






Fungi Key: Page 1






Cap and Stem Fungus (Stalks with caps/hats on them): Go to Page 2

Gilled Mushroom	Boletes	Chanterelles	Earth Tongues	Morels and False Morels
 (cc) opnola via Flickr.com	 (cc) Jason Hollinger via Flickr.com	 (cc) Juha Haataja via Flickr.com	 (cc) H. Krisp via Flickr.com	 (cc) term priest via Flickr.com




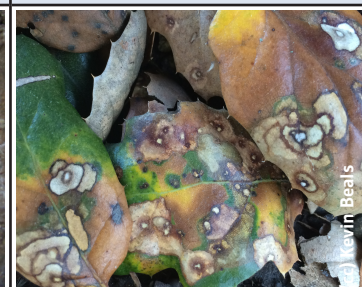

Fungi that Look Like Other Things (They might look like shelves, balls, burnt cakes, cups, stars, or nests): Go to Page 3

 (cc) Jason Hollinger via Flickr.com	 (cc) Kevin Beals	 (cc) Squeeze boy via Flickr.com	 (cc) Kevin Beals	 (cc) Phyzone via Flickr.com
--	---	---	---	--









Weirdly Shaped Fungi: Go to Page 4

Coral and Club Fungi	Jelly Fungi	Slime Molds	Mold	Tooth Fungi
 (cc) Bernard Spragg via Flickr.com	 (cc) Patrick Schifferli via Flickr.com	 (cc) Lebrac via Flickr.com	 (cc) howling pixel via Flickr.com	 (cc) DJ Kelly via Flickr.com












Evidence of Fungi: Go to Page 5

Brown Rot Fungus	White Rot Fungus	Mycelium	Fungus on Leaves	Fungus "Fairy Ring"
 (cc) Kevin Beals	 (cc) Kevin Beals	 (cc) Lex VB via Flickr.com	 (cc) Kevin Beals	 (cc) Avvidoghug via Flickr.com













Fungi Key: Page 2

Cap and Stem Fungus				
Gilled Mushroom	Boletes	Chanterelles	Earth Tongues	Morels and False Morels
Almost always have a cap and stem. The “gills” are on the underside of the cap, and look kind of like bicycle wheel spokes.	Have a cap and stem. Look like gilled mushrooms from above, but do not have gills. The underside of the cap looks like a sponge filled with holes.	Grow on the ground. Have a trumpet-shaped cap and stem. Have small ridges under the cap and the top part of the stem; these ridges are wrinkled or “zig zag-ey” in shape.	Small single stemmed fungi. Grow out of the ground or rotting wood.	Morels: The cap is honey-combed with open pits. False morels: do not have open pits, and look wrinkled kind of like a brain, or like old trees.
 (cc) onnola via Flickr.com	 (cc) Juha Haataja via Flickr.com  (cc) Jason Hollinger via Flickr.com	 (cc) Ken-ichi-Udea via Flickr.com	 (cc) H. Krisp via Flickr.com  (cc) dutchmasterdutchie via Flickr.com	 (cc) term priest via Flickr.com  (cc) Tab Tannery via Flickr.com

Fungi Key: Page 3






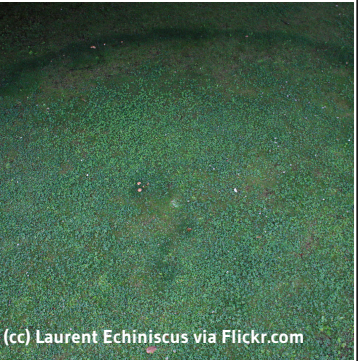
Fungi that Look Like Other Things				
Bracket or Shelf Fungi	Carbon Ball Fungi	Cup Fungi	Puffballs or Earth Stars	Birds Nest Fungi
<p>Look like shelves growing on trunks, stumps, or logs. Some have growth rings that can be counted like tree rings to tell the age.</p>	<p>Black or partially black, tough and charcoal like. Grow on wood. Look kind of like dog noses.</p>	<p>May be shaped like a cup, ear, spoon or small plate. Grow on wood, dung, or soil. Do not have a stem.</p>	<p>Round ball-like shape, or a round ball with star "petals" around it. No stalk. Shoot out their spores in a sudden "puff" when triggered by a raindrop or similar jolt. This is sometimes called, "pixie farts."</p>	<p>Look like tiny bird's nests with one or more "eggs" inside. Most start out with a lid on top of the "nest."</p>
 <p>(cc) Jason Hollinger via Flickr.com</p>  <p>(cc) Kevin Beals</p>  <p>(cc) Kevin Beals</p>	 <p>(cc) Kevin Beals</p>  <p>(cc) Ken-ichi -Udea via Flickr.com</p>	 <p>(cc) Dru! via Flickr.com</p>  <p>(cc) Squeezy boy via Flickr.com</p>	 <p>(cc) Kevin Beals</p>  <p>(cc) Ken-ichi-Udea via Flickr.com</p>	 <p>(cc) Phyzone via Flickr.com</p>  <p>(cc) distant hill gardens via Flickr.com</p>

Fungi Key: Page 4

Weirdly Shaped Fungi				
Coral and Club Fungi	Jelly Fungi	Slime Molds	Mold	Tooth Fungi
<p>Look like branching coral or like simple stalks sticking out of the ground. Most grow in soil. Can also grow on rotting plants, or on dead wood.</p>	<p>Jellylike or rubbery. Come in many different shapes. Usually grow on wood. One kind that looks like melting butter is called “witches butter.”</p>	<p>Sometimes these look like slime or a pile of goop.</p>	<p>Look fuzzy, powdery, filmy, or a different color than what they are growing on.</p>	<p>May have “teeth” hanging like icicles. May have a cap and stalk with a layer of teeth under the cap, or may grow in a single layer on a piece of wood with “teeth”</p>
 <p>(cc) Bernard Spragg via Flickr.com</p>  <p>(cc) Jason Norce via Flickr.com</p>	 <p>(cc) Patrick Schifferli via Flickr.com</p>  <p>(cc) Derek Parker via Flickr.com</p>  <p>(cc) heidi bakk-hansen via Flickr.com</p>	 <p>(cc) Lebrac via Flickr.com</p>  <p>(cc) Siga via Flickr.com</p> <p>(This one is called Dog Vomit Slime Mold. Yep, really.)</p>	 <p>(cc) howling pixel via Flickr.com</p>  <p>(cc) howling pixel via Flickr.com</p>	 <p>(cc) Kevin Beals</p>  <p>(cc) DJ Kelly via Flickr.com</p>  <p>(cc) O'to Meltaira via Flickr.com</p>

Fungi Key: Page 5

Evidence of Fungi

Brown Rot Fungus	White Rot Fungus	Mycelium	Fungus on Leaves	Fungus "Fairy Ring"
<p>Certain types of fungi break down and consume the white cellulose in wood, leaving behind the brown parts of cell walls (lignin) in brown cubic sections.</p>	<p>Certain types of fungi break down and consume the brown parts of cell walls, leaving behind the spongy, stringy, yellow & white cellulose in wood.</p>	<p>The mushrooms we see are just the "fruits" of fungi. Most of the fungus is underground, looks like white threads, and is called mycelium. Mycelium are thin and small, and absorb nutrients and water from whatever they are growing in. Fungi often have relationships with plants, where plant roots are connected to the mycelium which pass nutrients to the plant.</p>	<p>Because fungi tend to grow out in rings, roundish spots on leaves are usually from fungi. Most living leaves on trees have fungi growing on them. The fungi defend against insects or other things that might eat the leaf. After the leaf dies and falls off the tree, the same fungi begins to digest the leaf, making it break down.</p>	<p>Fungi tend to grow out in rings. Sometimes you can see a ring of mushrooms which are all fruits on the same fungus. You can't see it, but you can imagine the white threads of the fungus in an underground ring</p>
 <p>(cc) Kevin Beals</p>	 <p>(cc) Kevin Beals</p>	 <p>(cc) Lex VB via Flickr.com</p>	 <p>(cc) Kevin Beals</p>	 <p>(cc) Avnidoqhug via Flickr.com</p>  <p>(cc) Laurent Echiniscus via Flickr.com</p> <p>Above, a "fairy ring," without the mushrooms.</p>