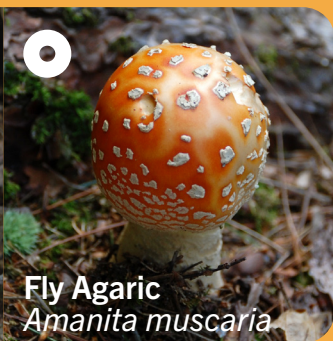


# GILLED, ON GROUND

## AMANITAS



**Destroying Angel**  
*Amanita bisporigera*



**Fly Agaric**  
*Amanita muscaria*

**Width** 1-3". **Color** pure white. **Description** smooth rounded cap with gills, stalk sits in cup at base, wider at base of stalk, ring on upper stalk. **Season** summer and fall. **Found** on ground under hardwoods, mycorrhizal with oaks. **Warning** deadly poisonous.

**Width** 3-9". **Color** orange to red on top, white stalk. **Description** rounded cap with white scabby patches, becoming flat with age, stalk sits in cup at base. **Season** spring, summer, and fall. **Found** on ground under trees, mycorrhizal. **Warning** poisonous.

## INKY CAPS

**Width** 2-5". **Color** white, with brown shaggy scales. **Description** rounded cylinder shape, curving out with age, eventually turning black and inky. **Season** spring and fall. **Found** in grassy areas, wood chips, and hard ground, saprobic.



**Shaggy Mane**  
*Coprinus comatus*

## RUSSULAS



**Red-capped Russula**  
*Russula spp.*

**Width** 1-4". **Color** bright red, fading with age, white underneath. **Description** broad flat top with gills underneath. **Season** spring and fall. **Found** on mossy ground under conifers.

## A QUICK GUIDE TO FUNGI:

The **Fungi** Kingdom includes mushrooms, along with molds, yeasts, and mildews. Fungi lack chlorophyll, and so must obtain food in other ways. Some fungi are **saprobic** and break down dead plants or animals. Some are **parasitic** and feed off living plants or animals. Others have a symbiotic (mutually beneficial) relationship with the roots of trees or shrubs and are called **mycorrhizal**. The visible aboveground fruiting body of a fungus that releases the spores is commonly called a mushroom. This is the part we see and use for identification. **Use caution. Some mushrooms are deadly poisonous.** When you find a mushroom, look for the following to aide in identification:



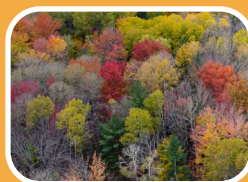
### Cap (Pileus):

**Underside of cap:** Does it have gills, pores, or teeth?

**Color** – Smooth, scaly, patchy or moist?  
Concave, convex, or spherical?  
Tender or woody?  
Does it bruise red or blue?

### Habitat:

What is it growing on?  
The ground, on wood?  
Where is it growing? Wetland? Forest?



**Stalk (Stipe):** sometimes absent  
Evenly thick or thin, or bulbous at base?  
Smooth, striate, or scaly?  
Does it have a ring?  
Is the base sitting in a cup?

### Spore Print:

Helpful for gilled mushroom ID.  
Cut cap from stipe.  
Place gill-side down on half-black, half-white paper.  
Takes a few hours for the spores to drop.  
Spore print indicated by colored ring in corner of photo for gilled and pored mushrooms.



Hannah Mico

# THE FUNGI OF GRASS RIVER



Mark Harder

Anna Marie Sore



[www.grassriver.org](http://www.grassriver.org)



# GILLED, ON GROUND

Continued...

## MILK CAPS

**Width** 2-4". **Color** orange to white. **Description** smooth cap, crowded gills, produce latex when cut. **Season** summer and fall. **Found** near conifers, oak and other hardwoods, mycorrhizal.



Milk Cap  
*Lactarius thyinus*

## CORTS

**Width** 2-5". **Color** dark purple, brown with age. **Description** dry cap with fine tufts, stem slightly wider at base. **Season** late summer and fall. **Found** near conifers, mycorrhizal.



Violet Cort  
*Cortinarius violaceus*

## WAXY CAPS

**Width** 1-2½". **Color** bright orange-yellow. **Description** sticky cap, white to yellow gills beneath. **Season** spring, summer, and fall. **Found** on ground under hardwoods or conifers, saprobic.



Golden Waxy Cap  
*Hygrocybe flavescens*

# GILLED, ON WOOD

## HONEY MUSHROOMS

**Width** 2-4". **Color** honey, with dark scales in center. **Description** flatten with age, thin veil covers gills when young, ring near top of stem. **Season** summer and fall. **Found** near base of dying trees.



Honey Cap  
*Armillariella mellea*

## OYSTER MUSHROOMS

**Width** 2-8". **Color** cream white to tan-gray. **Description** shelf-like, in clusters, gills on underside, short stalk. **Season** spring, summer, and fall. **Found** on dying trees, saprobic.



Oyster Mushroom  
*Pleurotus ostreatus*

# PORED, ON GROUND

## SUILLUS

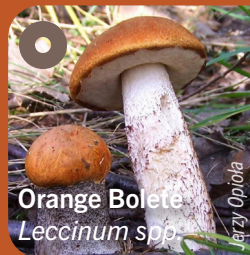
**Width** 1-5". **Color** yellow to red, with red scales, yellow underneath covered by white veil when young. **Description** rounded flat top. **Season** summer and fall. **Found** near white pine, mycorrhizal.



Painted Suillus  
*Suillus pictus*

## SCABER STALKS

**Width** 2-5". **Color** cinnamon orange, white stalk and flesh. **Description** stalk with raised, rough scales. **Season** summer and fall. **Found** near birch and aspen, and conifers, mycorrhizal.



Orange Bolete  
*Leccinum spp.*

# PORED, ON WOOD

**Width** 1-2". **Color** variable, brown with whites, yellows, blues, and greens. **Description** velvety, tough, flexible, will bend without breaking, stalkless. **Season** late spring, summer, and fall. **Found** usually on dead hardwoods, saprobic.



Turkey Tail  
*Trametes versicolor*

## TINDER POLYPORE

**Width** 2-8". **Color** pale to gray-brown. **Description** hoof-like with bands and ridges, perennial. **Season** summer and fall. **Found** on birch and beech.



Tinder Polypore  
*Fomes fomentarius*

## GANODERMA

**Width** 2-18". **Color** brown on top with white edge, white underneath. **Description** shelf-like, tough, stalkless, bruises brown on underside. **Season** year-round. **Found** on hardwoods.



Artist's Conk  
*Ganoderma applanatum*

# OTHERS, ON GROUND

## MORELS

**Width** 1½". **Color** white, creamy-yellow to black. **Description** egg-shaped top with pits, hollow top and stalk. **Season** spring. **Found** beneath trees, often elm, aspen, ash, and fruit trees, mycorrhizal.



Morels  
*Morchella spp.*

## FALSE MORELS



Beefsteak False Morel  
*Gyromitra esculenta*

**Width** 2-3". **Description** wrinkled brain-like top, no pits. **Season** spring. **Found** often beneath conifers, **Warning** poisonous.

## PUFF BALLS

**Width** ½-2". **Description** pear-shaped, bursts releasing spores when disturbed, unpleasant odor. **Season** summer. **Found** on ground or dead hardwood.



Stump Puffball  
*Cycoperdon spp.*

## CHANTERELLES



Chanterelles  
*Cantharellus spp.*

**Width** 1½". **Description** stalk 1½", trumpet-like, dry, folds on underside. **Season** summer and fall. **Found** with hardwoods, or in cool moss in swamps (*C. lutescens*)

# OTHERS, ON WOOD

## CORAL FUNGI

**Width** 2-4". **Description** firm, branching into fine crownlike tips. **Season** spring and summer. **Found** on dead hardwoods, some other corals on ground.



Crown-tipped Coral  
*Clavicornia pyxidata*

## JELLY FUNGI



Witch's Butter  
*Tremella spp.*

**Width** 1-4". **Description** lobed, brain-like, gelatinous, tough when older, stalkless. **Season** summer and fall. **Found** on dead hardwoods.

## GREEN STAIN FUNGUS

**Width** ¼". **Color** blue-green. **Description** small blue-green cups on stems, staining surrounding wood. **Season** summer and fall.



Green Stain  
*Chlorociboria sp.*

