



MUSHROOMS OF THE OTTAWA NATIONAL FOREST

Compiled by Dana L. Richter,
 School of Forest Resources and Environmental Science,
 Michigan Technological University, Houghton, MI
 for Ottawa National Forest, Ironwood, MI
 March, 2011



Introduction

There are many thousands of fungi in the Ottawa National Forest filling every possible niche imaginable. A remarkable feature of the fungi is that they are ubiquitous! The mushroom is the large spore-producing structure made by certain fungi. Only a relatively small number of all the fungi in the Ottawa forest ecosystem make mushrooms. Some are distinctive and easily identifiable, while others are cryptic and require microscopic and chemical analyses to accurately name.

This is a list of some of the most common and obvious mushrooms that can be found in the Ottawa National Forest, including a few that are uncommon or relatively rare. The mushrooms considered here are within the phyla Ascomycetes – the morel and cup fungi, and Basidiomycetes – the toadstool and shelf-like fungi. There are perhaps 2000 to 3000 mushrooms in the Ottawa, and this is simply a guess, since many species have yet to be discovered or named. This number is based on lists of fungi compiled in areas such as the Huron Mountains of northern Michigan (Richter 2008) and in the state of Wisconsin (Parker 2006).

The list contains 227 species from several authoritative sources and from the author's experience teaching, studying and collecting mushrooms in the northern Great Lakes States for the past thirty years. Although comments on edibility of certain species are given, **the author neither endorses nor encourages the eating of wild mushrooms except with extreme caution and with the awareness that some mushrooms may cause life-threatening illness or even death. This list is not intended as a guide for persons interested in consuming wild mushrooms as food; for these daring individuals it is recommended that guidebooks or an expert in mushroom identification be consulted.**

In the table below, abundance is categorized as widespread and abundant, occasional, uncommon or rare.

Scientific Name	Common Name	Abundance	Habitat	Comments
<u>ASCOMYCETES</u>				
<i>Chlorociboria aeruginescens</i>	Green stain	occasional	Hardwoods, in dead stems	Year round
<i>Daldinia concentrica</i>	Carbon balls	occasional	Hardwoods, on dead stems	Summer and fall

<i>Gyromita esculenta</i>	False morel	occasional	Aspen, birch, pine, open woods	Early spring, poisonous
<i>Gyromita gigas</i>	False morel	occasional	Aspen, birch, pine, open woods	Early spring, poisonous
<i>Helvella crispa</i>	White saddle	occasional	Mixed woods on ground	late summer and fall
<i>Helvella lacunosa</i>	Black saddle	occasional	Mixed woods on ground	late summer and fall
<i>Hypomyces lactifluorum</i>	Lobster mushroom	occasional	Mixed woods on ground	Late summer and fall
<i>Leotia lubrica</i>	Jelly sticks	occasional	Mixed woods out of ground	Late summer and fall
<i>Morchella angusticeps</i>	Black morel	occasional	Aspen, birch, pine, open woods	Early spring, edible, prized
<i>Morchella esculenta</i>	White morel	occasional	Aspen, birch, pine, open woods	Early spring, edible, prized
<i>Sarcoscypha coccinea</i>	Scarlet cups	abundant	Mixed woods on ground	Early spring
<i>Spathularia flavida</i>	Fairy fan	occasional	Conifer forests on ground	late summer and fall
<i>Urnula craterium</i>	Devil's cups	occasional	Mixed woods on ground	Early spring
<i>Verpa bohemica</i>	Half-free morel	occasional	Aspen, birch, pine, open woods	Early spring, caution
<i>Xylaria polymorpha</i>	Dead man's fingers	occasional	Hardwoods, from roots	Summer and fall
<u>BASIDIOMYCETES</u>				
AGARICALES				
Agaricaceae				
<i>Agaricus arvensis</i>	Horse pinkbottom	occasional	fields and lawns	summer and fall
<i>Agaricus campestris</i>	Field pinkbottom	occasional	fields and lawns	summer and fall
<i>Agaricus silvicola</i>	Forest pinkbottom	occasional	Mixed woods on ground	summer and fall
Amanitaceae				
<i>Amanita brunnescens</i>	Cleft foot Amanita	occasional	Mixed woods on ground	late summer and fall
<i>Amanita citrina</i>	Lemon Amanita	occasional	Mixed woods on ground	late summer and fall
<i>Amanita flavoconia</i>	Yellow patches	occasional	Mixed woods on ground	late summer and fall
<i>Amanita fulva</i>	Tawney grisette	occasional	Mixed woods on ground	late summer and fall
<i>Amanita muscaria</i>	Fly agaric	occasional	Mixed woods on ground	late summer and fall
<i>Amanita pantherina</i>	Panther Amanita	occasional	Mixed woods on ground	late summer and fall
<i>Amanita rubescens</i>	Blushing Amanita	occasional	Mixed woods on ground	late summer and fall
<i>Amanita vaginata</i>	Grisette	occasional	Mixed woods on ground	late summer and fall

<i>Amanita virosa</i>	Death angel	occasional	Mixed woods on ground	late summer and fall
Cortinariaceae				
<i>Cortinarius aboviolaceus</i>	Silver-violet cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius armillatus</i>	Ringed cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius collinitus</i>	Slimy cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius iodes</i>	Spotted cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius sanguineus</i>	Red cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius semisanguineus</i>	Red-gilled cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius sphaerosporus</i>		uncommon	Mixed woods on ground	late summer and fall
<i>Cortinarius traganus</i>	Fat purple cort	occasional	Mixed woods on ground	late summer and fall
<i>Cortinarius trivialis</i>		uncommon	Mixed woods on ground	late summer and fall
<i>Cortinarius violaceus</i>	Violet cort	occasional	Mixed woods on ground	late summer and fall
<i>Inocybe fastigiata</i>	Fiber head	occasional	Mixed woods on ground	late summer and fall
<i>Rozites caperata</i>	Gypsy	occasional	Mixed woods on ground	late summer and fall
Entolomataceae				
<i>Clitopilus prunulus</i>	The miller	occasional	Mixed woods on ground	late summer and fall
<i>Entoloma abortivum</i>	Hunter's heart	abundant	Mixed woods on ground	fall; resembles a puffball
<i>Entoloma aprile</i>	Spring Entoloma	abundant	Mixed woods on ground	spring
<i>Entoloma sinuatum</i>		occasional	Mixed woods on ground	late summer and fall
Hydnangiaceae				
<i>Laccaria amethystina</i>	Purple Laccaria	occasional	Mixed woods on ground	late summer and fall
<i>Laccaria bicolor</i>	Purple foot laccaria	occasional	Mixed woods on ground	late summer and fall
<i>Laccaria laccata</i>	Common Laccaria	occasional	Mixed woods on ground	late summer and fall
Hygrophoraceae				
<i>Hygrophorus coccineus</i>	Scarlet waxy cap	abundant	Mixed woods on ground	late summer and fall
<i>Hygrophorus conicus</i>	Witch's hat	occasional	Mixed woods on ground	late summer and fall

<i>Hygrophorus eburneus</i>	White waxy cap	occasional	Mixed woods on ground	late summer and fall
<i>Hygrophorus pittacina</i>	Green waxy cap	occasional	Mixed woods on ground	late summer and fall
<i>Hygrophorus russula</i>	Robust waxy cap	occasional	Mixed woods on ground	fall
Lepiotaceae				
<i>Lepiota americana</i>	American parasol	occasional	Mixed woods on ground	late summer and fall
<i>Lepiota rachodes</i>	Shaggy parasol	occasional	Mixed woods on ground	late summer and fall
<i>Leucoagaricus naucinus</i>		occasional	fields and lawns	late summer and fall
<i>Macrolepiota procera</i>	Tall parasol	occasional	Mixed woods on ground	late summer and fall
Lycophyllaceae				
<i>Hypsizygus tessulatus</i>	Elm Oyster	occasional	On living hardwoods	fall
<i>Lyophyllum decastes</i>		occasional	Mixed woods on ground	fall
Lycoperdaceae				
<i>Calvatia cyathiformis</i>	Purple spored puffball	occasional	Open fields	summer and fall
<i>Calvatia gigantea</i>	Giant puffball	occasional	Open fields	summer and fall, edible
<i>Lycoperdon perlatum</i>	Gem-studded puffball	abundant	Open fields and woods	summer and fall
<i>Lycoperdon pyriforme</i>	Pear-shaped puffball	abundant	On decaying hardwoods	summer and fall
Marasmiaceae				
<i>Armillaria mellea (s.l.)</i>	Honey mushroom	abundant	On decaying hardwoods	fall, a popular edible
<i>Marasmius oreades</i>	Fairy ring mushroom	abundant	Fields and lawns	summer and fall, edible
<i>Marasmius rotula</i>	Pinwheel	occasional	On decaying hardwoods	summer and fall
<i>Xerula radicata</i>	Rooted Collybia	occasional	Hardwoods	summer and fall
Mycenaceae				
<i>Mycena galericulata</i>		occasional	On decaying hardwoods	summer and fall
<i>Mycena haematopsis</i>	Bleeding Mycena	occasional	On decaying hardwoods	summer and fall
<i>Mycena leaiana</i>	Orange Mycena	occasional	On decaying hardwoods	summer and fall

<i>Mycena pura</i>	Gray Mycena	occasional	On decaying hardwoods	summer and fall
Pleurotaceae				
<i>Pleurotus dryinus</i>	Veiled oyster	uncommon	On decaying hardwoods	summer and fall
<i>Pleurotus ostreatus</i>	Oyster mushroom	abundant	On decaying hardwoods	summer and fall
<i>Pleurotus serotinus</i>	Late fall oyster	occasional	On decaying hardwoods	fall
Plutaceae				
<i>Pluteus cervinus</i>	Deer mushroom	occasional	On decaying hardwoods	summer and fall
<i>Volvariella bombycina</i>	Silky Volvariella	rare	On decaying hardwoods	summer and fall
Psatharellaceae				
<i>Coprinus atramentarius</i>	Gray Inky cap	occasional	On decaying hardwoods	summer and fall
<i>Coprinus comatus</i>	Shaggy mane	abundant	Out of ground open woods and fields	summer and fall
<i>Coprinus disseminatus</i>	Delicate inky cap	occasional	On decaying hardwoods	summer and fall
<i>Coprinus micaceus</i>	Inky cap	abundant	On decaying hardwoods	summer and fall
<i>Psathyrella candolleana</i>		abundant	On decaying hardwoods	summer and fall
<i>Psathyrella foenicicii</i>	Haymaker mushroom	abundant	On ground open woods and fields	summer and fall
Schizophyllaceae				
<i>Schizophyllum commune</i>	Split-gill	abundant	On decaying hardwoods	summer and fall
Stropharieaceae				
<i>Hebeloma crustuliniforme</i>		occasional	Mixed woods on ground	late summer and fall
<i>Hebeloma mesophaeum</i>		occasional	Mixed woods on ground	late summer and fall
<i>Hypholoma capnoides</i>		occasional	On decaying conifers	summer and fall
<i>Hypholoma sublateritium</i>	Brick cap	occasional	On decaying hardwoods	summer and fall
<i>Pholiota adiposa</i>	Fatty Pholiota	occasional	On decaying hardwoods	summer and fall
<i>Pholiota destruens</i>		occasional	On decaying hardwoods	summer and fall
<i>Pholiota squarrosa</i>	Scaley Pholiota	occasional	On decaying hardwoods	summer and fall

<i>Pholiota squarrosoides</i>		occasional	On decaying hardwoods	summer and fall
<i>Stropharia rugosoannulata</i>	Wine cap	occasional	On litter and wood chips	summer and fall
Tricholomotaceae				
<i>Cantharellula umbonata</i>	Grayling	occasional	On litter, conifer woods	late summer and fall
<i>Clitocybe clavipes</i>	Fat foot Clavipes	occasional	On litter, mixed woods	summer and fall
<i>Clitocybe dealbata</i>		occasional	On litter, mixed woods	summer and fall
<i>Clitocybe gibba</i>	Funnel cap	occasional	On litter, mixed woods	summer and fall
<i>Clitocybe gigantea</i>	Giant Clitocybe	occasional	On ground, mixed woods	fall
<i>Clitocybe nuda</i>	Blewit	occasional	On litter, mixed woods	summer and fall
<i>Clitocybe odora</i>	Fragrant Clitocybe	occasional	On litter, mixed woods	summer and fall
<i>Clitocybe robusta</i>	Robust Clitocybe	occasional	On litter, mixed woods	fall
<i>Collybia butyracea</i>		occasional	On litter, mixed woods	summer and fall
<i>Collybia dryophila</i>		occasional	On litter, mixed woods	summer and fall
<i>Collybia maculata</i>	Spotted Collybia	occasional	On litter, mixed woods	summer and fall
<i>Leucopaxillus albissimus</i>	Skunky Clitocybe	occasional	On ground, mixed woods	fall
<i>Megacollybia platyphylla</i>	Platterfull mushroom	occasional	On decaying hardwoods	summer and fall
<i>Omphalotus olearius</i>	Jack-o-lantern	uncommon	On decaying hardwoods	summer and fall
<i>Panellus stypticus</i>	Luminescent Panellus	occasional	On decaying hardwoods	summer and fall
<i>Phyllostopsis nidulans</i>	Fetid Orange Oyster	occasional	On decaying hardwoods	summer and fall
<i>Tricholoma flavovirens</i>	Yellow Tricholoma	occasional	On ground, mixed woods	fall
<i>Tricholoma magnivelare</i>	Matsutake	rare	On ground, red & jack pine woods	fall, highly prized edible
<i>Tricholoma pardinum</i>		occasional	On ground, mixed woods	fall
<i>Tricholoma populinum</i>	Poplar Tricholoma	occasional	On ground, mixed woods	fall
<i>Tricholoma saponaceum</i>	Soapy Tricholoma	occasional	On ground, mixed woods	fall
<i>Tricholoma sejunctum</i>		occasional	On ground, mixed woods	fall
<i>Tricholoma vaccinum</i>	Scaly Tricholoma	occasional	On ground, mixed woods	fall
<i>Xeromphalina campanella</i>		occasional	On decaying softwoods	summer and fall
BOLETALES				

Boletaceae				
<i>Boletellus chrysenteroides</i>		occasional	On ground, mixed woods	late summer and fall
<i>Boletellus russellii</i>	Tall bolete	occasional	On ground, mixed woods	late summer and fall
<i>Boletinellus meruloides</i>	Ash bolete	occasional	On ground, near ash	late summer and fall
<i>Boletus bicolor</i>		occasional	On ground, mixed woods	late summer and fall
<i>Boletus edulis</i>	King Bolete	occasional	On ground, mixed woods	late summer and fall, edible
<i>Boletus pallidus</i>		occasional	On ground, mixed woods	late summer and fall
<i>Boletus piperatus</i>	Peppery Bolete	occasional	On ground, mixed woods	late summer and fall
<i>Boletus projectellus</i>		rare	On ground, mixed woods	late summer and fall
<i>Boletus subglabripes</i>	Yellow Bolete	occasional	On ground, mixed woods	late summer and fall
<i>Boletus subtomentosus</i>		occasional	On ground, mixed woods	late summer and fall
<i>Gyroporus castaneus</i>	Chestnut Bolete	occasional	On ground, mixed woods	late summer and fall
<i>Gyroporus cyanescens</i>	Blue-staining Bolete	occasional	On ground, mixed woods	late summer and fall
<i>Leccinum aurantiacum</i>	Orange scaber stalk	occasional	On ground, mixed woods	summer and fall
<i>Leccinum insigne</i>	Aspen scaber stalk	occasional	On ground, mixed woods	summer and fall
<i>Leccinum scabrum</i>	Scaber stalk	occasional	On ground, mixed woods	summer and fall
<i>Strobilomyces floccopus</i>	Old man of the woods	occasional	On ground, mixed woods	late summer and fall
<i>Tylopilus chromapes</i>	Yellow-footed Bolete	occasional	On ground, mixed woods	late summer and fall
<i>Tylopilus felleus</i>	Bitter Bolete	occasional	On ground, mixed woods	late summer and fall
Gomphidiaceae				
<i>Chroogomphus rutilans</i>		occasional	On ground, mixed woods	late summer and fall
<i>Chroogomphus vinicolor</i>		occasional	On ground, mixed woods	late summer and fall
Hygrophopsisidaceae				
<i>Hygrophopsis aurantiaca</i>	False Chanterelle	occasional	On ground, conifer woods	summer and fall
Paxillaceae				
<i>Paxillus atrotomentosus</i>		occasional	On conifer wood	summer and fall
<i>Paxillus involutus</i>		occasional	On ground, mixed woods	late summer and fall

Sclerodermataceae				
<i>Astraeus hygrometricus</i>	Earthstar	occasional	In sand around trees	late summer and fall
<i>Scleroderma citrinum</i>	Pigskin puffball	occasional	On ground, mixed woods	late summer and fall, poison
<i>Scleroderma cepa</i>	Onion puffball	occasional	On ground, mixed woods	late summer and fall, poison
Suillaceae				
<i>Suillus albidipes</i>	White Suillus	occasional	On ground, conifer woods	late summer and fall
<i>Suillus americanus</i>	White pine Suillus	occasional	On ground, white pine woods	late summer and fall
<i>Suillus brevipes</i>	Short foot Suillus	occasional	On ground, conifer woods	late summer and fall
<i>Suillus cavipes</i>	Larch Suillus	occasional	On ground, tamarack woods	late summer and fall
<i>Suillus granulatus</i>	Spotted stalk Suillus	occasional	On ground, conifer woods	late summer and fall
<i>Suillus intermedius</i>		occasional	On ground, conifer woods	late summer and fall
<i>Suillus luteus</i>	Slippery Jack	occasional	On ground, conifer woods	late summer and fall
<i>Suillus pictus</i>	Painted Suillus	occasional	On ground, conifer woods	late summer and fall
<i>Suillus punctipes</i>		occasional	On ground, conifer woods	late summer and fall
<i>Suillus tomentosus</i>	Velvety Suillus	occasional	On ground, conifer woods	late summer and fall
APHYLLOPHORALES				
Cantharellaceae				
<i>Cantharellus cibarius</i>	Chanterelle	occasional	On ground, mixed woods	summer and fall, edible
<i>Cantharellus lutescens</i>	Yellow-foot Chanterelle	occasional	On ground, mixed woods	summer and fall
<i>Cantharellus tubaeformis</i>	Bog Chanterelle	occasional	On ground, spruce bogs	summer and fall
<i>Craterellus cornucopioides</i>	Horn of plenty	occasional	On ground, mixed woods	summer and fall
<i>Hydnum repandum</i>	Hedgehog	occasional	On ground, mixed woods	summer and fall, edible
DACRYMYCETALES				
<i>Dacrymyces palmatus</i>	Witch's butter	occasional	On decaying conifer wood	summer and fall
HYMENOCHAETALES				

<i>Inonotus obliquus</i>	Birch cinder conk	occasional	On living birch	all year
<i>Inonotus tomentosus</i>	Velvety polypore	occasional	On ground, conifer woods	summer and fall
<i>Phellinus igniarius</i>	Hardwood conk	occasional	On living hardwoods	all year
<i>Phellinus tremulae</i>	Aspen conk	abundant	On living poplars	all year
PHALLALES				
<i>Clavariadelphus ligula</i>	Club fungus	occasional	On ground, mixed woods	summer and fall
<i>Clavariadelphus pistillaris</i>	Club fungus	occasional	On ground, mixed woods	summer and fall
<i>Clavariadelphus truncatus</i>	Club fungus	occasional	On ground, mixed woods	summer and fall
<i>Gomphus floccosus</i>	Scaley vase	occasional	On ground, mixed woods	summer and fall
<i>Phallus impudicus</i>	Stinkhorn	occasional	On ground, mixed woods	summer and fall, foul smell
<i>Ramaria formosa</i>	Coral fungus	occasional	On ground, mixed woods	summer and fall
<i>Ramaria stricta</i>	Coral fungus	occasional	On ground, mixed woods	summer and fall
POLYPORALES				
<i>Cerrena unicolor</i>	Mossy maze conk	abundant	On dead hardwoods	all year
<i>Climacodon septentrionale</i>		occasional	On living maple	summer and fall
<i>Daedaleopsis confragosa</i>		occasional	On dead hardwoods	all year
<i>Favolus alveolarus</i>	Hexagonal polypore	occasional	On dead wood	all year
<i>Fomes fomentarius</i>	Tinder conk	abundant	On dead hardwoods	all year
<i>Fomitopsis pinicola</i>	Red belt conk	occasional	On dead wood	all year
<i>Ganoderma applanatum</i>	Artist conk	occasional	On dead hardwoods	all year
<i>Ganoderma tsugae</i>	Varnish conk	occasional	On dead hemlock	all year
<i>Gloeophyllum sepiarium</i>		occasional	On dead conifer wood	all year
<i>Grifola frondosa</i>	Hen of the Woods	occasional	Around living oak	summer and fall, edible
<i>Irpex lacteus</i>	Milky tooth	abundant	On dead hardwoods	all year
<i>Ischnoderma resinosum</i>		occasional	On dead hardwoods	summer and fall
<i>Laetiporus huroniensis</i>	Hemlock sulfur shelf	rare	On dead and dying hemlock	summer and fall
<i>Laetiporus sulphureus</i>	Sulfur shelf	occasional	On live heart-rotted oak	summer and fall, edible
<i>Lentinus lepideus</i>	Train wrecker	occasional	On dead conifers	summer and fall

<i>Lenzites betulina</i>		occasional	On dead hardwoods	all year
<i>Phaeolus schweinitzii</i>	Dyer's conk	occasional	On dead conifer roots	summer and fall
<i>Piptoporus betulinus</i>	Birch conk	abundant	On standing dead birch	all year
<i>Polyporus brumalis</i>		occasional	On dead hardwoods	all year
<i>Pycnoporus cinnabarinus</i>	Cinnamon polypore	occasional	On dead hardwoods	all year
<i>Trametes versicolor</i>	Turkey tail	abundant	On dead hardwoods	all year
<i>Tyromyces chioneus</i>	White cheese	occasional	On dead hardwoods	all year
RUSSULALES				
Auriscalpiaceae				
<i>Clavicornia pyxidata</i>	Coral fungus	abundant	Hardwoods, on wood	late summer and fall
Russulaceae				
<i>Lactarius aquifluus</i>	Watery Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius argillaceifolius</i>	Clay Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius camphoratus</i>	Camphor Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius chrysorrheus</i>	Yellow-milk Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius deceptivus</i>		occasional	On ground, mixed woods	summer and fall
<i>Lactarius deliciosus</i>	Delicious Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius indigo</i>	Indigo Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius lignyotus</i>	Black stem Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius piperatus</i>	Peppery Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius rufus</i>	Rusty Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius thyinos</i>		occasional	On ground, mixed woods	summer and fall
<i>Lactarius torminosus</i>		occasional	On ground, mixed woods	summer and fall
<i>Lactarius uvidus</i>	Purple-staining Lactarius	occasional	On ground, mixed woods	summer and fall
<i>Lactarius vinaceorufescens</i>		occasional	On ground, mixed woods	summer and fall
<i>Lactarius volemus</i>		occasional	On ground, mixed woods	summer and fall
<i>Russula brevipes</i>	Short-stem Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula claroflava</i>	Yellow Russula	occasional	On ground, mixed woods	summer and fall

<i>Russula emetica</i>	Emetic Russula	abundant	On ground, mixed woods	summer and fall
<i>Russula foetens</i>	Fetid Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula fragilis</i>	Fragile Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula laurocerasi</i>	Almond Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula nigricans</i>	Black-staining Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula paludosa</i>	Orange spored Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula variata</i>	Forked-gill Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula virescens</i>	Green Russula	occasional	On ground, mixed woods	summer and fall
<i>Russula xerampelina</i>	Dark purple Russula	occasional	On ground, mixed woods	summer and fall
THELEPHORALES				
<i>Hericium coralloides</i>	Bear's head	occasional	On decaying hardwood	summer and fall, edible
<i>Hericium ramosum</i>	Coral fungus	occasional	On decaying hardwood	summer and fall, edible
<i>Hydnellum aurantiacum</i>	Orange tooth fungus	occasional	On ground, conifer woods	summer and fall
<i>Hydnellum caeruleum</i>	Blue tooth fungus	occasional	On ground, conifer woods	summer and fall
<i>Hydnellum scrobiculatum</i>	Tooth fungus	occasional	On ground, conifer woods	summer and fall
<i>Hydnellum suaveolens</i>	Tooth fungus	occasional	On ground, conifer woods	summer and fall
<i>Hydnellum zonatum</i>	Zoned tooth fungus	occasional	On ground, conifer woods	summer and fall
<i>Sparassis crispa</i>	Cauliflower mushroom	uncommon	On ground, conifer woods	summer and fall, edible
<i>Tellephora terrestris</i>	Brown vase	occasional	On ground, mixed woods	summer and fall
TREMELLALES				
<i>Exidia glandulosa</i>	Black jelly	occasional	On decaying hardwood	summer and fall
<i>Pseudohydnum gelatinosum</i>	Jelly tooth fungus	occasional	On decaying wood	summer and fall

Sources

Ammirati, J.F., I. Bartelli and N. Weber. 1981. The fourth annual A.H. Smith Lakes States foray. The Michigan Botanist 20: pp 99-104.

Mollen, C. and L. Weber. 2007. Fascinating Fungi of the North Woods. Kollath & Stensaas Publishing, Duluth, MN. 113 pp.

Parker, A.D. 2006. A Catalog of the Fungi and Fungus-like Organisms of Wisconsin. University of Wisconsin - Waukesha, Department of Biological Sciences.199 pp.

Richter, D.L. and J.N. Bruhn. 1989. Revival of saprotrophic and mycorrhizal basidiomycete cultures from cold storage in sterile water. Can. J. Microbiol. 35:1055-1060.

Richter, D.L. and J.N. Bruhn. 1993. Mycorrhizal fungus colonization of *Pinus resinosa* Ait. transplanted on northern hardwood clearcuts. Soil Biol. & Biochem. 25:355-369.

Richter, D.L. 2004. Rare and unusual fungi (Basidiomycota) of the Huron Mountains, Marquette Co., MI. The Michigan Botanist 43 (2):65-80.

Richter, D.L. 2008. Kingdom Fungi. Occasional Publications of the Huron Mountain Wildlife Foundation. In: Woods, K. D. (compiler), An all-taxa biodiversity inventory of the Huron Mountain Club., No. 5. http://www.hmwf.org/species_list.php.

Richter, D.L. 2010. Mycorrhizal fungi of native red pine stands in the Huron Mountains, 15th year survey. Report to the Huron Mountain Wildlife Foundation, Nov. 2010. 12 pp.

Smith A.H. and H.V. Smith. 1976. Some common mushrooms of Michigan's parks and recreation areas. Michigan Botanical Club Special Publication No. 1, 6th Printing. 80 pp.

Smith A.H. and N. Smith-Weber. 1980. The Mushroom Hunter's Field Guide. University of Michigan Press, Ann Arbor, MI. 316 pp.

Acknowledgements

The following individuals provided helpful comments and discussions regarding mushroom identifications, collection records, and editing assistance; their help in the field is also appreciated while sharing an appreciation of the fungi: Ms. Cora L. Mollen and Dr. Joseph G. O'Brien, USDA Forest Service, Forest Health Protection. Funding was provided through the Ottawa National Forest, U.S. Forest Service and Michigan Technological University.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, or marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at 202/720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call 202/720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

