

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

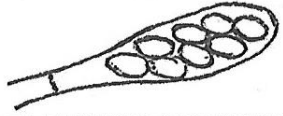




Kingdom	Animals	Plants	Fungi
Support	Skeleton	Cell walls	Cell walls
Food source	Consumer	Producer, Photosynthesis	Consumer
Storage	Glycogen, Fat, Oil	Starch, Oil	Glycogen, Oil
Dispersal	Can move	Spores, seeds	spores




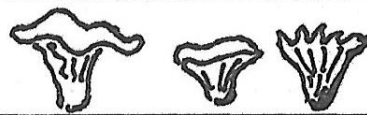






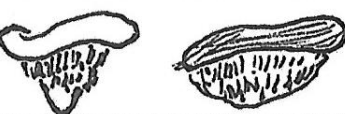
Fungi have different ways of obtaining food:

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

Mutual Symbionts share resources with plants, algae.

Decomposers digest dead plants, animals, fungi.

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

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

Ascomycota	<input type="checkbox"/> Kretzschmaria	<input type="checkbox"/> Gymnopus	<input type="checkbox"/> Pluteus	<input type="checkbox"/> Thelephora	<input type="checkbox"/> Dacrymyces	<input type="checkbox"/> Hapalopilus
asexual fungi	<input type="checkbox"/> Xylaria	<input type="checkbox"/> Hebeloma	<input type="checkbox"/> Psathyrella	coral fungi	<input type="checkbox"/> Dacryopinax	<input type="checkbox"/> Irpex
<input type="checkbox"/> Xylocoremium	Basidiomycota	<input type="checkbox"/> Hohenbuehelia	<input type="checkbox"/> Resinomycena	<input type="checkbox"/> Artomyces	<input type="checkbox"/> Ductifera	<input type="checkbox"/> Ischnoderma
discomycetes	agarics	<input type="checkbox"/> Hygrocybe	<input type="checkbox"/> Resupinatus	<input type="checkbox"/> Clavaria	<input type="checkbox"/> Exidia	<input type="checkbox"/> Junghuhnia
<input type="checkbox"/> Aleuria	<input type="checkbox"/> Agaricus	<input type="checkbox"/> Hygrophorus	<input type="checkbox"/> Rhizomarasmusius	<input type="checkbox"/> Clavulina	<input type="checkbox"/> Myxarium	<input type="checkbox"/> Laetiporus
<input type="checkbox"/> Ascocoryne	<input type="checkbox"/> Agrocybe	<input type="checkbox"/> Hypholoma	<input type="checkbox"/> Rhodocollybia	<input type="checkbox"/> Clavulinopsis	<input type="checkbox"/> Phaeotremella	<input type="checkbox"/> Lentinus
<input type="checkbox"/> Bisporella	<input type="checkbox"/> Amanita	<input type="checkbox"/> Hypsizygos	<input type="checkbox"/> Rickenella	<input type="checkbox"/> Ramaria	<input type="checkbox"/> Sebacina	<input type="checkbox"/> Neofavolus
<input type="checkbox"/> Chlorociboria	<input type="checkbox"/> Armillaria	<input type="checkbox"/> Inocybe	<input type="checkbox"/> Russula	crust fungi	<input type="checkbox"/> Tremella	<input type="checkbox"/> Niveoporofomes
<input type="checkbox"/> Galiella	<input type="checkbox"/> Arrhenia	<input type="checkbox"/> Laccaria	<input type="checkbox"/> Simocybe	<input type="checkbox"/> Botryobasidium	parchment fungi	<input type="checkbox"/> Oxyporus
<input type="checkbox"/> Gyromitra	<input type="checkbox"/> Callistosporium	<input type="checkbox"/> Lactarius	<input type="checkbox"/> Tetrapyrgos	<input type="checkbox"/> Dendrothele	<input type="checkbox"/> Aleurodiscus	<input type="checkbox"/> Perenniporia
<input type="checkbox"/> Helvella	<input type="checkbox"/> Candolleomyces	<input type="checkbox"/> Lactifluus	<input type="checkbox"/> Tricholoma	<input type="checkbox"/> Hydnothlebia	<input type="checkbox"/> Byssomerulius	<input type="checkbox"/> Phaeolus
<input type="checkbox"/> Humaria	<input type="checkbox"/> Cheimonophyllum	<input type="checkbox"/> Lentinellus	<input type="checkbox"/> Tubaria	<input type="checkbox"/> Hydnoporia	<input type="checkbox"/> Hymenochaete	<input type="checkbox"/> Phellinopsis
<input type="checkbox"/> Jafnea	<input type="checkbox"/> Clitocybe	<input type="checkbox"/> Lepiota	<input type="checkbox"/> Volvariella	<input type="checkbox"/> Hyphoderma	<input type="checkbox"/> Merulius	<input type="checkbox"/> Phellinus
<input type="checkbox"/> Lachnum	<input type="checkbox"/> Clitopilus	<input type="checkbox"/> Leucoagaricus	<input type="checkbox"/> Volvopluteus	<input type="checkbox"/> Hyphodontia	<input type="checkbox"/> Schizophyllum	<input type="checkbox"/> Polyporus
<input type="checkbox"/> Leotia	<input type="checkbox"/> Collybia	<input type="checkbox"/> Leucopaxillus	<input type="checkbox"/> Xeromphalina	<input type="checkbox"/> Peniophora	<input type="checkbox"/> Stereum	<input type="checkbox"/> Porodisculus
<input type="checkbox"/> Microglossum	<input type="checkbox"/> Conocybe	<input type="checkbox"/> Lyophyllum	boletes	<input type="checkbox"/> Phanerochaete	<input type="checkbox"/> Xylobolus	<input type="checkbox"/> Postia
<input type="checkbox"/> Morchella	<input type="checkbox"/> Coprinellus	<input type="checkbox"/> Marasmiellus	<input type="checkbox"/> Aureoboletus	<input type="checkbox"/> Phlebia	polypores	<input type="checkbox"/> Pseudoinonotus
<input type="checkbox"/> Peziza	<input type="checkbox"/> Coprinopsis	<input type="checkbox"/> Marasmius	<input type="checkbox"/> Baorangia	<input type="checkbox"/> Vararia	<input type="checkbox"/> Abortiporus	<input type="checkbox"/> Trametella
<input type="checkbox"/> Rhytisma	<input type="checkbox"/> Coprinus	<input type="checkbox"/> Megacollybia	<input type="checkbox"/> Boletellus	<input type="checkbox"/> Xylodon	<input type="checkbox"/> Antrodia	<input type="checkbox"/> Trametes
<input type="checkbox"/> Sarcoscypha	<input type="checkbox"/> Cortinarius	<input type="checkbox"/> Melanoleuca	<input type="checkbox"/> Boletinellus	gasteroid fungi	<input type="checkbox"/> Antrodiella	<input type="checkbox"/> Trametopsis
<input type="checkbox"/> Scutellinia	<input type="checkbox"/> Crepidotus	<input type="checkbox"/> Mycena	<input type="checkbox"/> Boletus	<input type="checkbox"/> Astraeus	<input type="checkbox"/> Bjerkandera	<input type="checkbox"/> Trichaptum
<input type="checkbox"/> Urnula	<input type="checkbox"/> Crinipellis	<input type="checkbox"/> Mycetinis	<input type="checkbox"/> Gyroporus	<input type="checkbox"/> Bovista	<input type="checkbox"/> Bondarzewia	<input type="checkbox"/> Truncospora
loculo- ascomycetes	<input type="checkbox"/> Cuphophyllum	<input type="checkbox"/> Omphalotus	<input type="checkbox"/> Hortiboletus	<input type="checkbox"/> Calvatia	<input type="checkbox"/> Ceriporia	<input type="checkbox"/> Tyromyces
<input type="checkbox"/> Apiosporina	<input type="checkbox"/> Cyclocybe	<input type="checkbox"/> Oudemansiella	<input type="checkbox"/> Leccinum	<input type="checkbox"/> Crucibulum	<input type="checkbox"/> Cerrena	rusts and smuts
pyrenomycetes	<input type="checkbox"/> Cystoagaricus	<input type="checkbox"/> Panaeolina	<input type="checkbox"/> Retiboletus	<input type="checkbox"/> Cyathus	<input type="checkbox"/> Coltricia	<input type="checkbox"/> Allodus
<input type="checkbox"/> Biscogniauxia	<input type="checkbox"/> Echinoderma	<input type="checkbox"/> Panaeolus	<input type="checkbox"/> Strobilomyces	<input type="checkbox"/> Geastrum	<input type="checkbox"/> Daedalea	<input type="checkbox"/> Phleogena
<input type="checkbox"/> Camarops	<input type="checkbox"/> Entoloma	<input type="checkbox"/> Panellus	<input type="checkbox"/> Suillus	<input type="checkbox"/> Lycoperdon	<input type="checkbox"/> Daedaleopsis	tooth fungi
<input type="checkbox"/> Daldinia	<input type="checkbox"/> Flammulaster	<input type="checkbox"/> Panus	<input type="checkbox"/> Tylophilus	<input type="checkbox"/> Mutinus	<input type="checkbox"/> Datronia	<input type="checkbox"/> Climacodon
<input type="checkbox"/> Diatrype	<input type="checkbox"/> Flammulina	<input type="checkbox"/> Parasola	<input type="checkbox"/> Xanthoconium	<input type="checkbox"/> Phallus	<input type="checkbox"/> Fomitopsis	<input type="checkbox"/> Hericium
<input type="checkbox"/> Hypocrea	<input type="checkbox"/> Galerina	<input type="checkbox"/> Pholiota	<input type="checkbox"/> Xerocomellus	<input type="checkbox"/> Scleroderma	<input type="checkbox"/> Fulvifomes	<input type="checkbox"/> Hydnellum
<input type="checkbox"/> Hypomyces	<input type="checkbox"/> Gerronema	<input type="checkbox"/> Phylloporus	chanterelles and ground fans	jelly fungi	<input type="checkbox"/> Fuscoporia	<input type="checkbox"/> Hydnum
<input type="checkbox"/> Hypoxylon	<input type="checkbox"/> Gliophorus	<input type="checkbox"/> Phyllostopsis	<input type="checkbox"/> Cantharellus	<input type="checkbox"/> Auricularia	<input type="checkbox"/> Ganoderma	<input type="checkbox"/> Sarcodon
	<input type="checkbox"/> Gymnopilus	<input type="checkbox"/> Pleurotus	<input type="checkbox"/> Craterellus	<input type="checkbox"/> Calocera	<input type="checkbox"/> Gloeoporus	<input type="checkbox"/> Steccherinum
				<input type="checkbox"/> Grifola		