hypoxylon	<input type="checkbox"/> Flammulina	<input type="checkbox"/> Panus	<input type="checkbox"/> Paragyrodon	<input type="checkbox"/> Vararia	<input type="checkbox"/> Plicaturopsis	<input type="checkbox"/> Niveoporofomes
<input type="checkbox"/> Dasyscyphella	<input type="checkbox"/> Kretzschmaria	<input type="checkbox"/> Galerina	<input type="checkbox"/> Parasola	<input type="checkbox"/> Retiboletus	<input type="checkbox"/> Xylodon	<input type="checkbox"/> Punctularia	<input type="checkbox"/> Oligoporus
<input type="checkbox"/> Dasyscyphus	<input type="checkbox"/> Sporophagomyces	<input type="checkbox"/> Gliophorus	<input type="checkbox"/> Paxillus	<input type="checkbox"/> Strobilomyces	<b>gasteroid fungi</b>	<input type="checkbox"/> Schizophyllum	<input type="checkbox"/> Oxyporus
<input type="checkbox"/> Galiella	<input type="checkbox"/> Xylaria	<input type="checkbox"/> Gymnopilus	<input type="checkbox"/> Pholiota	<input type="checkbox"/> Suillus	<input type="checkbox"/> Arachnion	<input type="checkbox"/> Stereum	<input type="checkbox"/> Perenniporia
<input type="checkbox"/> Geoglossum	<b>Basidiomycota</b>	<input type="checkbox"/> Gymnopus	<input type="checkbox"/> Pholiotina	<input type="checkbox"/> Tylopilus	<input type="checkbox"/> Astraeus	<input type="checkbox"/> Xylobolus	<input type="checkbox"/> Phaeolus
<input type="checkbox"/> Gyromitra	<b>agarics</b>	<input type="checkbox"/> Hebeloma	<input type="checkbox"/> Phylloporus	<input type="checkbox"/> Xanthoconium	<input type="checkbox"/> Bovista	<b>polypores</b>	<input type="checkbox"/> Phellinopsis
<input type="checkbox"/> Helvella	<input type="checkbox"/> Agaricus	<input type="checkbox"/> Hemipholiota	<input type="checkbox"/> Phyllotopsis	<input type="checkbox"/> Xerocomellus	<input type="checkbox"/> Calvatia	<input type="checkbox"/> Abortiporus	<input type="checkbox"/> Phellinus
<input type="checkbox"/> Humaria	<input type="checkbox"/> Agrocybe	<input type="checkbox"/> Hemistropharia	<input type="checkbox"/> Pleurotus	<b>chanterelles and ground fans</b>	<input type="checkbox"/> Crucibulum	<input type="checkbox"/> Albatrellus	<input type="checkbox"/> Polyporus
<input type="checkbox"/> Hymenoscyphus	<input type="checkbox"/> Amanita	<input type="checkbox"/> Hohenbuehelia	<input type="checkbox"/> Pluteus	<input type="checkbox"/> Cantharellus	<input type="checkbox"/> Cyathus	<input type="checkbox"/> Antrodia	<input type="checkbox"/> Porodisculus
<input type="checkbox"/> Jafnea	<input type="checkbox"/> Ampulloclitocybe	<input type="checkbox"/> Hygrocybe	<input type="checkbox"/> Psathyrella	<input type="checkbox"/> Craterellus	<input type="checkbox"/> Disciseda	<input type="checkbox"/> Antrodiella	<input type="checkbox"/> Postia
<input type="checkbox"/> Lachnum	<input type="checkbox"/> Armillaria	<input type="checkbox"/> Hygrophoropsis	<input type="checkbox"/> Pseudoarmillariella	<input type="checkbox"/> Thelephora	<input type="checkbox"/> Geastrum	<input type="checkbox"/> Bjerkandera	<input type="checkbox"/> Pseudoinonotus
<input type="checkbox"/> Leotia	<input type="checkbox"/> Arrhenia	<input type="checkbox"/> Hygrophorus	<input type="checkbox"/> Psilocybe	<b>coral fungi</b>	<input type="checkbox"/> Lycoperdon	<input type="checkbox"/> Bondarzewia	<input type="checkbox"/> Skeletocutis
<input type="checkbox"/> Microglossum	<input type="checkbox"/> Asterophora	<input type="checkbox"/> Hymenopellis	<input type="checkbox"/> Resinomyцена	<input type="checkbox"/> Artomyces	<input type="checkbox"/> Mutinus	<input type="checkbox"/> Bondarzewia	<input type="checkbox"/> Spongipellis
<input type="checkbox"/> Microstoma	<input type="checkbox"/> Bogbodia	<input type="checkbox"/> Hypholoma	<input type="checkbox"/> Resupinatus	<input type="checkbox"/> Clavaria	<input type="checkbox"/> Mycenastrum	<input type="checkbox"/> Ceriporia	<input type="checkbox"/> Trametella
<input type="checkbox"/> Mollisia	<input type="checkbox"/> Bolbitius	<input type="checkbox"/> Hypsizygus	<input type="checkbox"/> Rhizomarasmius	<input type="checkbox"/> Clavariadelphus	<input type="checkbox"/> Myriostoma	<input type="checkbox"/> Cerrena	<input type="checkbox"/> Trametes
<input type="checkbox"/> Morchella	<input type="checkbox"/> Callistosporium	<input type="checkbox"/> Inocybe	<input type="checkbox"/> Rhodocollybia	<input type="checkbox"/> Clavulina	<input type="checkbox"/> Phallus	<input type="checkbox"/> Coltricia	<input type="checkbox"/> Trametopsis
<input type="checkbox"/> Orbilia	<input type="checkbox"/> Caulorhiza	<input type="checkbox"/> Laccaria	<input type="checkbox"/> Rhodotus	<input type="checkbox"/> Clavulinopsis	<input type="checkbox"/> Scleroderma	<input type="checkbox"/> Cryptoporus	<input type="checkbox"/> Trichaptum
<input type="checkbox"/> Pachyella	<input type="checkbox"/> Cheimonophyllum	<input type="checkbox"/> Lacrymaria	<input type="checkbox"/> Rickenella	<input type="checkbox"/> Lentaria	<input type="checkbox"/> Sphaerobolus	<input type="checkbox"/> Daedalea	<input type="checkbox"/> Truncospora
<input type="checkbox"/> Peziza	<input type="checkbox"/> Chlorophyllum	<input type="checkbox"/> Lactarius	<input type="checkbox"/> Rugosomyces	<input type="checkbox"/> Multiclavula	<input type="checkbox"/> Tulostoma	<input type="checkbox"/> Daedaleopsis	<input type="checkbox"/> Tyromyces
<input type="checkbox"/> Rhytisma	<input type="checkbox"/> Clitocybe	<input type="checkbox"/> Lactifluus	<input type="checkbox"/> Russula	<input type="checkbox"/> Ramaria	<input type="checkbox"/> Vascellum	<input type="checkbox"/> Datronia	<b>tooth fungi</b>
<input type="checkbox"/> Rutstroemia	<input type="checkbox"/> Clitocybula	<input type="checkbox"/> Lentinellus	<input type="checkbox"/> Sarcomyxa	<input type="checkbox"/> Ramariopsis	<b>jelly fungi</b>	<input type="checkbox"/> Dentocorticium	<input type="checkbox"/> Auriscalpium
<input type="checkbox"/> Sarcoscypha	<input type="checkbox"/> Clitopilus	<input type="checkbox"/> Lepiota	<input type="checkbox"/> Simocybe	<input type="checkbox"/> Basidioradulum	<input type="checkbox"/> Auricularia	<input type="checkbox"/> Fomitopsis	<input type="checkbox"/> Climacodon
<input type="checkbox"/> Scutellinia	<input type="checkbox"/> Collybia	<input type="checkbox"/> Leucoagaricus	<input type="checkbox"/> Stropharia	<input type="checkbox"/> Dacryobolus	<input type="checkbox"/> Calocera	<input type="checkbox"/> Fulvifomes	<input type="checkbox"/> Etheiroidon
<input type="checkbox"/> Trichoglossum	<input type="checkbox"/> Connopus	<input type="checkbox"/> Leucocoprinus	<input type="checkbox"/> Tapinella	<input type="checkbox"/> Dendrothele	<input type="checkbox"/> Carcinomyces	<input type="checkbox"/> Fuscoporia	<input type="checkbox"/> Hericium
<input type="checkbox"/> Tuber	<input type="checkbox"/> Conocybe	<input type="checkbox"/> Leucopaxillus	<input type="checkbox"/> Tetrapyrgos	<input type="checkbox"/> Fibricium	<input type="checkbox"/> Dacrymyces	<input type="checkbox"/> Ganoderma	<input type="checkbox"/> Hydnellum
<input type="checkbox"/> Urnula	<input type="checkbox"/> Coprinellus	<input type="checkbox"/> Limacella	<input type="checkbox"/> Tricholoma	<input type="checkbox"/> Hydnothlebia	<input type="checkbox"/> Dacryopinax	<input type="checkbox"/> Globifomes	<input type="checkbox"/> Hydnum
<input type="checkbox"/> Verpa	<input type="checkbox"/> Coprinopsis	<input type="checkbox"/> Lyophyllum	<input type="checkbox"/> Tricholomopsis	<input type="checkbox"/> Hyphoderma	<input type="checkbox"/> Ductifera	<input type="checkbox"/> Gloeophyllum	<input type="checkbox"/> Mycorrhaphium
<b>loculo-ascmycetes</b>	<input type="checkbox"/> Coprinus	<input type="checkbox"/> Macrocystidia	<input type="checkbox"/> Tubaria	<input type="checkbox"/> Hyphodontia	<input type="checkbox"/> Exidia	<input type="checkbox"/> Gloeoporus	<input type="checkbox"/> Phellodon
<input type="checkbox"/> Apiosporina	<input type="checkbox"/> Cortinarius	<input type="checkbox"/> Macrolepiota	<input type="checkbox"/> Volvariella	<input type="checkbox"/> Hypochnicium	<input type="checkbox"/> Guepiniopsis	<input type="checkbox"/> Grifola	<input type="checkbox"/> Sarcodon
	<input type="checkbox"/> Crepidotus	<input type="checkbox"/> Marasmiellus	<input type="checkbox"/> Volvopluteus	<input type="checkbox"/> Hypoderma	<input type="checkbox"/> Phaeotremella	<input type="checkbox"/> Hapalopilus	<input type="checkbox"/> Steccherinum
		<input type="checkbox"/> Marasmius	<input type="checkbox"/> Xeromphalina			<input type="checkbox"/> Inocutis	