

Fungi and Slime Molds of Howard County, MD

Robert and Joanne Solem



Based on Howard County field observations,
supplemented with a variety of copyright material

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This is NOT a guide to edible fungi. References to poisonous species do not imply the safety of species not labeled. *The authors assume no responsibility for misuse of this information.*

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In cooperation with the Howard County Bird Club,
a chapter of the Maryland Ornithological Society.

This publication uses the preferred scientific names in *Index Fungorum*, which may not be the ones used in currently published guides. (*Index Fungorum* is the accepted authority.)

To be sure of the correct English or scientific name,
use the [Index](#) (page 405)

Cover photo: Orange Jelly (*Dacrymyces palmatus*), High Ridge Park, R Solem.

Table of Contents

Table of Contents	2
Introduction	2
Layout	3
Acknowledgments.....	3
Photographers	3
 Gilled Fungi.....	4
 Fleshy Pore Fungi.....	206
 Polypores	242
 Others	311
 Slime Molds	387
Appendices	402
References.....	402
Glossary.....	403
Locations.....	404
Index	405

Introduction

The material in this guide pertains solely to Howard County, a small, rapidly-urbanizing central Maryland county. Most of the land lies within the Piedmont; only the narrow section east of I-95 is in the Coastal Plain. Oak/hickory/beech forests predominate with extensive native pines only in the easternmost area. Planted blocks of conifers are found along the two reservoirs.

Maps and more detailed information about any of the public sites referred to can be found in the site guides in the on-line publication [Birding Howard County, Maryland](#).

Fungi identification is notoriously complex. This handbook undoubtedly contains unintentional errors. Corrections will continue to be made in future revisions.

Species names are those shown in [Index Fungorum](#). Use of recent nomenclature may mean the scientific names are not identical to those in books. Previously used scientific names are shown under Synonyms. If there is a reasonable possibility that there is more than one similar species, the scientific name is followed by the phrase "[cluster]," "[complex]," or "[group]." Many species do not have widely used common names; others have multiple names. The most widely used one (or two) have been included.

Identifications (unless otherwise indicated) are based on macro characteristics only. Some species names are followed by the phrase "[or near]" when we were not confident of identification based on macro characteristics alone. In such cases, it is an indication that the species shown is the most likely, based on range. Species that have been identified by microscopic examination of spores (by R Orr) are so indicated.

Acknowledgments

Layout

Each species appears on one page (photos in left column and description in right).

Color of rectangle in cell to right shows form of **Fruiting Body**:

Gilled Pores Polypores Other Slime molds

Common Name

[Common Name 2]

Latin Name

Family [or Class]

J	F	M	A	M	J	J	A	S	O	N	D
							---	---	---		

Phenogram: (above) shows fruiting times. Each month (J, F, ...) is divided into three 10-day periods. A hyphen (-) indicates a date from references; a plus (+) indicates a date from Howard County records.

ID: Short summary of characteristics helpful (or unique) in identifying the species shown. Only distinctive information is included here.

Habitat: Substrate and other preferences.

Cap/Fertile Body: Diameter of cap in inches and metric. Measurement in the text body is thickness of flesh of cap/fertile body, expressed as millimeters or ratio to thickness of gills/pores/fertile surface.

Gills/ Pores/Fertile Surface: Measurement in the text body is thickness of gills/pores/fertile surface, expressed as millimeters or ratio to cap/fertile body flesh.

Spores: Color. *Italics* mean authors have obtained a spore print.

Stalk: First measurement is length, second is diameter.

Frequency: *Uncommon* – recorded from 1 or 2 county sites; *Occasional* 3-5; *Fairly common* 6-9; *Common* 10-14; *Very common* 15+.

Locations: Five letter location. See page 404.

Notes: Clarifying material.

Synonyms: Latin name(s) by which the species has been identified historically.

References: Bar. BBF. Bin. BRB. Kae. Kuo. Lin. M&M. McK. Myx. Pac. Phi. Rog. Roo. Rus.

See “References” on page 402 for expansion of trigraphs. Kuo and Rog are websites. Entries for the other references are followed by page numbers for text, then the page number (or plate number) of the picture if it is not on the same page as the text.

Photographs, with identifying information, left side of each page. Complete names of photographers are shown on page 3, lower right.

Of the many people who have provided assistance with this project, some deserve special mention. Ricahrd Orr and Grazina McClure have been enjoyable companions on numerous outings. Richard’s assistance with identifications and his generosity in sharing photographs have greatly enhanced the scope and appearance of this guide; his microscopic examination of selected spores has made some identifications possible. Grazina’s sharp eyes and keen observational skills have been essential in the field; she has also assisted with many identifications. Skilled photographers Wes and Sue Earp have brought enthusiasm, an intense interest in natural history, and a ready wit to outings.

At the risk of omitting someone, we would also like to express our gratitude to the many individuals who shared photographs, provided property access, gave valuable advice, and/or spent time in the field with us. They include Jeff Culler, Ward Ebert, Kevin Heffernan, Emy Holdridge, Kathie Lillie, Nancy Magnusson, Mike McClure, Helen Metzman, Sue Muller, Paul Noell, Bonnie Ott, Kurt Schwarz, Jay Sheppard, Chuck Stirrat, Kate Tufts, June Tveekrem, Martha and Don Waugh, and Michele Wright.

We are grateful to Howard County Department of Recreation and Parks for access to parks and open space.

— B&JS

Photographers

J Culler – Jeff Culler

S Earp - Sue Earp

W Earp – Wes Earp

K Lillie – Katharine Lillie

N Magnusson – Nancy Magnusson

H Metzman – Helen Metzman

S Muller – Sue Muller

R Orr – Richard Orr

B Ott – Bonnie Ott

K Schwarz – Kurt Schwarz

J Solem – Joanne Solem

R Solem – Robert Solem

J Tveekrem – June Tveekrem

Gilled Fungi

GENERA IN ALPHABETIC ORDER

(as they appear in the guide)



- | | |
|-------------------------|-----------------------|
| <i>Agaricus</i> | <i>Lentinus</i> |
| <i>Agrocybe</i> | <i>Lepiota</i> |
| <i>Amanita</i> | <i>Lepista</i> |
| <i>Ampulloclitocybe</i> | <i>Leucoagaricus</i> |
| <i>Armillaria</i> | <i>Leocopaxillus</i> |
| <i>Baeospora</i> | <i>Lyophyllum</i> |
| <i>Callistosporium</i> | <i>Macrolepiota</i> |
| <i>Cantharellus</i> | <i>Marasmiellus</i> |
| <i>Catathelasma</i> | <i>Marasmius</i> |
| <i>Cheimonophyllum</i> | <i>Megacollybia</i> |
| <i>Chlorophyllum</i> | <i>Melanoleuca</i> |
| <i>Chrysomphalina</i> | <i>Mycena</i> |
| <i>Clitocybe</i> | <i>Neolentinus</i> |
| <i>Collybia</i> | <i>Nolanea</i> |
| <i>Conocybe</i> | <i>Omphalotus</i> |
| <i>Coprinellus</i> | <i>Panaeolus</i> |
| <i>Coprinopsis</i> | <i>Panellus</i> |
| <i>Coprinus</i> | <i>Panaeolina</i> |
| <i>Cortinarius</i> | <i>Parasola</i> |
| <i>Craterellus</i> | <i>Paxillus</i> |
| <i>Crepidotus</i> | <i>Pholiota</i> |
| <i>Cystoderma</i> | <i>Phylloporus</i> |
| <i>Entoloma</i> | <i>Phyllotopsis</i> |
| <i>Flammulina</i> | <i>Pleurotus</i> |
| <i>Galerina</i> | <i>Plicaturopsis</i> |
| <i>Gymnopus</i> | <i>Pluteus</i> |
| <i>Gymnopilus</i> | <i>Psathyrella</i> |
| <i>Hebeloma</i> | <i>Psilocybe</i> |
| <i>Hohenbuehelia</i> | <i>Resupinatus</i> |
| <i>Humidicutis</i> | <i>Rhodocollybia</i> |
| <i>Hygrocybe</i> | <i>Russula</i> |
| <i>Hygrophorus</i> | <i>Schizophyllum</i> |
| <i>Hygrophoropsis</i> | <i>Stropharia</i> |
| <i>Hypholoma</i> | <i>Tapinella</i> |
| <i>Inocybe</i> | <i>Tricholoma</i> |
| <i>Kuehneromyces</i> | <i>Tricholomopsis</i> |
| <i>Laccaria</i> | <i>Tubaria</i> |
| <i>Lacrymaria</i> | <i>Xeromphalina</i> |
| <i>Lactarius</i> | <i>Xerula</i> |
| <i>Lentinellus</i> | |

Meadow Mushroom

Agaricus bisporus



TOP: Schooley Mill Park, 9/13/2009, J Solem.
 SIDE: Guilford Park, 10/19/2009, J Solem.
 RING and GILLS: Guilford Park, 10/19/2009, J Solem.
 GILLS: Guilford Park, 10/19/2009, J Solem.

Meadow Mushroom

[*Agaricus bisporus*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+++	++-		

ID: Cap white/gray; smooth; convex (nearly flat in age). Stalk white; ring usually collapses.

Habitat: Scattered or groups/clusters/fairy rings. Grassy areas (but not in forests).

Cap: 1.5-2.8" [4-7 cm]
 White to gray/gray-brown. Dry. Smooth. Convex (nearly flat in age). Margin inrolled when young, may show veil remnants on margin. Flesh white, firm (ages/stains pink/brown).

Gills: Pinky brown to bright pink (dark brown in age). Free/attached to collar. Crowded. Secondary gills.

Spores: *Dark brown/black.*

Stalk: 1 - 2.4" [4 - 8 cm]
 White. Smooth. Usually cylindrical or tapers down; ring usually collapses. No volva. Flesh white. Stuffed.

Frequency: Occasional.

Locations: GUIPK, RIVHL, RKBRP, SLMLP, WESRP.

Synonyms: *A. campestris. Psalliota campestris.*

References: Bar 193. Lae 160. M&M 283. McK 256, 31. Phi 219. Roo 47. Rus 55, 16. Kuo.

None

Agaricus moelleri



SIDE: High Ridge Park, 9/9/2009, *J Solem*.
 OVERALL: Wincopin Trail, 7/18/2010, *J Solem*.
 STALK and GILLS w/ VEIL INTACT: Wincopin Trail, 7/18/2010, *J Solem*.
 PARTIAL VEIL, RING and CAPS: Rocky Gorge, 9/19/2009, *R Solem*.

None

[*Agaricus moelleri*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
					---	+-	+++	++-	---		

ID: Cap white w/ grayish-brown scales; convex, flattened in age. Stalk white w/ bulbous base; ring w/ cottony patches on underside. Odor unpleasant. Use KOH.

Habitat: Scattered or groups. In forests (especially hardwoods), grassy areas w/ trees, sawdust piles.

Cap: 1 – 3.5" [2.5 – 9 cm]
 White base color covered w/ tiny grayish/grayish-brown scales. Convex (broadly convex/flattened in age). Low umbo, disc sometimes flattened. Flesh (6 mm) white. Odor unpleasant. Cap yellow w/ KOH.

Gills: White, becoming pink, dark brown in age. Free. Crowded. Depth 7 mm. Secondary gills.

Spores: *Dark brown.*

Stalk: 4" x 1/4 - 1/2" [3.5 – 10 cm x 5 – 13 mm]
 White (flesh in base stains yellow). Smooth. White partial veil membranous w/ cottony patches; veil may have brown droplets/stains. Nearly equal w/ bulbous/abruptly bulbous base. Superior single-layered ring w/ cottony patches on underside.

Frequency: Fairly common.

Locations: BIGBR, HAMVL, HIRIP, LONGC, RKBRP, ROGOR, WESRP, WINTR.

Notes: 

Synonym: *A. placomyces.*

References: Bar 194. BBF 53, 271. M&M 278. McK 258, 32. Phi 225. Kuo. Rog.

Wood Mushroom

Agaricus silvaticus [complex]



TOP: Rockburn Branch Park, 6/16/2009, J Solem.
 GILLS and RING: Rockburn Branch Park, 6/16/2009, J Solem.
 SIDE: Rockburn Branch Park, 6/16/2009, R Solem.
 CAP, RING and STALK: Rockburn Branch Park, 6/16/2009, J Solem.

Wood Mushroom

Agaricus silvaticus [complex]
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	-	-	-	-	-
					+				+	+	

ID: Cap off-white, covered w/ pinkish-brown scales; convex (nearly flat in age). Stalk dingy pink (darker in age); persistent flaring ring.

Habitat: Scattered, groups. On ground in coniferous, hardwood (occasionally), or mixed forests.

Cap: 2 – 4” [5 – 10 cm]
 Off-white. Dry. Covered w/ obscure to dense pinkish-brown scales. Convex (nearly flat in age). Margin inrolled when young. Flesh white, firm (ages/stains pink/red).

Gills: Grayish-pink (dark reddish-brown in age). Free. Crowded.

Spores: Gray/darkbrown.

Stalk: 2.4 – 4.3” x 0.4 – 0.8” [6 – 11 cm x 1 – 2 cm]
 Dingy pink (pinkish-brown in age). Nearly smooth; fibrils above/below ring. Usually cylindrical or tapers up w/ rather bulbous base. Partial veil may leave persistent, flaring ring. Flesh white (stains pink/red). Hollow.

Frequency: Occasional.

Locations: HIRIP, MPENA, RKBRP, ROGOR.

References: Bar 193. BBF 52key. Lae 163. M&M 277. McK 260, 31. Phi 220.

Cracked-top Agrocybe

Agrocybe molesta



TOP: Rocky Gorge, 5/8/2010, S. Muller.
 CAPS and GILLS: Rocky Gorge, 5/8/2010, S. Muller.
 OVERALL: Rocky Gorge, 5/8/2010, S. Muller.

Cracked-Top Agrocybe

[*Agrocybe molesta*](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
			---	++	---						

ID: Cap creamy white; convex; margin may have veil fragments. Gills light, becoming browner. Stalk color of cap, smooth or scaly, central.

Habitat: Solitary, groups. On grass and decomposing grass litter.

Cap: 1.6– 3.5" [4 – 9 cm]
 Creamy-white (yellow-brown/brown in age). Surface smooth, dry, but may show cracks in age. Convex (broadly convex/flat in age). Margin often w/ partial veil fragments. Flesh white, thick.

Gills: White/pale (dark purple-brown in age). Attached, covered w/ whitish partial veil.

Spores: *Dark brown.*

Stalk: 1.6 – 3.9" x 0.2 – 0.6" [4 – 10 cm x 5 – 15 mm]
 White to brownish, smooth/finely hairy; nearly equal, central; ring usually disappears.

Frequency: Uncommon.

Locations: HENPV, ROGOR.

Synonyms: *Agrocybe dura*. *Agaricus molestus*.

References: Bar 214. BBF 55fn. Lin 558fn. M&M 271. McK 305, 17. Phi 226. Roo 267. Kuo.

Spring Agrocybe

Agrocybe praecox [complex]



TOP: Rockburn Branch Park, 5/25/2009, J Solem.
 SIDE: Rockburn Branch Park, 5/25/2009, J Solem.
 GILLS and RING: Rockburn Branch Park, 5/25/2009, J Solem.

Spring Agrocybe

[*Agrocybe praecox*](#) [complex]
Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	+	-	-	-		

ID: Cap whitish-yellow (brown in age); moist, smooth; convex (depressed in age). Stalk white (yellowish-brown in age); thin ring.

Habitat: Scattered, groups. On ground in forests, lawns, fields, decaying wood.

Cap: 1.1 – 2.8" [3 – 10 cm]
 Whitish/yellow/tan/rusty brown/brown on disc and overall in age. Moist. Smooth. Convex (convex/flat/depressed in age). Flesh = gill layer; white.

Gills: Whitish (grayish/brownish to rusty-brown in age). Notched/attached. Close. Broad. Secondary gills.

Spores: *Rusty-brown.*

Stalk: 1.1 – 4" [3 – 10 cm]
 White (yellowish/brown in age). Smooth to longitudinally striate. Equal/slight flare at base. Whitish thin partial veil may leave small, thin, superior ring.

Frequency: Uncommon.

Locations: RKBRP.

Notes: Complex of several forms and possibly several species.

Synonym: *Pholiota praecox.*

References: BBF 57, 272. Lae 85. Lin 558, 225. M&M 272. Phi226.

Cecilia's Amanita

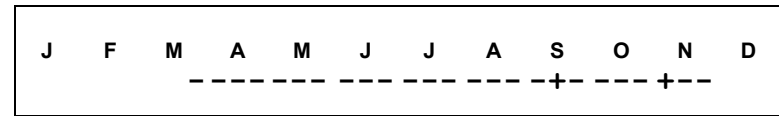
Amanita ceciliae



SIDE: Big Branch, 9/17/2008, J Solem.

Cecilia's Amanita

Amanita ceciliae
Amanitaceae



ID: Cap brown/gray w/ patches; convex (flatter in age). Stalk white/gray w/ patches, volva patches on stalk.

Habitat: Alone, scattered, clusters. On ground in forests.

Cap: 1 – 4.7" [5 – 12 cm]

Brown/gray w/ patches, usually darker in center. Convex/flat. Flesh white.

Gills: Whitish. Free to slightly attached. Crowded. Short secondary gills.

Spores: *White*.

Stalk: 2.8 – 7.1" x up to 0.8" [7 – 18 cm x 2 cm]

White/gray. Smooth/finely hairy. Slight taper upward; no swollen base. No ring. White/gray volva leaves flakes/patches on stalk. Stuffed.

Frequency: Uncommon.

Locations: BIGBR, RKBRP.

Notes:  **Do not taste!**

References: Bar 235. M&M 39. Phi 21. Roo 237. Kuo.

Citron Amanita

Amanita citrina



TOP: Pigtail, 10/6/2009, R Solem.
 STALK: Pigtail, 10/6/2009, R Solem.
 PARTIAL VEIL: Pigtail, 10/6/2009, R Solem.
 BULB: Pigtail, 10/6/2009, R Solem.

Citron Amanita

[*Amanita citrina*](#)
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D		
							-	-	-	+	+	+	+

ID: Cap greenish-yellow w/ warts (usually), smooth to sticky; convex, flatter in age. Stalk white, greenish-yellow ring, conspicuous bulb. Odor of potatoes?

Habitat: Solitary, scattered, groups. On ground in mixed forests.

Cap: 2 – 4.5" [5 – 12 cm]
 Pale greenish-yellow, often w/ tannish stains. Smooth. Dry to sticky. Usually w/ some random floccose/fibrous grayish warts (which may wash off). Convex/nearly flat. Margin smooth (slightly striate in age) w/ veil remnants. Odor of potatoes?


Gills: White/whitish. Free/finely attached. Crowded. Moderately broad. Partial veil greenish-yellow.

Spores: White.

Stalk: 2.2 – 5" x 1/4 – 3/4" [6 – 13 cm x 6 – 20 mm]
 White w/ tannish stains. Scaly/smooth/silky. Tapers up. Conspicuous marginate basal bulb. Superior, pendant, pale greenish-yellow ring. Stuffed/hollow.

Frequency: Occasional.

Locations: BIGBR, HIRIP, PIGTL, RKBRP, GUIPK.

Notes:  **Do not taste!**
 ID was by macro characteristics, not by microscopic examination of spores.

Synonym: Subgenus *Phalloidæ*.

References: Bar 237. BBF 61. Lae 150. Lin 531, 125. M&M 36. McK 222, 28. Pac 5. Phi 27.

Coker's Amanita
Solitary Lepidella

Amanita cokeri

Coker's Amanita
Solitary Lepidella

[Amanita cokeri](#)
Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D				
						-	-	-	+	+	-	-	-	-	-

ID: Cap white/ivory w/ large warts; convex to nearly flat. Stalk w/ scales near base; spindle-shaped bulb.

Habitat: Single, scattered. On ground in mixed (oak-pine) forests.

Cap: 3 – 6" [7.5 – 15 cm]
White/ivory. Pyramidal, wartlike patches over whole cap. Convex/nearly flat. Margin may have veil fragments. Little or no odor. Flesh = gill layer (9 mm).

Gills: White/yellowish/pink-tinged. Free/somewhat attached. Crowded. Broad.

Spores: White.

Stalk: 5 – 8" [12.5 – 20 cm]
White. Concentric down-curved scales near base. Large spindle-shaped, rooting bulb up to 2" [5 cm] wide. Stuffed.

Frequency: Uncommon.

Locations: SLMLP, WESRP.

Notes:  **Do not taste!**

ID was by macro characteristics, not by microscopic examination of spores.

Synonym: Subgenus *Lepidella*.

References: BBF 61key. Bin 9. Lin 531, 166. M&M 46. Mck 222, 28. Phi 22. Roo 50.

TOP and BULB; Schooley Mill Park, 9/1/2009, J Solem.
TOP and RING: North Laurel Park, 8/27/2009, J Solem.
VEIL, GILLS and RING: Schooley Mill Park, 9/1/2009, J Solem.
BULB: Schooley Mill Park, 9/1/2009, J Solem.

Yellow Patches

Amanita flavoconia



SIDE: Pigtail, 8/17/2009, R Solem.
TOP: Pigtail, 8/17/2009, R Solem.
RING and VOLVA: Pigtail, 8/17/2009, R Solem.

Yellow Patches

[Amanita flavoconia](#)
Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	+++	---		

ID: Cap yellow w/ yellow warts (may wash off). Stalk white w/ yellow flocculence, white/yellow ring; thin bulb w/ yellow warts.

Habitat: Scattered, groups. On ground/moss in hardwoods or mixed forests.

Cap: 1.2 – 4” [3 – 9 cm]
Yellow (tinted orange, especially near center). Numerous randomly arranged bright yellow/orange floccose warts. Dry/sticky. Smooth. Flesh white.

Gills: White. Rounded/attenuate. Moderately crowded. Moderately broad. Partial veil yellow/orangish-yellow. Secondary gills.

Spores: White.

Stalk: 2 – 4.5” [5 – 12 cm]
White. Coated w/ yellow flocculence, especially near base. Bulb small, ovoid, often w/ bright yellow warts at base. Ring superior, pendant, white/yellow, membranous, thin. Stuffed/fairly solid.

Frequency: Fairly common.

Locations: FARMS, HIRIP, NOLAP, PIGTL, RKBRP, ROGOR.

Notes:  **Do not taste!**

References: Bar 238. BBF63, 273. Bin 15. Lin 534, 136, 139. M&M 34. McK 224, 26. Phi 31. Roo 54.

Yellow Blusher

Amanita flavorubescens



OVERALL: Rockburn Branch Park, 7/28/2010, R Orr.

OVERALL: MPENA, 7/26/2010, R Orr.

Yellow Blusher

[*Amanita flavorubescens*](#)

Amanitaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	+	-	-

ID: Yellow w/ or w/o warts/patches. Yellowish pendant/membranous ring. Club-shaped bulb. Flesh slowly stains reddish.

Habitat: Solitary, scattered, groups. On ground in mixed forests (especially oak).

Cap: 1.5 – 4.4" [4 – 11 cm]

Golden-/brownish-yellow. Smooth (viscid when moist); may or may not have yellowish warts/patches. Convex (nearly plane in age). Flesh whitish, slowly stains reddish.

Gills: Creamy white. Free or nearly. Close/crowded. Partial veil whitish/yellowish.

Spores: *White*.

Stalk: 2 – 5.5" x 0.4 – 0.8" [5 – 14 cm x 1 – 2 cm]

Whitish/yellowish, usually w/ reddish stains near base. Nearly smooth. Club-shaped bulb often tapers and often has yellowish patches. Ring yellowish, thin, pendant, membranous. Flesh yellowish, slowly stains reddish.

Frequency: Uncommon.

Locations: MPENA. RKBPR.

Notes:  **Do not taste!**

References: Bin 17. BBF 63, 272. Lin 535, 135, 678. McK 225, 26. M&M 34. Phi 28. Roo 55.



TOP and VOLVA: North Laurel Park, 9/30/2008, *J Solem*.
 GILLS, STALK and BULB: Duvall Road, 6/12/2009, *R Solem*.



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	+

ID: Cap orange/brown, margin lighter. Stalk white; loose, sac-like volva.

Habitat: Solitary, clustered. On disturbed ground in forests.

Cap: 1.2 – 3.9" [3 – 9.9 cm]

Yellow-/orange-brown, lighter at margin. Sticky at first or when wet. Conical (becomes convex/nearly flat). Margin prominently grooved.

Gills: White. Free/slightly attached. Close. Broad.

Spores: *White*.

Stalk: 2.8 – 5.9" x 0.2 – 0.8" [7 – 15 cm x 5 – 20 mm]

White or a few gray scales. Slight taper upward. No ring. White sac-like volva fitting loosely around stalk (sometimes discolored grayish/reddish-brown). Hollow.

Frequency: Uncommon.

Locations: NOLAP, TUFTS.

Notes:  **Do not taste!**

References: Bar 236. BBF 58key. Lae 152. Lin 536, 115, 674. M&M 32. McK 238, 25. Pac 15. Phi 20.

Gemmed Amanita

Amanita gemmata [group]



TOP: Rockburn Branch Park, 7/28/2010, J Solem.
 GILLS, RING, STALK, BULB: Rockburn Branch, 7/28/2010, J Solem.

Gemmed Amanita

[*Amanita gemmata*](#) [group]
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	+	+	-	-	-

ID: Gray/light cap expands fast. Warts often wash off. Ring and volva may fragment.

Habitat: Scattered, groups. On ground in coniferous, deciduous, and mixed forests.

Cap: 1.2 – 4.3" [3 – 11 cm]
 Light gray/dull yellow. Sticky when young. Convex (flat in age). White warts often wash off. Margin may be lined in age. Flesh white.

Gills: White. Free. Close/crowded. Secondary gills.

Spores: *White.*

Stalk: 1.6 – 5.9" x 3/4" [4 – 15 cm x 2 cm]
 White. Smooth. Tapers up w/ small basal bulb. Fragile white ring and volva often fragment.

Frequency: Uncommon.

Locations: BIGBR, RKBRP.

Notes:  **Do not taste!**

References: BBF 60key. Kuo.

American Caesar's Mushroom

Amanita jacksonii



OVERALL: Hammond Village, 8/25/2010, J Solem.

American Caesar's Mushroom

[Amanita jacksonii](#)
Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	+	+	+	-	-

ID: Cap yellow/orange, shiny to sticky; convex (flat in age). Stalk pale yellow, yellow ring, thick white volva.

Habitat: Solitary, loosely grouped. On ground in mixed forests.

Cap: 2.5 – 9" [6 – 22 cm]

Reddish-orange (center)/yellowish-orange (margin). Dry/sticky. Smooth, shiny. Convex/flat, usually w/ umbo. Grooved margin, may show patches of white veil tissue. Flesh white.

Gills: Pale yellow. Free. Crowded. Fairly broad. Pale yellow-orange partial veil.

Spores: *White*.

Stalk: 3.5 – 9" [6 – 22 cm]

Pale yellow (sometimes streaked w/ orange). Smooth/ scaly/roughened. Tapered upward. Pale yellow/orange superior ring. White, thick lobed, sheathing volva. Stuffed/hollow; brittle.

Frequency: Occasional.

Locations: LONGC, NOLAP, PIGTL, RKBPR.

Synonyms: *Amanita caesarea*. *Amanita umbonata*.

Notes:  **Do not taste!**

References: Bin 19. Lae 145. Lin 528, 142, 681. M&M 31. McK 217, 25. Pac 15. Phi 18. Roo 52. Kuo.

Fly Agaric

Amanita muscaria



SIDE: (*v formosa*): Mt. Pleasant, 9/2/2009, R Orr.
 SIDE: (*v. muscaria*): High Ridge Park, 6/17/2008, J Solem.
 TOP and BULB: Rockburn Branch Park, 9/22/2009, R Solem.
 PARTIAL VEIL, STALK and BULB: River Hill, 11/16/2009, R Solem.

Fly Agaric

Amanita muscaria
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
					++	---	---	---	---	---	---

ID: Cap orange/yellow or red w/ large pale warts. Stalk pale yellow (stains yellow); white/pale yellow ring; bulb shape varies.

Habitat: Scattered, groups. On ground in forests under trees or in grassy areas.

Cap: 1.8 – 7” [4.5 – 18 cm]

Orange/yellow cap: var *formosa*. Red cap: var *muscaria*. Darker in center, fades to margin. Covered w/ concentric/irregularly arranged floccose warts (pallid/tan/yellowish). Smooth. Dry/sticky. Grooved margin. Convex/flat (in age). Flesh white, thick.

Gills: White/cream. Free/finely attached. Crowded. Broad. White/yellowish partial veil.

Spores: *White*.

Stalk: 1.8 – 6.5” [4 – 15 cm]

White to pale yellow. Stains yellow. Scaly/fibrous; roughened. Slight taper upward. Bulbous; lower stalk w/ rings of universal veil tissue. Membranous white/pale yellow pendant ring. Bulb may be root-like or concentric. Stuffed (hollow in age).

Frequency: Fairly common.

Locations: ANNRK, BIGBR, GUIPK, HAMVL, PIGTL, RIVHL, RKBRP.



Notes:  **Do not taste!**

Parasitized by *Hypomyces hyalinus* (which see).

References: 273. Bar 239. BBF 64. Bin 21. Lae 146. Lin 539, 143, 144, 680, 540, 137, 677. M&M 33. McK 227, 26. Pac 2. Phi 16. Roo 56. Rus 63, 21.

False Caesar's Mushroom

Amanita parcivolvata



BUTTON: Pigtail, 8/31/2010, R Orr.
 GILLS, STALK and CAP: Pigtail, 8/29/2010, R Orr.

False Caesar's Mushroom

[*Amanita parcivolvata*](#)
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	-	-

ID: Red/red-orange w/ or w/o warts/patches. Yellowish pendant/membranous ring. Club-shaped bulb.

Habitat: Solitary, scattered. On ground in mixed forests (oak), on lawns under oaks.

Cap: 1 – 5" [2.5 – 12.5 cm]

Red when young (center reddish, margin orange in age) w/ cottony, yellowish warts/patches. Hemispherical (convex/flat/sunken center in age). Smooth; tacky when wet. Margin often w/ veil remnants.

Gills: Yellowish. Free. Crowded. Broad

Spores: *White*.

Stalk: 1 – 5" x 1/8 – 5/8" [2.5 – 12.5 cm x 3 – 15 mm]

Yellowish. Mealy/powdery. Rounded bulb often w/ veil remnants.

Frequency: Uncommon.

Locations: HAMVL, PIGTL.

Notes:  **Do not taste!**

References: Bin 27. BBF 59key. Lin 542; 140. McK 229, 25. M&M 33fn. Roo 239.

None

Amanita polypyramis



SIDE: (note quarter for size): Rocky Gorge, 9/19/2009, R Solem.
 CUT SURFACES: North Laurel Park, 9/12/2009, J Solem.
 SIDE: North Laurel Park, 9/12/2009, J Solem.

None

[Amanita polypyramis](#)
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	+	+	-	-

ID: Cap white w/ patches/ warts; hemispheric (flatter in age). Stalk w/ skirt-like fragile ring; large base; large volva w/ concentric rings and splits. Strong unpleasant odor.

Habitat: Solitary; microrhizal w/ conifers and hardwoods (especially oaks).

Cap: 3 – 6” [7 – 21 cm]
 Whitish. Covered w/ sticky powder that soon becomes aggregated into warts/patches. Moist/dry. Broadly convex/nearly flat. Flesh white, firm. Strong odor of old tennis shoes.


Gills: Creamy/dirty buff, waxy. Free/nearly so. Crowded.

Spores: White.

Stalk: 4 – 8” x 0.4 – 0.8” [7 – 20 cm x 1 – 3.5 cm]
 Colored like cap. Covered w/ powdery material when young; then scattered/abundant fibrils. Tapers to apex; club-shaped bulb w/ splits. Large skirt-like, fragile, whitish ring that often disappears. Volva large w/ concentric rings.

Frequency: Occasional.

Locations: HIRIP, NOLAP, PIGTL, ROGOR, WINTR.

Notes:  **Do not taste!**
 ID was by macro characteristics, not by microscopic examination of spores.

Synonym: Subgenus *Lepidella*.

References: Bin 29. McK 232, #28. M&M 42. Kuo.

Gray Veiled Amanita

Amanita porphyria



SIDE: High Ridge Park, 6/23/2009, R Solem.
TOP: High Ridge Park, 6/23/2009, J Solem.
GILLS, STALK and BULB: High Ridge Park, 6/23/2009, J Solem.

Gray Veiled Amanita

[Amanita porphyria](#)
Amanitaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	-	-	-	-	-

ID: Cap brownish-gray (w/ possibly a few gray warts). Stalk whitish w/ gray fibers; pale gray ring; marginate bulb.

Habitat: Solitary, scattered, groups, clusters. On ground in mixed forests.

Cap: 1.8 – 4.5" [4 – 12 cm]
Dark brownish-gray (darkest toward center). May have a few floccose gray warts. Dry/sticky. Smooth. Margin smooth/vaguely striate. Flesh whitish.

Gills: White/pale gray. Free/attached. Close. Broad. Partial veil gray. Depth = 2X cap flesh. Secondary gills.

Spores: *White*.

Stalk: 2 – 4.5" x 0.2 – 0.8" [5 – 12 cm x 6 – 18 mm]
Whitish w/ gray fibers. Nearly smooth; upper surface striate. Pale gray ring adheres to stalk. Nearly round marginate bulb. Stuffed/hollow.

Frequency: Uncommon.

Locations: HIRIP.

Notes:  **Do not taste!**

References: Bar 240. BBF 66, 273. Lae 151. Lin 544, 149. M&M 41. McK 233, 27. Phi 33. Roo 59. Rog.

Blusher

Amanita rubescens



SIDE: High Ridge Park, 6/21/2009, R Solem.
 RING and GILLS: Pigtail, 8/27/2009, R Solem.
 CAPS: Western Regional Park, 8/9/2009, J Solem.

Blusher

[*Amanita rubescens*](#)
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	+	+	-

ID: Cap tan w/ lighter warts. Stalk white/pale pink; membranous ring; bulb elongate w/ reddish stains. Cap and stalk slowly stain red, then black

Habitat: Scattered, groups. On ground in forests under trees or in grassy areas.

Cap: 1.5 – 8” [4 – 20 cm]

Bronze (light tan) w/ brown/red tints (center darker). Slowly stains reddish then blackish. Random floccose tan/reddish-tan warts. Dry; sticky when wet. Smooth. Margin white, slightly grooved (or not) w/ remnants of veil. Flesh (12 mm, <= gill layer); white.

Gills: White, often w/ reddish discolorations. Free/finely attached. Crowded. Broad. White/tan partial veil. Dried gills are chalky.

Spores: White.

Stalk: 3 – 8” x 0.3 – 1.5” [7 – 25 cm x 7 – 40 mm]

White/pale pink/tan. Slowly stains reddish. Smooth/floccose; lower stalk infrequently w/ rings of universal veil tissue. Membranous white/pale tan pendant ring. Bulb elongate w/ reddish stains. Solid/ stuffed.

Frequency: Common.

Locations: ANNRK, BIGBR, BRNBR, HAMVL, HENPV, HIRIP, LONGC, NOLAP, PIGTL, RKBRP, SLMLP, SVMLT, WESRP, WINTR.

Notes:  **Do not taste!**

Parasitized by *Hypomyces hyalinus* (which see).

References: Bar 240. BBF 66, 274. Bin 31. Lae 147. Lin 545, 132. M&M 38. McK 235, 26. Pac 11. Phi 28. Roo 60. Rus 64, 22.

Grisette

Amanita vaginata
[complex]



SIDE: Browns Bridge, 10/16/2008, J Solem.

BUTTON: Rockburn Branch Park, 8/25/2010, R Orr.

TOP: Big Branch, 9/7/2009, J Solem.

Grisette

Amanita vaginata [complex]
Amanitaceae

J	F	M	A	M	J	J	A	S	O	N	D
				+	-	+	+	-	-	+	+

ID: Cap grayish-brown; convex (flat/depressed in age); margin grooved. Stalk w/ club-shaped bulb; white sac-like volva. No ring.

Habitat: Solitary, clustered. On disturbed ground in forests under trees or in grassy areas.

Cap: 1.2 – 3.9" [3 – 10 cm]

Gray/grayish-brown, sometimes with a few white/grayish patches, lighter at margin. Sticky at first or when wet. Curved (becoming convex/nearly flat). Margin prominently grooved.

Gills: White. Free/slightly attached. Close. Broad.

Spores: *White*.

Stalk: 2.8 – 5.9" x 0.2 – 0.8" [7 – 15 cm x 5 – 20 mm]

White or a few gray scales. Ovoid/club-shaped bulb. No ring. White sac-like volva fitting loosely around stalk (sometimes discolored grayish/reddish-brown). Hollow.

Frequency: Common.

Locations: BIGBR, BRNBR, CASCT, HAMVL, LONGC, MPENA, NOLAP, RKBPR, SLMLP, TUFTS, WESRP.

Notes:  **Do not taste!**

References: Bar 236. BBF 58key. Lae 153. Lin 549, 112. M&M 32. McK 237, 25. Pac 15. Phi 20. Rus 66, #23. Kuo.

Destroying Angel

Amanita virosa [complex]



GILLS, RING, STALK and VOLVA: Long Corner, 8/9/2009, R Solem.
 TOP: Cedar Lane Park, 9/15/2008, J Solem.
 SIDE: (dirt on cap, not warts): Scott's Cove, 9/30/2009, J Solem.

Destroying Angel

Amanita virosa [complex]
 Amanitaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	+	+
								-	+	+	-

ID: Cap white (discolored center?), shiny to sticky; convex (flatter in age). Stalk white/tan, membranous ring; large white volva.

Habitat: Solitary (usually), scattered, groups. On ground in hardwood or mixed forests under trees or in grassy areas.

Cap: 1.1– 5.1" [3 – 13 cm]

White or w/ discolored center. Dry to sticky. Smooth, shiny. No warts, Convex (flatter in age). Margin w/ veil remnants. Flesh white. Pronounced (disagreeable) odor in age (raw potatoes?)

Gills: White-cream. Free/finely attached. Close. Slender. Depth = 1-2X cap flesh. Secondary gills.

Spores: *White*.

Stalk: 2.4 – 8" [6 – 20 cm]

White/tan. Smooth/roughened. Slight taper upward. Ring superior, thin. Volva (1 – 1.5 " [2.5 – 3.8 cm]) white, large; buried but separates from stalk. Solid.

Frequency: Fairly common.

Locations: BIGBR, CEDLP, LONGC, MPENA, NOLAP, PIGTL, ROGOR, WINTR.

Notes:  **Do not taste!**

Synonym: Section *Phalloidae*.

References: Bar 241. BBF 67, 274. Lae 150. Lin 551, 123, 124, 672. M&M 29. Roo 62. Rus 67, #24. Kuo.

Club Foot
Fat-footed Clitocybe

Ampulloclitocybe clavipes



OVERALL: Rockburn Branch Park, 10/18/2010, R Orr.
CAP, STALK and BASE: Scott's Cove, 10/6/2008, J Solem.
GILLS and STALK: Annapolis Rock, 11/18/2010, J Solem.

Club Foot
Fat-footed Clitocybe

[Ampulloclitocybe clavipes](#)
Hygrophoraceae

J	F	M	A	M	J	J	A	S	O	N	D		
						-	-	-	-	+	+	+	-

ID: Cap gray-brown; convex (depressed in age). Base bulbous/club-shaped. Aromatic.

Habitat: Solitary, scattered, groups. On ground in coniferous and hardwood forests.

Cap: 0.8 – 3.5" [2 – 9 cm]

Gray-/olive-brown, paler toward margin (buff in age). Moist. Smooth/felty/irregular; may have matted fibers. Convex becoming flat w/ depressed center (w/ or w/o umbo). Margin elevated and wavy in age. Flesh whitish/watery-gray, limp in wet weather, brittle in dry. Spicy odor.

Gills: Whitish, pale yellowish/cream in age. Decurrent. Close/subdistant, often forked/crossveined. Depth 2 mm. Secondary gills.

Spores: *White*.

Stalk: 1.4 – 2.4" x 0.1 – 0.6" [1.5 – 6 cm x 4 – 20 mm]

Whitish w/longitudinal olive-gray fibrils. Tapered upward. Base bulbous/club-shaped, often w/ white mycelium.

Frequency: Occasional.

Locations: ANNRK, RKBPR, ROGOR.

Synonym: *Clitocybe clavipes*.

References: Bar 253. BBF 93, 277. Lae 40. Lin 745, 320. M&M 185. McK 139, 16. Pac 81. Phi 61. Roo 129. Rus 70, 26.

Honey Mushroom

Armillaria mellea



SIDE: MPENA, 10/3/2009, R Solem.
GILLS and RINGS: MPENA, 10/3/2009, R Orr.
"BOOT LACES" Rockburn Branch Park, 2/6/2011, R Solem.
SIDE: Schooley Mill Park, 10/5/2009, J Solem.

Honey Mushroom

Armillaria mellea
Physalacriaceae

J	F	M	A	M	J	J	A	S	O	N	D
+	++	+			---	---	+	---	---	+++	++

ID: Cap yellowish-brown, center darker. Stalk lighter, thick/membranous ring.

Habitat: Clusters. On/near hardwood trees and stumps (especially oaks).

Cap: 1.6" – 7.9" [4 – 20 cm]
Yellowish-brown, usually w/ darkish erect hairs in center (predominantly yellow w/ darker center in age). Sometimes dry but typically viscid. Convex/nearly flat. Low umbo. Flesh white.

Gills: White/pale buff. Attached/subdecurrent (w/ decurrent lines to ring). Depth 4 mm.

Spores: Pale cream.

Stalk: 2 – 7.9" x 0.2 – 1.4" [5 – 20 cm x 0.5 – 3.5 cm]
White (yellowish to brown or olive in age). Stains brownish. Often scaly below ring in age, partial veil thick and membranous, whitish on top, yellowish below, leaves disc-like ring.

Frequency: Fairly common.

Locations: BIGBR, DANPV, DFWMA, GONRA, HENPV, HIRIP, MPENA, RKBPR, SLMLP.

Synonym: *Armillariella mellea*.

Notes: The mycelium forms "boot laces" (black root-like structures) between the tree bark and heartwood.

References: Bar 246. BBF 69, 274. Bin 263. Bin 263. Lae 80. Lin 736, 182, 206. McK 136, 15. Pac 85. Phi 42. Roo 30. Rus 156, #74.

Ringless Honey Mushroom

Armillaria tabescens



Ringless Honey Mushroom

Armillaria tabescens
Physalacriaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	+	+	+	-	-

ID: Cap orangish-brown w/ fibers, broad umbo. Strong pleasant odor.

Habitat: Clusters. On/near hardwood trees and stumps (especially oaks).

Cap: 1.2 – 4” [3 – 10 cm]

Orangish-brown/brown w/ darker, cottony hairs/fibers. Dry. Convex/broadly convex w/ broad umbo (flat/slightly depressed in age). Veil remnants on margin. Flesh white/brownish. Strong pleasant odor.

Gills: White (pinkish-brown in age). Subdecurrent. Close. Attached.

Spores: Cream/white.

Stalk: 3 – 8” x 0.2 – 0.6” [7.5 – 20 cm x 5 – 15 mm]

Whitish near top, yellowish/brownish-gray below. Vertically scurfy/fibrous. Tapered toward base. Stuffed.

Frequency: Fairly common.

Locations: CEDLP, CENPK, MPENA, NOLAP, RKBPR, SLMLP.

References: BBF 70, 274. Bin 265. Lae 42. M&M 151. McK 137, 15. Phi 42.

HABITAT and OVERALL: Rockburn Branch Park, 8/1/2010, R Orr.

OVERALL (young): Rockburn Branch Park, 8/1/2010, R Orr.

CAPS (white spores on cap): North Laurel Park, 9/12/2010, J Solem.

STALKS and GILLS: Rockburn Branch Park, 8/12/2009, J Solem.

OVERALL (old): Rockburn Branch Park, 8/1/2010, R Orr.

Conifer-cone Baeospora

Baeospora myosura



CAP (on pine cone): Rockburn Branch Park, 11/23/2010, *J Solem*.
 GILLS and STALKS: Rockburn Branch Park, 11/1/2010, *J Solem*.
 CAPS: Rockburn Branch Park, 11/1/2010, *J Solem*.

Conifer-cone Baeospora

[*Baeospora myosura*](#)
 Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
								---	---	+++	

ID: Cap cinnamon; convex, flesh thin. Long white mycelium at base.

Habitat: Groups. On conifer cones (white pine; ours: loblolly pine).

Cap: 1/4 – 3/4 " [5 – 20 mm]
 Cinnamon/pale tan. Moist. Smooth. Convex. Flesh very thin.

Gills: White. Attached. Very crowded. Narrow.

Spores: White.

Stalk: 0.4 – 2" x 1/32 – 1/16" [1 – 5 cm x 1 – 2 mm]
 Whitish/brownish. Minutely hairy. Long white hairs (mycelium) at base. Hollow.

Frequency: Uncommon.

Locations: RKBPRP.

Synonym: [Original description] *Collybia conigena*.

References: Bar 260. BBF 71, 275. Lin 738, 9. M&M 136.

Lavender Baeospora

Baeospora myriadophylla



OVERALL: Pigtail, 8/20/2009, R Solem.
 CAP and STALK BASE w/ MYCELIUM: Pigtail, 9/15/2009, J Solem.
 GILLS and STALKS: Pigtail, 9/15/2009, J Solem.

Lavender Baeospora

[*Baeospora myriadophylla*](#)
 Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	+	-	-

ID: Cap and gills lavender; convex, flatter in age.
Habitat: Scattered, groups. On decaying hardwoods and conifers.
Cap: 0.4 – 1.5" [1 – 4 cm]
 Lavender/dingy lavender (ochre-brown w/ lavender margin in age), center darker. Moist, hygrophanous. Smooth. Convex/nearly flat, sometimes depressed in disc. Flesh white/grayish-brown w/ gelatinous layer.
Gills: Lavender/dingy lavender. Attached; nearly free in age. Close to crowded. Depth 2 mm. Secondary gills.
Spores: *White*.
Stalk: 0.8 – 2" x 1/16 – 1/8" [2 – 5 cm x 1 – 3 mm]
 Lavender/brownish-lavender. Dry. Smooth. White mycelium. Hollow.
Frequency: Uncommon.
Locations: PIGTL.
Synonym: *Collybia myriadophylla*.
References: BBF 72, 275. Lae 132. Lin 739, 105. M&M 136fn. Phi 89. Roo 153.

None

Callistosporium purpureomarginatum



SIDE: Henryton, 9/4/2009, *J Solem*.
 GILLS and STALK: Henryton, 9/4/2009, *J Solem*.
 CAP: Henryton, 9/4/2009, *R Solem*.
 MATURE GILLS and STALK: Henryton, 9/4/2009, *R Solem*.

None

Callistosporium purpureomarginatum
 Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	+	---		

ID: Cap purplish-red. Gills pinkish-/purplish-red. Metallic aftertaste.

Habitat: Solitary, scattered, groups. Well-decayed oak logs.

Cap: 0.6 – 1.5" [1.5 – 4 cm]
 Purplish-red/brownish-violet when moist, dries to pinkish-tan. Bluish/brownish-purple band (1/8", 2-3mm) at margin. Smooth. Convex (nearly flat in age). Flesh yellowish, thin. Metallic aftertaste.

Gills: Pinkish-yellow w/ purple overtones, edges reddish-purple. Attached. Close. Secondary gills.

Spores: White.

Stalk: 0.8 – 1.5" x 1/16 – 1/8" [2 – 4 cm x 1.5 – 4 mm]
 Reddish-purple w/ yellow toward base and apex (brownish in age). Equal. Flesh yellow. Hollow.

Frequency: Uncommon.

Locations: HENPV.

References: BBF 73, 275. M&M 159fn. Roo 154.

Golden Chanterelle

Cantharellus cibarius



OVERALL: Henryton, 7/128/2010, R Orr.

Golden Chanterelle

[Cantharellus cibarius](#)
Cantharellaceae

J	F	M	A	M	J	J	A	S	O	N	D		
					+	+	+	-	-	+	+	+	-

ID: Cap yellow-orange; flat (somewhat depressed in age). Blunt gill-like ridges.

Habitat: Solitary, scattered, groups. On ground in forests.

Cap: 0.6 – 5.5" [1.6 – 14 cm]

Yellow-orange to yellow. Dry. Nearly smooth. Convex to nearly flat, sometimes w/ depressed center. Margin thin, inrolled when young, uplifted and wavy in age (sometimes crimped or lobed). Flesh white. Apricot odor; sometimes w/ peppery taste.

Fertile Surface: Pale yellow/yellow/orange; stains ochraceous. Decurrent w/ forked blunt gill-like ridges, crossveins.

Spores: Pinkish-cream/pale buff.

Stalk: 0.6 – 2.8" [1.6 – 7 cm]

Pale yellow/yellow-orange. Stains ochraceous. Smooth. Thick at top.

Frequency: Fairly common.

Locations: BIGBR, HENPV, HIRIP, LONGC, PIGTL, WINTR.

References: Bar 250. BBF 32, 36. Bin 97. Lin 387, 308, 427. M&M 335. McK 81, 7. Pac 154. Phi 248. Roo 126. Rus 100, #49. Kuo. Rog.

Cinnabar Chanterelle
Cinnabar-red Chanterelle

Cantharellus cinnabarinus



TOP: MPENA, 8/19/2009, R Solem.
SIDE: Savage Park, 6/25/2009, J Solem.
OVERALL: MPENA, 9/18/2009, J Solem.

Cinnabar Chanterelle
Cinnabar-red Chanterelle

[Cantharellus cinnabarinus](#)
Cantharellaceae

J	F	M	A	M	J	J	A	S	O	N	D		
					+	+	+	+	+	+	-	-	-

ID: Cap salmon-red, fades; convex/funnel-shaped in age. Blunt gill-like ridges. Peppery taste.

Habitat: Scattered, groups. On ground/in moss in hardwood forests (especially oak).

Cap: 0.4 – 1.8" [1 – 4.5 cm]

Reddish-orange/salmon-red fading to paler pinkish-orange (colors fade in sunlight). Smooth (or nearly). Convex, broadly convex and depressed (funnel-shaped in age). Margin inrolled/uplifted) wavy in age. Flesh pale pink/white (becoming reddish-orange near cap surface). Taste slowly becomes peppery.

Fertile surface: Pale reddish-orange to orange-salmon. Decurrent w/ distant forking, blunt, gill-like ridges w/ crossveins.

Spores: Pinkish-cream.

Stalk: 0.8 – 2" x 0.1— 0.4" [2 – 5 cm x 3 – 10 mm]

Reddish-orange; pale pinkish-orange in age. Cylindrical/ tapering downward, often curved.

Frequency: Common.

Locations: BIGBR, CASCT, HIRIP, LONGC, MPENA, PIGTL, RKBRP, SAVPK, SVMLT, TUFTS.

References: Bar 250. BBF 32, 37. Lae 30. Lin 388, 421. M&M 333. McK 82, 7. Phi 253. Roo 113. Rus 102, 50.

Smooth Chanterelle

Cantharellus lateritius



SIDE: Schooley Mill Park, 7/1/2009, R. Solem
FERTILE SURFACE and STALK: MPENA , 8/19/2009, J Solem.

Smooth Chanterelle

Cantharellus lateritius
Cantharellaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	-	-

ID: Cap yellow-orange, flat (depressed; fades in age). Smooth or only shallow ridges.

Habitat: Scattered, groups, clusters. On ground in hardwood (especially oak) or mixed forests.

Cap: 0.6 – 4.8" [1.6 – 12 cm]

Yellow-orange to yellow (fades in age). Dry. Nearly smooth. Convex to nearly flat, often w/ low, broad umbo or depressed. Margin often lighter in color (but blackens w/ age), thin, inrolled when young, uplifted and wavy in age (often crimped or lobed). Flesh light yellow.

Fertile Surface: Pale yellow/yellow/orange. Decurrent w/ smooth to merely shallowly wrinkled outer/under surface; crossveins.

Spores: Pinkish-yellow/pale yellowish-orange.

Stalk: 0.6 – 3.1" [1.6 – 8 cm]

Pale yellow/yellow-orange. Smooth. Thick at top, tapering downward.

Frequency: Fairly common.

Locations: DFWMA, HAMVL, HIRIP, MPENA, PIGTL, RKBRP, SLMLP, SUKBR, SVMLT.

Notes: Kuo: The under/outer surface of *Cantharellus cibarius* has well developed false gills.

Synonym: *Craterellus cantharellus*.

References: BBF 34, 37. Bin 99. Lae 276. Lin 390, 428. M&M 331. McK 83, 7. Phi 251. Roo 127. Kuo. Rog.

Small Chanterelle

Cantharellus minor



TOP: Big Branch, 8/21/2009, R Solem.
OVERALL: Big Branch, 8/21/2009, R Solem.
SIDE: Duvall Road, 6/12/2009, R Solem.
FERTILE SURFACE: Duvall Road, 6/12/2009, R Solem.
SIDE: Duvall Road, 6/12/2009, R Solem.

Small Chanterelle

Cantharellus minor
Cantharellaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+++	+++	+++	+++			

ID: Cap yellow-orange, smooth; nearly flat, slightly depressed center. Blunt gill-like ridges.

Habitat: Scattered, groups. On ground/moss in hardwood forests.

Cap: 0.2 – 1.1" [6 – 30 mm]

Yellow-orange to yellow (fades in age). Dry. Nearly smooth. Convex to nearly flat, slightly depressed center. Flesh orange, soft.

Fertile Surface: Orange/yellow-orange. Decurrent w/ forked blunt gill-like ridges, crossveins.

Spores: Pinkish-yellow/pale yellowish-orange.

Stalk: 0.6 – 2.4" [1.6 – 6 cm]

Pale yellow/yellow-orange. Smooth. Thick at top, tapering downward.

Frequency: Common.

Locations: BIGBR, CASCT, HAMVL, HENPV, HIRIP, LONGC, NOLAP, PIGTL, SUKBR, TUFTS.

Notes: May be confused w/ miniature forms of *Cantharellus cibarius*.

References: Bar 251. BBF 31. Lin 391, 57. M&M 334. McK 84, 7. Phi 248. Roo 114. Rus 103, #51. Kuo.

None

Catathelasma ventricosum



TOP: Savage Park, 10/3/2008, W Earp.
 GILLS and RING: Big Branch, 9/28/2009, R Solem.

None

[*Catathelasma ventricosum*](#)
 Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D			
							+	-	-	-	+	+	+	+

ID: Cap whitish/gray-brown; squat. Stalk mostly buried; double ring. Taste unpleasant.

Habitat: Solitary, scattered, groups. On ground in duff in coniferous or mixed forests.

Cap: 3 – 6" [7.5 – 15 cm]
 Whitish to gray/brown. Dry. Smooth, becoming patchy/scaly w/ concentric fibril rings. Margin lighter; inrolled, usually has bits of partial veil. Flesh white, thick. Taste unpleasant.

Gills: White/buff, decurrent. Close to subdistant. Secondary gills.

Spores: *White*.

Stalk: 2 – 4" [5 – 10 cm]
 White above double ring, brownish-yellow below. Tapered downward and usually mostly buried. Ring and veil remnants usually prominent. Flesh white. Solid.

Frequency: Occasional.

Locations: BIGBR, NOLAP, PIGTL, SAVPK.

Synonym: *Catathelasma ventricosa*.

References: BBF 75, 275. Bar 246. Lin 742, 212. M&M 104. Pac 52fn.

White Oysterette

Cheimonophyllum candidissimum



GILLS and ATTACHMENT; Henryton Rd, 9/1/2008, *J Solem*.
 TOP: Big Branch, 8/3/2008, *J Solem*.

White Oysterette

[*Cheimonophyllum candidissimum*](#)
 Cyphellaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	+	---	---

ID: Cap kidney-shaped w/ white hairs. Off-center or stalkless.

Habitat: Solitary, groups. On dead hardwoods.

Cap: 0.4 – 0.8" [1 – 2 cm]

White hairs on yellowish background. Hemispheric/ kidney-shaped. Margin inrolled, slightly grooved in age. Flesh thin, soft, whitish/yellowish.

Gills: White/yellowish-tan. Decurrent. Subdistant/fairly close. Rather broad.

Spores: *White*.

Stalk: Off-center or none.

Frequency: Uncommon.

Locations: BIGBR, HENPV.

Synonym: *Pleurotus candidissimus*.

References: Bar 297. BBF 75, 276. Lin 743, 496. M&M 138. Phi 67.

Green-spored Mushroom

Chlorophyllum molybdites



OVERALL: Rockburn Branch, 9/14/2008, *J Solem*.
EMERGING: Beaverbrook, 8/28/2009, *R. Orr*
CAP and STALK: (w/ 6" ruler): Beaverbrook, 8/30/2009, *R. Orr*.
GILLS (mature): Beaverbrook, 8/30/2009, *R. Orr*.
CLOSEUP of GILLS:(mature): Beaverbrook, 8/30/2009, *R. Orr*.

Green-spored Mushroom

[*Chlorophyllum molybdites*](#)
Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
							--+	+-	--		

ID: Cap white w/ pinkish patches, slowly stains brown/reddish. Stalk w/ fringed white ring.

Habitat: Solitary, scattered, groups, fairy rings. In lawns, meadows, gardens.

Cap: 2.8 – 12" [7 – 30 cm]
White; when young covered w/ large pinkish- brown/cinnamon patches (scale-like in age). Slowly stains brown/reddish. Margin w/ partial veil remnants. Flesh white, thick in center.

Gills: White (greenish/grayish-green in age); stains yellow/brownish. Free. Close.

Spores: *Green/yellowish-green/greenish-gray.*

Stalk: 4 – 10" x 0.4 – 1" [10 – 5 cm x 1 – 2.5 cm]
White/tan, stains brown. Cylindrical/tapered upward. Superior fringed white ring (brownish on underside in age). Flesh staining red/orange-brown. Hollow.

Frequency: Occasional.

Locations: FARMS, ORRBB, RKBPR.

Notes:  **Do not taste!**

References: M&M 52. BBF 76, 276. Lae 166fn. Lin 509, 169, 170. M&M 52. McK 240, 29. Phi 37. Roo 64.

None

Chrysomphalina strobodes



OVERALL: Pigtail, 7/15/2010, *R Solem*.
 GILLS and STALK: Pigtail, 7/15/2010, *J Solem*.
 SIDE: High Ridge Park, 8/26/2009, *J Solem*.
 TOP: High Ridge Park, 8/26/2009, *R Solem*.

None

[*Chrysomphalina strobodes*](#)
 Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
				- - - -	- + -	+++	+++	- - - -	- + -	- - -	

ID: Grayish-brown (soon yellow); convex (funnel-shaped in age). Variable.

Habitat: Solitary, scattered, groups. On dead/decaying wood of hardwoods and conifers.

Cap: 1 – 4” [2.5 – 10 cm]
 Grayish-brown appressed fibers cover base layer when young (stretched out and streaked so appears yellow in age). Convex (depressed/shallowly funnel-shaped in age). Margin wavy in age. Flesh whitish/yellowish, thin.

Gills: Yellowish-white/pale yellow. Decurrent. Distant. Secondary gills.

Spores: White.

Stalk: Up to 2.4” x 0.4” [6 cm x 8 mm]
 Whitish/yellowish/pale grayish. Dry. Minutely hairy. More or less equal.

Frequency: Fairly common.

Locations: BIGBR, LONGC, MPENA, PIGTL, RKBRP, SLMLP, WESRP.

Notes: Microscopic examination of spores by R. Orr is basis for identification.

Synonyms: *Gerronema strobodes*. *Omphalia strobodes*. *Clitocybe strobodes*.

References: BBF 79key. Phi 92. Rog. Kuo.

None

Clitocybe eccentrica [or near]



SIDE: High Ridge Park, 6/23/2009, R Solem.
 TOP: High Ridge Park, 6/21/2009, J Solem.

None

[*Clitocybe eccentrica*](#) [or near]
 Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	-	-

ID: Caps variable w/ age (whitish/yellowish/brownish); convex (funnel-shaped in age). Stalk w/ white rhizomorphs at base.

Habitat: Groups, clusters. On wood (primarily hardwood) or woody debris.

Cap: 0.4 – 2.4" [1 – 6 cm]
 Whitish/pale brownish/orangish-yellow; changes color markedly in age. Dry. Smooth. Convex (flat/shallowly funnel-shaped in age). Margin frequently inrolled and split in age. Flesh pale yellow. Strong odor.

Gills: White/buff. Decurrent. Fairly crowded.

Spores: White/creamy.

Stalk: 1.2 – 2" x 0.3" [3 – 5 cm x 7 mm]
 Light yellow. Dry. Smooth or finely hairy above; densely hairy at base. More or less equal. White rhizomorphs at base. Yellow flesh. Stuffed.

Frequency: Occasional.

Locations: HIRIP, LONGC, MPENA, NOLAP, SAVPK.

Notes: *C. eccentrica* may not be exact identification; see Kuo for details.

References: Kuo.

None

Clitocybe flavidella [or near]



OVERALL: Annapolis Rock, 11/19/2010, *J Solem*.
 GILLS, STALK and BASE: Annapolis Rock, 11/19/2010, *J Solem*.

None

Clitocybe flavidella [or near]
 Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
								-	-	-	-
										+	-

ID: In pine needles. Golden-brown/buff cap; margin inrolled; gills buff; stalk color of cap. White mycelium.

Habitat: Groups/small clusters in pine needles.

Cap: 3/8 – 1.4" [1 – 3.5 cm]
 Yellow/golden-brown (buff in age). Convex (flat/depressed in age). Moist when young. Margin inrolled (finely lined in age).

Gills: Buff. Broadly attached. Close/nearly distant.

Spores: *White*.

Stalk: 3/4 – 1.6" x 3/16" [2 – 4 cm x 4 mm]
 Golden-brown/buff, brownish toward base. Smooth/shiny above. Hollow. White mycelium.

Frequency: Uncommon.

Locations: ANNRK.

Notes: There are other golden-brown species under conifers (see Kuo). BBF (82key) describes *Clitocybe coniferophila*, which may be similar.

References: Kuo.

None

Clitocybe robusta



TOP: Big Branch, 10/16/2008, *J Solem*.

SIDE, GILLS and STALKS: Big Branch, 10/16/2008, *J Solem*.

None

[*Clitocybe robusta*](#)
Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	-	-
									+		

ID: Cap white/pale buff; smooth; convex (may be depressed in age); margin wavy in age. Base bulbous/club-like.

Habitat: Scattered, groups, clusters. On ground in coniferous and hardwood forests.

Cap: 2 – 7" [5 – 18 cm]

White, pale buff/pale tan in age. Smooth, satiny, dry (viscid when wet). Convex becoming nearly flat, sometimes w/ shallow depressed center. Margin inrolled (expanded/wavy/lobed in age). Flesh white, thick.

Gills: White, pale buff/pinkish-buff in age. Attached/ subdecurrent. Close/crowded; sometimes forked/crossveined.

Spores: Pale yellow/cream/light tan.

Stalk: 1.6 – 4" x 0.4 – 1.4" [4 – 10 cm x 1 – 3.5 cm]

Whitish. Covered w/ matted fibrils. Sometimes grooved. Cylindrical w/ bulbous/club-like base. Flesh white. Solid, hollow in age.

Frequency: Uncommon.

Locations: BIGBR.

References: BBF 85, 277. M&M 187fn. Phi 58.

Clustered Clitocybe

Clitocybe subconnexa



TOP: Rockburn Branch Park, 9/22/2009, R Solem.
SIDE: Rockburn Branch Park, 9/22/2009, J Solem.
GILLS and STALKS: Rockburn Branch Park, 9/22/2009, R Solem.

Clustered Clitocybe

Clitocybe subconnexa
Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
								+			

ID: Cap white, smooth; convex (flat/depressed in age). Stalk base cottony.

Habitat: Clusters. On ground in hardwood forests.

Cap: 1 – 2.5" [2.5 – 6.5 cm]
White/buff/pale pinkish-brown. Dry. Smooth, satiny. Flattened/depressed in center in age. Inrolled margin. Flesh white, stains pinky-brown.

Gills: Whitish (pale pinkish-buff in age). Attached/subdecurrent. Crowded; occasionally forked. Depth 1 – 2 mm. Secondary gills.

Spores: Pinkish-buff (after 5 day wait).

Stalk: 1 – 2.5" x 0.5 – 1" [2.5 – 6.5 cm x 12 – 25 mm]
Whitish (or like cap). Smooth to silky-fibrillose; sometimes scurfy at apex, cottony at base. Equal/tapered upward.

Frequency: Uncommon.

Locations: RKBRP.

Synonym: *C. caespitosus*.

References: McK 144, #16. Roo 246.

Tuberous Collybia

Collybia tuberosa



SIDE (showing rhizomorphs): Western Regional Park, 8/21/2010, J Solem.

SIDE (showing sclerotia): Western Regional Park, 8/21/2010, J Solem.

Tuberous Collybia

Collybia tuberosa
Bolbitiaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	---

ID: Pinkish cap. White “root” w/ reddish-brown sclerotia.

Habitat: Groups. On blackened remains of mushrooms (*Russula* and *Lactarius*) or on humus/decaying wood.

Cap: 1/8 – 5/8” [2 – 15 mm]

Pinkish-buff on disc, whitish toward margin (whitish overall in age). Convex (flat in age, often w/small depression or small broad umbo). Margin may be striate. Flesh whitish.

Gills: Whitish/pinkish buff. Attached. Close/subdistant.

Spores: White.

Stalk: 0.4 – 2” x 1/16” [1 – 5 cm x 1.5 mm]

Whitish/pinkish-buff (stains darker). Dry, scurfy/pruinose at apex. Nearly equal. Hollow in age.

Notes: May have white rhizomorphs; always has base attached to dark reddish-brown, shiny, oval sclerotium (1/8 – 1/2” x 1/8 – 1/4” [3 – 13 mm x 2 – 6 mm]).

Frequency: Uncommon.

Locations: WESRP.

References: Bar 259. BBF 97, 279. Lin 757, 11. M&M 176. McK 151, 17. Phi 73.

Dunce Cap
White Dunce Cap

Conocybe apala

Conocybe apala
Bolbitiaceae



OVERALL: Rockburn Branch Park, 6/28/2010, R Orr.
CAP and STALK: Patuxent Quarter Rd, 6/1/2010, H Metzman.
GILLS: Patuxent Quarter Rd, 6/1/2010, H Metzman.
CAP: Patuxent Quarter Rd, 6/1/2010, H Metzman.

Dunce Cap
White Dunce Cap

J	F	M	A	M	J	J	A	S	O	N	D
				-	+	+	-	-	+	+	+

ID: Cap white, center yellow; conical (flat in age). Stalk w/ basal bulb.

Habitat: Scattered, groups. In mulch or grassy areas.

Cap: 0.4 – 1.1" [1 – 3 cm]
Whitish/creamy-white, ochraceous tinge on disc; center yellow. Dry. Smooth. Conical/bluntly conic (bell-shaped to almost flat and wrinkled in age). Grooved margin. Flesh whitish, thin.

Gills: Whitish (tawny/reddish-cinnamon in age). Free. Close. Very narrow.

Spores: Reddish-cinnamon.

Stalk: 1.5 – 4" x 1/16 – 1/8" [4 – 10 cm x 1 – 3 mm]
White. Powdery/nearly smooth/translucent. Cylindrical. No ring. Usually w/ basal bulb. Hollow.

Frequency: Fairly common.

Locations: BIGBR, HAMVL, MBRKP, MPENA, RKBRP, WESRP.

Notes: Disappears by midday according to Læssøe.

Synonym: *C. lactea*.

References: Bar 213. BBF 98, 280. Lin 560, 5. M&M 268. McK 308, 38. Pac 200fn. Phi 214. Roo 191.

Brown Dunce Cap

Conocybe tenera



CAP, STALK S and GILLS: Gorman Stream Valley NRA, 5/9/2009, S. Muller.

Brown Dunce Cap

[Conocybe tenera](#)
Bolbitiaceae



J	F	M	A	M	J	J	A	S	O	N	D	
				+	-	-	-	-	-	-	-	+

ID: Cap rusty-brown; conic/bell-shaped, striate.

Habitat: Scattered, groups. On ground in forests, gardens, lawns, fields.

Cap: 0.4 – 0.8" [1 – 2 cm]

Red-/rusty-brown/fulvous (pale tawny/ocracheous in age). Conic/bell-shaped. Striate from margin to disc. Flesh pale whitish-brown.

Gills: Whitish; pale-/cinnamon-brown in age. Nearly free. Close/subdistant. Narrow.

Spores: *Rusty-brown.*

Stalk: 1.1 – 3.1" x 1/16 – 1/8" [3 – 8 cm x 1 – 3 mm]

Whitish; brown/dark brown in age. Pruinose/nearly smooth. Equal/slightly enlarged base.

Frequency: Occasional.

Locations: ANNRK, FARMS, GONRA, HAMVL.

References: Bar 211. BBF 98, 280. Lin 561, 75. M&M 269. McK 309, 38. Pac 200. Phi 214.

Mica Cap

Coprinellus micaceus



OVERALL: MPENA, 12/4/2009, *R Orr*.
 DELIQUESCING CAPS: Schooley Mill Park, 10/21/2009, *J Solem*.
 DELIQUESCING GILLS: Rockburn Branch Park, 5/20/2010, *R Solem*

Mica Cap

[*Coprinellus micaceus*](#)
Psathyrellaceae



J	F	M	A	M	J	J	A	S	O	N	D
			+	-	+	+	-	-	-	-	-
										+	+
										+	+

ID: Cap tawny w/ mica-like scales. Deliquesces.

Habitat: Dense clusters. In grass or on decaying hardwood.

Cap: 0.8 – 2" [2 – 5 cm]

Tawny/orange-brown disc, yellowish-tan toward margin, grayish/dark grayish-brown in age. Granular scales in button stage, then smooth but grooved. Curved/egg-shaped (bell-shaped/convex in age). Margin inrolled, then curls upward; irregular in age. Flesh whitish, very thin.

Gills: Grayish-buff, then gray (black as they deliquesce). Attached, but then separate from cap. Crowded.

Spores: *Black*.

Stalk: 1 – 3.1" x 1/8 – 1/4 " [2.5 – 8 cm x 2 – 5 mm]

White/transparent. Smooth. Dry. Cylindrical/enlarged base. Hollow in age.

Frequency: Fairly common.

Locations: CASCT, DANPV, HIRIP, MPENA, RKBRP, SLMLP, WINTR.

Synonym: *Coprinus micaceus*.

References: Bar 197. BBF 104, 281. Lae 176. Lin 600, 42. M&M 230. McK 276, 34. Pac 226. Phi 236. Rus 29, 4.

Alcohol InkyCap
Tippler's Bane

Coprinopsis atramentaria



OVERALL (w/ deliquescing caps): High Ridge Park,
10/17/2010, J Solem.

CAP: High Ridge Park, 10/17/2010, J Solem.

GILLS and STALKS: High Ridge Park, 10/17/2010, J Solem.

Alcohol Inky Cap
Tippler's Bane

[Coprinopsis atramentaria](#)
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D	
				-	-	-	-	-	-	+	-	-

ID: Cap gray/gray-brown; egg-shaped (convex in age as it deliquesces).

Habitat: Clusters. On grass or woodchips at tree bases.

Cap: 1.5 – 3" [4 – 7.5 cm]

Gray/gray-brown (white when very young). Smooth slightly scurfy (sometimes w/ tiny scales); striated. Dry. Oval/egg-shaped (convex in age). Flesh grayish-white (becoming black as it deliquesces).

Gills: White, soon gray (black as they deliquesce). Free. Crowded.

Spores: Black.

Stalk: 1.5 – 6" x 0.4 – 0.8" [4 – 15.5 cm x 1 – 2 cm]

White. Silky. Tapered downward or equal. Annular ring at base. Hollow in age.

Frequency: Uncommon.

Locations: HIRIP.

Notes: 

Very bad digestive reaction w/ alcohol.

Synonym: *Coprinus atramentarius*.

References: Bar 196. BBF 102, 280. Lae 175. Lin 596, 19. M&M 229. McK 276, 34. Pac 223. Phi 235. Rus 190, 90.

None

Coprinopsis lagopus



OVERALL: Manahan Drive, 7/19/2010, *B Ott*.
 SIDES: Roxbury Mill Road, 5/4/2010, *K Lillie*.
 OVERALL: Roxbury Mill Road, 5/18/2010, *K Lillie*.
 GILLS: Roxbury Mill Road, 5/18/2010, *K Lillie*.

None

Coprinopsis lagopus
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D
				++	-	-	-	-	-	-	-

ID: Cylinder covered w/ white/grayish fibrils when young; gray, bell-shaped and striated in age. Stalk floccose (& large) when young; smooth in age.

Habitat: Solitary, scattered, groups. Wood chips, sawdust, hay bales.

Cap: 0.4 – 2" [1 – 5 cm]
 Surface covered w/ coat of erect/recurved white/grayish-white cottony fibers/scales (which disappear in age); often deeply grooved. Grayish/black in age; brown disc. Oval/elliptic (convex/bell-shaped in age). Margin inrolled, then curls upward; irregular in age. Flesh grayish to black.

Gills: White, then gray (black as they deliquesce). Attached, but then separate from cap. Close.

Spores: Black.

Stalk: 1.5 – 4" x 1/16 – 3/16 " [4 – 10 cm x 1.5 – 4 mm]
 White. Floccose (smooth in age). Dry. Hollow in age.

Frequency: Occasional.

Locations: BONOT, LILLI, MPENA.

Synonyms: *Coprinus lagopus*. *Coprinus lagopides*.

References: Bar 198. BBF 103, 280. Lin 599, 705. M&M 232. Phi 234.

Onion Stalk

Coprinus cepaestipes



YOUNG CAP: Mt. Albert Road, 7/30/2010, J Solem.

CAP: Mt. Albert Road, 7/30/2010, J Solem.

SIDE SHOWING RING: Mt. Albert Road, 7/30/2010, J Solem.

UNEXPANDED CAP (cut): Mt. Albert Road, 7/30/2010, J Solem.

SIDE: Mt. Albert Road, 7/30/2010, J Solem..

Onion Stalk

Coprinus cepaestipes
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	+++	---	+-			

ID: Cap white/pale yellow (grayish-brown in age) w/ powdery/granular scales, prominent umbo, striations to margin; bell-shaped (convex/ conic in age). Stalk w/ mealy fragments, persistent ring. White flesh stains yellow.

Habitat: Clusters. In rich soil or mulch piles.

Cap: 0.8 – 3.1” [2 – 8 cm]

White/pale yellow (grayish-brown in age) under powdery/fibrillose-granular scales. Prominent umbo. Long and bell-shaped (convex/conic in age). Margin striate to edge. Flesh white, stains yellow; thin.

Gills: White (dingy in age). Free. Crowded. Narrow.

Spores: White.

Stalk: 1.6 – 4.7” x 1/8 – 1/4” [4 – 12 cm x 3 – 6 mm]

White. Bruises yellow. Sparse, mealy/filamentous fragments. Narrowly bulbous, tapering to very narrow tip. Persistent ring. Hollow.

Frequency: Occasional.

Locations: HAMVL, MCLUR, SLMLP.

Synonym: *Leucocoprinus cepaestipes*.

References: Lin 515, 179. McK 245, 29. M&M 55. Roo 66. Kuo. Rog.

Shaggy Mane

Coprinus comatus



OVERALL: Mt Pleasant, 6/8/2009, *B Ott*.
 SIDE and RING: River Hill, 10/30/2009, *J Solem*.
 DELIQUESCING CAPS: River Hill, 10/30/2009, *R Solem*.

Shaggy Mane

Coprinus comatus
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
				--+	---	---	---	---	---	+++	+++

ID: Cap whitish w/ brown scales; cylindrical (flat in age as it deliquesces).

Habitat: Scattered, groups, clusters. On disturbed ground, in grass, woodchips.

Cap: 1.1 – 2” [3 – 5 cm], 2 – 3.1” [3 – 5 cm] in age
 White w/ brownish disc. Covered w/ coarse white/ reddish-brown scales, darkest at tip. Dry. Curved/ cylindrical (broadly conic to nearly flat in age). Margin inrolled, then curls upward. Flesh white (becoming black as it deliquesces). Odor not distinctive.

Gills: White/pinkish (black as they deliquesce). Attached, then free. Crowded.

Spores: *Black*.

Stalk: 3 – 12” x 0.4 – 1” [7.5 – 30 cm x 1 – 2.5 cm]
 White. Nearly smooth. Tapered upward. Partial veil may leave thin, loose ring when young. Bulbous base may root. Hollow.

Frequency: Fairly common.

Locations: ALRLF, DFWMA, HIRIP, ORRBB, RIVHL, RKBRP, WINTR.

References: Bar 195. BBF 103, 280. Lae 174. Lin 597, 704. M&M 228. McK 276, 34. Pac 224. Phi 234. Roo 268. Rus 153, 71.

Crumble Cap

Coprinus disseminatus



OVERALL: Big Branch, 5/29/2010, *W Earp*.
 OVERALL: Wincopin, 6/15/2009, *R Solem*.
 GROUP: Henryton, 9/4/2009, *R Solem*.

Crumble Cap

[*Coprinus disseminatus*](#)
 Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
				-+	-+	-+	-	-	+	+	+

ID: Caps small, yellowish/brownish-gray; conical, pleated. Gills become black but do not deliquesce.

Habitat: Dense groups. In moss; on hardwood debris, bark, or buried wood.

Cap: 0.2 – 0.6" [0.5 – 1.5 cm]
 Pale yellowish, brownish-gray w/ yellow-brown on disc in age. Minutely scurfy. Hemispheric/bell-shaped/conical, deeply pleated.

Gills: White, ashy/black in age. Attached. Nearly distant. Broad.

Spores: Blackish.

Stalk: 0.8 – 1.2" x 1/64 – 1/32" [2 – 3 cm x 0.5 – 1 mm]
 White/light tan/gray. Smooth/minutely hairy. Hollow. Fragile.

Frequency: Occasional.

Locations: BIGBR, GONRA, HENPV, MPENA, WINTR.

Notes: Does not deliquesce.

References: Bar 198. Roo 155. Lin 598, 4. Lae 143. M&M 227. Pac 225. Phi 234.

Scaly Inky Cap

Coprinus variegatus



CAPS: Daniels, 6/19/2009, *J Solem*.

GILLS and DELIQUESCING CAPS: Schooley Mill Park, 5/18/2009, *J Solem*.

CUT CAP: Daniels, 6/19/2009, *J Solem*.

DELIQUESCING GROUP: Savage Park, 7/19/2008, *J Solem*.

Scaly Inky Cap

[*Coprinus variegatus*](#)
Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
				+	+	+	+	-	+	-	-

ID: Cap grayish w/ dingy scales; egg-shaped when young. Deliquesces. Odor unpleasant (garlicky).

Habitat: Dense clusters. On decaying hardwood (often on buried wood in lawns).

Cap: 1.5 – 3” [4 – 7.5 cm]
Grayish-brown/gray w/ white/dingy yellow scales that wash off. Curved/ovoid, bell-shaped in age. Flesh pale tan. Garlic odor (strong and unpleasant).

Gills: White; quickly gray, purplish-brown/black in age and deliquescing. Free. Very crowded.

Spores: *Black*.

Stalk: 2 – 4.8”x 0.2 – 0.4” [5 – 12 cm x 5 – 10 mm]
Whitish. Scurfy/smooth near top; fibrillose from base to obscure ring area. Tapers to top. Whitish flesh. Hollow in age.

Frequency: Occasional.

Locations: CASCT, DANPV, MPENA, SLMLP, WINTR.

Synonym: *Coprinus quadrifidus*.

References: Bar 195. BBF 105, 281. Lin 601, 703. McK 280, #34. Phi 236. Roo 206. Rus 24, 1.

Silvery-violet Cort

Cortinarius alboviolaceus



CAP: Big Branch, 9/28/2009, *R Solem*.
 CAPS, STALK, GILLS and PARTIAL VEIL: Pigtail, 10/6/2009, *R Solem*.
 OVERALL: Hammod Village, 9/3/1979, *J Solem*.
 GILLS: North Laurel Park, 10/12/2008, *J. Solem*.

Silvery-violet Cort

[*Cortinarius alboviolaceus*](#)
Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D
							--+	++	++++	+	

ID: Cap violet/lilac w/ silvery fibrils; bell-shaped (flat in age).

Habitat: Solitary, groups. On ground in duff in coniferous and hardwood forests.

Cap: 1.2 – 3.8" [3 – 9.8 cm]
 Pale violet/lilac-buff, covered w/ silvery fibrils. Dry. Shiny, silky. Bell-shaped (convex/nearly flat in age w/ low, broad umbo). Margin inrolled. Flesh pale violet.

Gills: Pale violet/grayish, lilac; cinnamon-brown in age. Attached. Close. Broad.

Spores: Rusty-brown/*brown*.

Stalk: 1.6 – 3.1" x 0.2 – 0.4" [4 – 8 cm x 2 – 20 mm]
 White to somewhat colored like cap. Dry. Sheathed from base to annular zone w/ white silky veil. Tapered upward. White partial veil leaves thin annular zone. Flesh turns lavender.

Frequency: Fairly common.

Locations: BIGBR, GUIPK, HAMVL, NOLAP, PIGTL, RKBRP.

Synonym: Subgenus *Sericeocybe*.

References: Bar 226. BBF 105, 281. Bin 101. Lae 73. Lin 611, 342. M&M 315. Pac 179. Phi 177.

None

Cortinarius camphoratus



TOP: North Laurel Park, 10/12/2008, *J Solem*.
 GILLS and STALK: North Laurel Park, 9/1/2010, *J Solem*.
 GILLS: North Laurel Park, 10/12/2008, *J Solem*.

None

[*Cortinarius camphoratus*](#)
 Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D
								+	-	-	-

ID: Cap w/ silvery bloom at first w/ buff fibrils. Gills lilac.

Habitat: Solitary, scattered, groups. On ground in hardwood, coniferous, or mixed forests.

Cap: 1.5 – 4" [4 – 10 cm]

Silvery whitish bloom at first, coated w/ tiny fibrils (buff w/ lilac tints/golden in age). Dry. Convex (broadly convex/nearly flat in age), w/ or w/o low broad umbo. Margin inrolled (expanded in age). Flesh (>= gill layer) pale lilac/purplish.

Gills: Lilac; dull brown in age. Attached. Subdistant. Broad.

Spores: Rusty-brown; *brown*.

Stalk: 2 – 4 x 0.4 – 0.8" [5 – 10 cm x 1 – 2 cm]

Light colored/purple. Covered w/ white silky-matted fibrils from base to annular zone. Tapered upward. Club-shaped base. Flesh white.

Frequency: Occasional.

Locations: NOLAP, PIGTL, RKBPR.

References: BBF 106, 281. Phi 125.

Corrugated Cort

Cortinarius corrugatus



OVERALL: Rocky Gorge Reservoir, 9/28/2009, R Solem.

GILLS: Pigtail, 9/28/2009, J Solem.

SIDE: Pigtail, 9/28/2009, J Solem.

Corrugated Cort

[*Cortinarius corrugatus*](#)

Cortinariaceae

J	F	M	A	M	J	J	A	S	O	N	D
							--	---	---		

ID: Cap reddish-orange; hemispheric, flatter in age. Stalk base to ring zone w/ cottony veil.

Habitat: Solitary, groups. On ground in duff in forests.

Cap: 2 – 5.8" [5 – 15 cm]

Reddish-orange, fades to yellowish at margin. Smooth, shiny, viscid when fresh (often finely wrinkled to deeply lined in age). Hemispheric (broadly convex/nearly flat in age). Margin inrolled when young (expanded in age), often w/ veil remnants.

Gills: Buff/orangish. Attached. Crowded. Narrow.

Spores: Rusty-brown, brown.

Stalk: 2.4 – 5.8" x 0.4 – 0.8" [6 – 15 cm x 1 – 2 cm]

White/pale buff/cream. Dry. White-pruinose at apex, covered from base to annular zone w/ white, cottony, membranous veil. Equal/tapered down. Solid.

Frequency: Occasional.

Locations: HIRIP, PIGTL, ROGOR.

Synonym: Subgenus *Myxacium*.

References: Bar 227. BBF 107, 282. Bin 105. M&M 320. Phi 160. Roo 272.

Sticky Violet Cort
Spotted Cort

Cortinarius iodes



SIDE: Pigtail, 9/28/2009, J Solem.
CAP: Pigtail, 8/20/2009, J Solem.
GILLS: Pigtail, 8/20/2009, J Solem

Sticky Violet Cort

[Cortinarius iodes](#)
Cortinariaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	+++	+++		

ID: Cap and gills lilac/purplish. Cap and stalk slimy.

Habitat: Scattered, groups, clusters. On ground under hardwoods.

Cap: 0.8 – 2.4" [2 – 6 cm]

Dark lilac/purplish, fading in age and developing yellowish spots, yellowish umbo or overall; varieties may have yellow center. Smooth, slimy. Bell-shaped, broadly convex in age. Margin inrolled, veil fragments. Flesh white, then gray.

Gills: Lilac/violet; grayish cinnamon in age. Attached. Close. Depth = 2X cap flesh. Secondary gills.

Spores: Rusty-brown, *brown*.

Stalk: 1.5 – 2.8" x 0.2" – 0.6" [4 – 7 cm x 5 – 15 mm]

Violet/purplish; sometimes white toward base. Slimy. Smooth. Cylindrical or tapered upward. May have pale violet partial veil near top. Flesh white.

Frequency: Fairly common.

Locations: BIGBR, LONGC, PIGTL, ROGOR, SAVPK, TUFTS.

Notes: *C. idioides* cap has a bitter taste: *C. iodes* does not.

Synonym: Subgenus *Myxacium*.

References: Bar 228. BBF 109, 282. Bin 109. Lin 617, 344. M&M 320. Roo 193. Roo 193.

None

Cortinarius privignus [or near]



OVERALL: Big Branch, 9/28/2009, R Solem.
 CAPS and GILLS: Big Branch, 9/28/2009, R Solem.

None

[*Cortinarius privignus*](#) [or near]
 Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	+	-

ID: Cap center red-brown (wet) or yellow-brown (dry). Stalk club-shaped. Strong odor (spicy or plant-like).

Habitat: Scattered. On ground in moss in mixed forests or hemlocks.

Cap: 1.6 – 2.8" [4 – 7 cm]
 Center dark red-brown when wet, drying to yellow-brown. Smooth, slightly shiny. Conical/bell-shaped. Margin covered w/ fine white veil fragments. Flesh pallid w/ red-brown patches, fragile. Odor strong, plant-like or spicy.

Gills: Milky-coffee/pale cinnamon (darker cocoa-brown in age). Notched.

Spores: Rusty-brown.

Stalk: 1.6 – 3.5" x 1/4 – 1/2" [4 – 9 cm x 7 – 15 mm]
 White w/ matted hairs. Striated. Club-shaped. Stuffed.

Frequency: Uncommon.

Locations: BIGBR.

Notes: Rogers is the only source with a description and photo that seem to match the specimens here.

Synonym: Subgenus *Telamonia*.

References: Phi 182. Rog.

None

Cortinarius pulchrifolius



SIDE: Pigtail, 10/6/2009, *R Solem*.
 GILLS and TOP: Pigtail, 10/6/2009, *R Solem*.

None

[*Cortinarius pulchrifolius*](#)
 Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	+

ID: Cap lilac w/ silky white fibrils; hemispheric/ convex. Stalk w/ flat onion bulb.

Habitat: Solitary, groups. On ground in forests.

Cap: 1.2 – 3.8" [5 – 12 cm]
 White/lilac w/ reddish/tannish center. Covered w/ fine, silky, white fibrils. Smooth, shiny. Convex/bell-shaped w/ broad umbo.

Gills: Lilac; dark purple-brown in age. Attached. Close. Depth 1 – 2 mm.

Spores: Rusty-brown.

Stalk: 1.6 – 3.1" x 0.2 – 0.4" [5 – 10 cm x 8 – 16 mm]
 Colored like cap. Dry. Tapered upward, large, fat oniony bulb up to 1.2" [30 mm] wide; covered w/ white fibers. Flesh turns lavender. Stuffed.

Frequency: Occasional.

Locations: BIGBR, PIGTL, RKBRP.

Synonym: Subgenus *Sericeocybe*.

References: Phi 177. Rog.

Blood-red Cort

Cortinarius sanguineus



CAPS and GILLS: Long Corner, 9/29/2008, J Solem.

Blood-red Cort

[*Cortinarius sanguineus*](#)
Cortinariaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	---	+	---	---

ID: Cap dark orange-red w/ silky fibrils. Gill and stalk color like cap.

Habitat: Scattered, groups. On ground or in moss under hardwoods or white pines.

Cap: 0.8 – 2.3" [2 – 6 cm]
Dark blood/orange-red. Covered w/ silky fibrils. Convex (flattened in age). Flesh tan.

Gills: Colored like cap or darker; rusty tinged in age. Attached. Crowded. Narrow.

Spores: Rusty-brown, *brown*.

Stalk: 0.8 – 3" x 1/8 – 1/4" [2 – 7.5 cm x 3 – 6 mm]
Colored like cap or darker. Slightly thickened at base.

Frequency: Uncommon.

Locations: LONGC.

Synonym: Subgenus *Dermocybe*.

References: Bar 230. Phi 191. Roo 194. Rog.

Red-gilled Cort

Cortinarius semisanguineus



SIDE: Pigtail, 9/25/2009, R Solem.
 TOP: Pigtail, 9/25/2009, R Solem.
 GILLS: Pigtail, 9/25/2009, R Solem.

Red-gilled Cort

[Cortinarius semisanguineus](#)
 Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D			
						-	-	-	-	+	-	-	-	-

ID: Gills dark blood-red. Cap yellow-brown w/ matted fibrils; umbo. Stalk dull yellow.

Habitat: Scattered, groups. On ground or in moss in forests.

Cap: 0.8 – 2.4" [2 – 6 cm]
 Yellow-brown/cinnamon-buff; disc darker in age. Surface dry, covered w/ tiny matted fibrils. Bell-shaped/ convex (broadly convex/nearly flat w/ low umbo in age). Margin inrolled (expanded in age). Flesh whitish/ yellowish.

Gills: Dark blood-red/cinnabar. Attached. Crowded. Narrow.

Spores: Rusty-brown.

Stalk: 0.8 – 3" x 1/8 – 1/4" [2 – 6 cm x 3 – 6 mm]
 Dull yellow; often reddish/whitish at base and whitish at apex. Fibrillose. Equal. Thin, fibrous annular zone. Solid.

Frequency: Uncommon.

Locations: BIGBR, PIGTL.

Synonym: Subgenus *Dermocybe*.

References: Bar 229. BBF 111, 283. Lae 70. Lin 618, 300. McK 293, #36. M&M 318. Phi 191. Roo 194.
http://botit.botany.wisc.edu/toms_fungi/sept99.html.

Violet Cort

Cortinarius violaceus



SIDE: Western Regional Park, 9/29/2009, *J Solem*.
 GILLS, CAP and STALKS: Western Regional Park, 9/29/2009, *J Solem*

Violet Cort

[*Cortinarius violaceus*](#)
Cortinariaceae



J	F	M	A	M	J	J	A	S	O	N	D
								+++	---		

ID: Cap dark violet w/ dark tuft-like fibrils. Gill and stalk color like cap.

Habitat: Solitary, scattered, groups. On ground or in moss in forests.

Cap: 2 – 4.8” [5 – 12 cm]
 Dark violet to purple. Covered w/ fibers that form tiny tufts/scales. Dry. Convex (broadly convex/nearly flat in age, w/ or w/o small umbo). Margin inrolled (expanded in age). Flesh dark violet/grayish.

Gills: Dark violet (grayish cinnamon-brown in age). Attached/notched. Subdistant. Broad.

Spores: Rusty-brown/rusty-cinnamon.

Stalk: 2.8 – 5.5” x 0.4 – 4” [7 – 14 cm x 1 – 2.5 cm]
 Dark violet/purplish. Dry. Covered w/ tiny matted fibrils. Tapered upward. Partial veil leaves thin violet annular zone. Club-shaped base.

Frequency: Occasional.

Locations: LONGC, PIGTL, WESRP.

Synonym: Subgenus *Continarius*.

References: Bar 228. BBF 112, 283. Lae 71. Lin 620, 340. McK 294, 36. M&M 312. Pac 176.

Black Trumpets

Craterellus fallax



OVERALL: Pigtail, 6/13/2009, R Solem.
OVERALL: Long Corner, 6/27/2009, J Solem.
OVERALL: Big Branch, 8/21/2009, R Solem.

Black Trumpets

[Craterellus fallax](#)
Cantharellaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	-	-	+	+

ID: Cap funnel-shaped, gray-brown/blackish. Fertile surface w/ blunt ridges; stains black.

Habitat: Scattered, groups, clusters. On ground in forests.

Cap: 0.4 -3.1" [1 - 8 cm]
Grayish-brown/dark brown/blackish w/ darker radiating fibers/tiny scales. Funnel-shaped and deeply depressed. Margin inrolled (arched/wavy/irregular in age). Flesh color like surface, thin, brittle to fibrous.

Fertile Surface: Gray/brown/blackish, often w/ ochre- orange tints; stains black. Decurrent or w/ shallow, blunt vein-like ridges.

Spores: Buff (see Notes).

Stalk: Dark brown/blackish. Indistinct below fertile surface. Often hollow.

Frequency: Occasional.

Locations: BIGBR, LONGC, PIGTL.

Notes: *C. fallax* has ochraceous-orange/ochraceous-buff spores. *C. cornucopioides* has whitish spores.

References: Bar 190. BBF 34, 37. Lae 275. Lin 394, 443. M&M 331. McK 85, #7. Pac 155 and fn. Phi 248. Roo 117. Rus 105, #53.

Flat Crep

Crepidotus applanatus [or near]



OVERALL: Wincopin, 6/17/2009, J Solem.
 GILLS: Wincopin, 6/17/2009, J Solem.

Flat Crep

Crepidotus applanatus [or near]
Inocybaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+++	+++	+++	+++	+-	--	+

ID: Cap white, shell-like. Gills pinky-brown in age.

Habitat: Clusters. On dead or decaying hardwoods (rarely conifers).

Cap: 0.4 – 1.5" [1 – 4 cm]

White, pinkish-tan/cinnamon-brown in age. Smooth. Moist. Margin inrolled; striate when fresh. Fibrillose at point of attachment (like white plug). Flesh (= gill layer) white.

Gills: White; pinky-brown in age. Attached. Radiate from point of attachment. Crowded/close. Secondary gills.

Spores: *Brown/cinnamon-brown.*

Stalk: None.

Frequency: Common.

Locations: CASCT, DANPV, HENPV, HOLLO, LONGC, MPENA, PIGTL, RKBRP, SLMLP, SUKBR, WESRP, WINTR.

Notes: More than 100 species; examine spores for certainty.

References: Bar 220. Lin 636, 494. M&M 286. Phi 243.

None

Crepidotus crocophyllus [or near]



SIDE: MPENA, 9/18/2009, R Solem.
 GILLS: MPENA, 9/18/2009, R Solem.

None

[*Crepidotus crocophyllus*](#) [or near]
Inocybaceae



J	F	M	A	M	J	J	A	S	O	N	D
		-	-	-	-	+	+	+	+	-	-

ID: Cap ground color buff w/ dark brown fibrils. Gill color like cap.

Habitat: Scattered, clusters. On debarked hardwood or hardwood (rarely conifer) litter.

Cap: 0.6 – 2.4" [0.5 – 6 cm]
 Variable (buff/yellow/orange ground color). Covered w/ dark brown fibrils. Dry. Shell-/fan-shaped, broadly convex. Flesh soft, thin.

Gills: Color variable (like cap), becoming brown from spores. Radiate from point of attachment. Crowded to close. Secondary gills.

Spores: Brown.

Stalk: None.

Frequency: Uncommon.

Locations: MPENA.

Notes: More than 100 species; examine spores for certainty.

References: Bar 221. M&M 285. Phi 243. Roo 18fn. Kuo.

Jelly Crep

Crepidotus mollis [or near]



TOP: Pigtai, 8/17/2009, J Solem.
GILLS: Pigtail, 8/17/2009, R Solem.

Jelly Crep

Crepidotus mollis [or near]
Inocybaceae

J	F	M	A	M	J	J	A	S	O	N	D
							-	+	+	-	-

ID: Cap ochraceous-white w/ appressed white/ brownish fibrils.

Habitat: Groups. On decaying hardwood (rarely conifer) bark.

Cap: 0.4— 3.1" [1 – 8 cm]

Color variable, olive-brown/ochraceous/ochraceous-white. Coated w/ appressed white/brownish fibers. Hygrophanous. Kidney-/fan-/shell-shaped, somewhat convex/nearly flat. Flesh (1 mm) w/ gelatinous layer.

Gills: Whitish; becoming cinnamon/grayish-cinnamon. Close to crowded. Edges entire or fimbriate. Secondary gills.

Spores: *Brown*.

Stalk: None.

Frequency: Occasional.

Locations: MPENA, PIGTL, RKBRP.

Notes: More than 100 species; examine spores for certainty.

Synonyms: *C. fulvotomentosus*, *C. calolepis*.

References: Bar 220. BBF 113, 283. Lae 183. Lin 637, 504. M&M 285. McK 295, 37. Pac 290. Phi 242. Roo 18.

None

Cystoderma terreii



GILLS, STALK and RING: Pigtail, 9/25/2009, J Solem.

CAPS and STALKS: Pigtail, 9/25/2009, R Solem.

GILLS, PARTIAL VEILS and STALKS: Pigtail, 9/25/2009, J Solem.

OVERALL: Pigtail, 9/25/2009, R Solem.

None

Cystoderma terreii
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
							--+	--+	--+	++	

ID: Cap rusty-cinnamon w/ mealy scales; convex (flat in age). Gills w/ partial veil. Stalk club-shaped; ring. Odor unpleasant.

Habitat: Solitary, groups, clusters. Under conifers, occasionally hardwoods, sometimes on well-rotted wood.

Cap: 1 – 3.5" [3 – 8 cm]
Cinnabar-red to orange/rusty-cinnamon; margin lighter. Covered w/ mealy granular scales. Convex (broadly convex/nearly flat in age). Flesh whitish. Odor unpleasant in age.

Gills: White (at first covered w/ partial veil). Attached (pulling away in age). Close or crowded.

Spores: *White*.

Stalk: 1.4 – 4" x 1/4 – 1/2" [3 – 6 cm x 1 – 1.5 cm]
Whitish/pale cinnamon near apex. Sheathed w/ cinnabar/brown granules (which may wear away) from base up to ring zone; superior flimsy ring. Dry. More-or-less club-shaped.

Frequency: Occasional.

Locations: BIGBR, CASCT, PIGTL, RKBRP.

Notes: ID based on microscopic examination by R Orr to determine the presence of cheilocystidia. (*Cystoderma terreii* has them and *Cystoderma granulosum* does not.)

Synonym: *Cystoderma cinnabarinum*.

References: BBF 116. Lae 96. M&M 110. Phi 40. Roo 32fn. Kuo. Rog.

Abortive Entoloma

Entoloma abortivum



OVERALL: MPENA, 10/2/2009, *J Solem*.
 ABORTED FORM: MPENA, 10/1/2009, *J Solem*.
 GILLS and STALKS: MPENA, 10/2/2009, *J Solem*.

Abortive Entoloma

[*Entoloma abortivum*](#)
 Entalomataceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+-	++	++	---

ID: Cap and stalk gray. Aborted: chalk-white lumps.

Habitat: Scattered, clusters. On ground or near rotting stumps in mixed woods. Usually near *Armillaria* (Honey Mushrooms).

Cap: 2 – 4” [5 – 10 cm]
 Pale gray/grayish-brown. Typically convex (sometimes w/ low umbo)/slightly depressed. Edge inrolled (often irregular in age). Flesh (= 2X gill layer) white.

Aborted Fruiting Bodies: 1 – 2” high x 1 – 4” wide
 [2.5 – 5 cm x 2.5 – 10 cm] Chalky white, usually in groups/clusters w/ pink marbling in spongy white inner flesh.

Gills: Grayish (pinkish in age). Typically subdecurrent/decurrent. Close.

Spores: Salmon-pink.

Stalk: 1 – 4” x 1/4 – 5/8” [2.5 – 10 cm x 5 – 15 mm]
 Whitish/grayish. Dry. Scurfy. Usually enlarged base. Base usually coated w/ white mycelium. Solid.

Frequency: Fairly common.

Locations: BIGBR, HENPV, LONGC, MPENA, RKBRP, SLMLP.

Notes: Do Honey Mushrooms (*Armillaria* spp.) cause distortions in the *Entoloma* fruiting bodies or vice versa? The former is the traditional view, but Roody (p 134) mentions a study by mycologist T. J. Volk and others that it may be the latter (*Entoloma* causing the change in *Armillaria*).

Synonym: *Clitopilus abortivus*.

References: Bar 189. BBF 117, 284. Lin 641, 253, 670. M&M 215. McK 310, #35. Phi 157. Roo 133. Rus 60, #19.

Blue-toothed Entoloma
Saw-toothed Leptonia

Entoloma serrulatum



SIDE: Rocky Gorge Reservoir, 9/19/2009, R Solem.

STALKS and GILLS: Rocky Gorge Reservoir, 9/19/2009, R Solem.

Saw-toothed Leptonia
Blue-toothed Entoloma

Entoloma serrulatum
Entalomataceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
							+	+	+		

ID: Cap bluish-black (grayish-purple in age). Gill finely toothed w/ dark blue-black edges. Stalk color like cap. Strong odor.

Habitat: Solitary, scattered. On ground or in moss in mixed woods; sometimes on mossy logs.

Cap: 0.4 – 1.5" [1 – 4 cm]

Dark bluish-black (grayish-purple w/scaly center in age). Convex/depressed. Flat or raised margin. Strong, unpleasant odor.

Gills: Surface whitish at first, becoming bluish-/pinkish-gray; finely toothed dark bluish-black edges. Attached/slightly decurrent.

Spores: Salmon-pink.

Stalk: 1.5 – 3" x ca. 1/8" [1 – 4 cm x 1.5 – 3 mm]

Bluish-black. Smooth but scurfy at apex. White mycelium at base.

Frequency: Occasional.

Locations: ROGOR, SUKBR, WESRP.

Synonym: *Leptonia serrulata*.

References: BBF 190, 299. Lin 644, 101. M&M 212. Roo 123. Kuo. http://www.messiah.edu/Oakes/fungi_on_wood/gilled%20fungi/species%20pages/Leptonia%20serrulata.htm has photos.

Straight-stalked Entoloma

Entoloma strictius



OVERALL: Long Corner, 7/16/2010, *R Solem*.
STALK and GILLS: Long Corner, 7/16/2010, *J Solem*.
CAP and STALK: Long Corner, 7/16/2010, *J Solem*.

Straight-stalked Entoloma

Entoloma strictius
Entalomataceae



J	F	M	A	M	J	J	A	S	O	N	D
						+	-	-	-	-	-

ID: Cap gray-brown, conical. Gills white, becoming pinkish.

Habitat: Scattered, clusters. On ground or rotting logs in wet areas of woods.

Cap: 1 – 2" [2.5 – 5 cm]

Grayish-brown. Conical/bell-shaped (flat w/ irregular umbo in age).
Margin lined when moist.

Gills: White, becoming pinkish. Attached/nearly free. Close.

Spores: Salmon-pink.

Stalk: 2 – 4" x 1/16 – 1/4" [5 – 10 cm x 1.5 – 5 mm]

Whitish/grayish. Dry. Silky. Twisted longitudinal lines. Base coated w/
white mycelium. Hollow.

Frequency: Uncommon.

Locations: LONGC.

Notes:

Synonyms: *E. strictior*. *Nolanea strictior*. *Nolanea stricta*.. *Agaricus strictior*.

References: Lin 646, 274, 670. M&M 214. Kuo.

Spring Entoloma

Entoloma vernum



SIDE: Pigtail, 4/12/2010, *R Solem*.
 GILLS and STALK: Pigtail, 4/12/2010, *J Solem*.

Spring Entoloma

[*Entoloma vernum*](#)
 Entalomataceae

J	F	M	A	M	J	J	A	S	O	N	D
			-+	- - -	- - -						

ID: Brown/tan, conic/bell-shaped; grayish gills; brown stalk.

Habitat: Solitary, scattered, on ground in mixed woods.

Cap: 1 – 2” [2.5 – 5 cm]

Dark brown (tan in age), conic/bell-shaped (more convex in age), retaining pointed umbo in most specimens. Flesh pale brown.

Gills: Grayish to pinkish-brown, attached, subdistant, broad.

Stalk: 1.5 – 3.1” x 1/8 – 3/8” [4 – 8 cm x 3 – 10 mm]

Brown, scurfy-fibrous, base w/ white mycelium.

Spores: *Salmon-pink*.

Frequency: Uncommon.

Locations: PIGTL.

Synonym: *Nolanea verna*.

References: BBF 215, 303. Lin 646, 282. Roo 278.

Velvet Shank

Flammulina velutipes



OVERALL: Lake Elkhorn, 11/15/2008, *J Solem*.
 GILLS: Lake Elkhorn, 11/15/2008, *J Solem*.
 GILLS and STALK: Mt. Pleasant, 11/7/2010, *R. Orr*

Velvet Shank

Flammulina velutipes
 Physalacriaceae



J	F	M	A	M	J	J	A	S	O	N	D
	++	+-	---						+	+++	++++

ID: Cap orangish-brown, center darker; sticky/viscid. Stalk velvety, dark reddish-brown.

Habitat: Groups, clusters. On hardwood trees/logs/stumps.

Cap: 0.8 – 2.8" [2 – 7cm]

Orangish-brown/reddish-yellow, center darker. Slimy in wet weather, very sticky when dry. Smooth. Convex (nearly flat in age). Margin yellow w/ veil remnants; inrolled at first, grooved in age. Flesh thin, yellowish, usually watery.

Gills: Yellowish. Attached/notched (subdecurrent in age). Close. Narrow.

Spores: *White*.

Stalk: 1 – 3" x 1/8 – 1/4" [2.5 – 7.5 cm x 3 – 7 mm]

Yellowish and smooth at top; dark reddish-brown and velvety from base up. Flesh white, leathery and fibrous; stains yellow. Hollow in age.

Frequency: Fairly common (in rainy weather).

Locations: CASCT, GONRA, LKELK, MPENA, MTPLT, RKBRP, SAVPK, WINTR.

Synonym: *Collybia velutipes*.

References: Bar 289. BBF 117, 284. Lae 114. Lin 759, 63. M&M 158. McK 152, 17. Pac 46. Phi 73.

Deadly Galerina

Galerina marginalis



SIDE: Henryton, 10/26/2009, R Orr.
CAP and GILLS: Wincopin, 11/6/2009, R Orr.
RING, STALK and SUBSTRATE: Gorman Stream Valley NRA,
10/11/2009, R Solem.

Deadly Galerina

Galerina marginalis
Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D				
		+	-	-	-				-	+	+	+	+	+	+

ID: Cap light tan. Stalk brown w/ gray-white fibrils; persistent ring. White mycelium at base. Distinct odor when cut.

Habitat: Scattered, groups, clusters. On decaying hardwood/conifer logs and stumps.

Cap: 1 – 2.5" [2.5 – 6.5 cm]
Light tan and smooth when dry, dark brown and viscid when moist. Hygrophanous. Convex (w/ or w/o small umbo). Margin inrolled, faintly striate. Flesh pale yellow/orangish, thick. Distinct odor when cut.

Gills: Pale yellowish-/orange-brown (rusty-brown in age). Attached. Close. Broad. Secondary gills.

Spores: Rusty-brown.

Stalk: 1.1 – 3.5" x 1/8 – 3/8" [3 – 9 cm x 3 – 10 mm]
Brown/blackish-brown base color w/ grayish-white fibrils. Dry. Smooth to slightly pruinose at apex. Persistent membranous superior ring, often brown on top and white on bottom. Base usually w/ white mycelium.

Frequency: Common.

Locations: CASCT, GONRA, HENPV, LONGC, MPENA, PIGTL, RKBPR, SLMLP, WESRP, WINTR.

Notes:  **Do not taste!**

Synonym: *G. autumnalis*.

References: Bar 222. BBF 118, 284. Lin 620, 228. M&M 298. McK 296, 37. Phi 216. Roo 33. Rus 155, #73.

Little Brown Collybia

Gymnopus alkalivirens



OVERALL: Pigtail, 7/15/2010, R Solem.

Little Brown Collybia

Gymnopus alkalivirens
Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	+	-	-	-	-

ID: Purple-brown (wet)/ reddish-brown (dry). Gills reddish-brown. Stalk purple-brown. Stains olive-green w/ KOH.

Habitat: Solitary, scattered, groups. Decaying wood/leaf litter/among moss in hardwoods.

Cap: 0.4 – 1.4" [1 – 3.5 cm]
Dark purple-/reddish-brown (moist), red-/yellow-brown (dry).
Hygrophanous and dull. Smooth. Hemispheric (convex/nearly flat in age w/ low umbo). Margin striate. Flesh white/reddish-brown.

Gills: Reddish-/purple-brown (blackish when dry). Attached/nearly free. Close.

Spores: *White*.

Stalk: 1.1 – 3.1" x 1/16 – 1/8" [3 – 8 cm x 1 – 3 mm]
Dark purple-brown/brown/blackish, often paler at apex w/ matted fibers at base. Equal/enlarged at base.

Frequency: Uncommon.

Locations: PIGTL.

Synonym: *Collybia alkalivirens*.

Notes: All parts stain olive-green w/ KOH.

References: BBF 93, 278. Lin 753, 108. Phi 73. Rog.
<http://www.nybg.org/bsci/res/col/levipeds.html#alkalivirens>

Oak Collybia

Gymnopus dryophilus



OVERALL: MPENA, 8/19/2010, *J Solem*.
 TOP (old): Pigtail, 11/21/2009, *R Solem*.
 GILLS, STALKS, BASE w/ RHIZOMORPHS: David Force WMA,
 5/20/2009, *J Solem*.

Oak Collybia

[*Gymnopus dryophilus*](#)
 Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
			--+	--+	---	---	---	---	---	---	---

ID: Cap orangish-brown, very pale in age; convex (flat in age).

Habitat: Scattered, groups. On hardwood/conifer twigs and duff, leaf litter.

Cap: 0.4 – 3” [1 – 7.5 cm]
 Dark reddish-brown/brown, darker center (tan/orangish-brown/very pale in age). Moist. Smooth. Convex (broadly convex/flat in age), small umbo. Margin darker, inrolled, veil remnants. Flesh whitish, thin.

Gills: Whitish/pinkish/ (one variety is yellow); orange in age. Attached/free. Crowded.

Spores: *White/creamy/pale yellowish.*

Stalk: 0.4 – 3.9” x 1/16 – 1/4” [1 – 10 cm x 2 – 7 mm]
 Whitish at top, light buff below; becoming darker. Dry. May be slightly twisted/flattened. Usually w/ thin, whitish rhizomorphs attached to base.

Frequency: Occasional.

Locations: BIGBR, DFWMA, MPENA, PIGTL, WESRP.

Notes: Parasitized by *Syzygospora mycetophila*. (Collybia Jelly; creating pale, jellylike growths on the stem, gills, and cap).

Synonym: *Collybia dryophila*.

References: Bar 256. BBF 95, 279. Bin 345. Lae 111. Lin 755, 80. Lin 755, 80. M&M 178. McK 149, 17. Pac 34. Phi 70. Roo 170. Rus 35, #8. Kuo. Rog.

Big Laughing Gym
Big Laughing Mushroom

Gymnopilus junonius [group]



OVERALL: Rockburn Branch Park, 10/21/2010, *R Solem*.
GILLS and STALKS: Rockburn Branch Park, 10/21/2010, *R Solem*.

Big Laughing Gym
Big Laughing Mushroom

Gymnopilus junonius [group]
Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	-	-	-	+

ID: Decaying or buried wood. Smooth ochre-orange caps, thick stem. Superior ring.

Habitat: Scattered, clustered. Decaying wood or on ground on buried wood.

Cap: 3 – 7" [7.5 – 18 cm]

Pale yellow-/ochre-orange. Dry. Smooth (scaly in age). Convex (broadly convex/nearly flat in age). Flesh pale yellow (darker in age). Taste bitter.

Gills: Ochraceous buff (yellow/rusty in age). Attached/ decurrent. Close. Edges minutely fringed.

Spores: *Rusty-brown/rusty-orange*.

Stalk: 2 – 7" x 0.4 – 1.1" [5 – 18 cm x 1 – 3 cm]

Colored like cap; often brownish near base. Streaked w/ tiny fibrils. Tapered upward; base abruptly narrows. Partial veil typically leaves superior ring.

Frequency: Uncommon.

Locations: RKBRP.

Synonym: *Gymnopilus spectabilis*.

References: Bar 222. BBF 122, 285. Lin 623, 214. McK 298, 37. M&M 295. Pac 198. Roo 35fn.

Poison Pie

Hebeloma sinapizans



TOP: Centennial Park, 11/1/2009, J Solem.
 GILLS and STALK: Centennial Park, 11/1/2009, J Solem.
 FAIRY RING: Centennial Park, 11/1/2009, J Solem.

Poison Pie

[*Hebeloma sinapizans*](#)
 Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D			
							-	-	-	-	+	+	+	+

ID: Cap cinnamon-tan, sticky-smooth. Odor radish-like.

Habitat: Groups, fairy rings. In grassy areas under hardwoods or conifers.

Cap: 1.8 – 5.9" [4 – 15 cm]
 Cinnamon-tan to darker reddish-brown. Sticky smooth. Convex/broadly convex (flat in age), low umbo; whitish sheen when young. Cottony margin. Flesh whitish (5 – 6 mm). Odor radish-like.


Gills: Pale clay color (cinnamon-brown/brown in age). Attached and often notched. Close; edges minutely ragged in age. Depth 14 mm.

Spores: Brown.

Stalk: 1.6 – 3.1" x 0.2 – 0.4" [4 – 13 cm x 1 – 3 cm]
 White to buff (brownish from base upward in age). Scurfy/scaly. Nearly equal w/ fairly abrupt swollen base. Flesh whitish, thick.

Frequency: Occasional.

Locations: ANNRK, CENPK, HAMVL.

Notes: 

References: BBF 123fn. Lae 67fn. McK 300. Roo 279fn. Kuo.

Leaflike Oyster

Hohenbuehelia petaloides



TOP: Scotts Cove, 9/19/2009, J Solem.
GILLS: Scotts Cove, 9/19/2009, J Solem.
OVERALL: Scotts Cove, 9/19/2009, R Solem.

Leaflike Oyster

[*Hohenbuehelia petaloides*](#)
Pleurotaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	+	-

ID: Cap tan/pale brown; fan-/funnel-shaped. Stubby stalk.

Habitat: Solitary, groups, clusters. On wood, woody debris, or mulch.

Cap: 1 – 3" [2.5 – 7.5 cm]

Tan/pale brown/grayish-brown. Minutely hairy to smooth. Fan-shaped/somewhat funnel-shaped. Flesh white, thin, gelatinous.

Gills: Whitish/grayish. Decurrent to base of stalk. Crowded. Narrow; minutely fringed edges. Depth = 2X cap flesh. Secondary gills.

Spores: *White*.

Stalk: Lateral. Whitish, hairy. Short, stubby.

Frequency: Uncommon.

Locations: ROGOR.

References: BBF 125, 286. Lin 760, 433. McK 153, 20. Roo 20fn.

Orange-gilled Waxy Cap

Humidicutis marginata



SIDE: High Ridge Park, 9/27/2009, *R Solem*.
 CAPS: High Ridge Park, 9/27/2009, *J Solem*.
 SIDE: Rockburn Branch Park, 9/22/2009, *R Solem*.
 CAP, STEMS and GILLS: Rockburn Branch Park, 9/22/2009, *R Solem*.

Orange-gilled Waxy Cap

[*Humidicutis marginata*](#)
 Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	+	---	

ID: Cap and gills orange-yellow. Stalk yellow. Use KOH.
Habitat: Solitary, scattered. On ground/moss/leaf litter in mixed forests.
Cap: 0.6 – 1.5" [1.5 – 4 cm]
 Orange-yellow (bright orange-/golden-yellow in age). Moist, slightly sticky when wet. Smooth. Conic (bell-shaped/nearly flat in age). Margin striated. Flesh yellow, thin. KOH stains cap olive.
Gills: Orange-yellow/yellow. Attached. Distant. Broad. Depth = 4X cap flesh.
Spores: White.
Stalk: 1 – 4" x 1/8 – 3/8" [2.5 – 10 cm x 3 – 9 mm]
 Pale/orange-yellow; sometimes white at base. Smooth. Moist. Flesh yellow. Hollow in age.
Frequency: Uncommon.
Locations: HIRIP, RKBRP.
Synonyms: *Hygrocybe marginat.* *Hygrophorus marginatus.*
References: Bar 277. BBF 141, 288. Lin 662, 53. M&M 65. McK 200, #22. Phi 74. Roo 177. Rus 71, #27.

Chanterelle Waxy Cap

Hygrocybe cantharellus



OVERALL: Hammond Schools, 8/25/2010, J Solem.

Chanterelle Waxy Cap

[*Hygrocybe cantharellus*](#)
Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	-	-

ID: Red-orange cap; decurrent lighter gills.

Habitat: Groups, clusters. On humus or decaying wood.

Cap: 0.4 – 4.8" [1 – 3.5 cm]

Orange/orange-red/scarlet (paler in age). Convex (flat/ depressed in age). Dry. Silky/finely roughened. Margin wavy/recurved in age.

Gills: Creamy-/orange yellow. Decurrent. Distant. Broad. Waxy.

Spores: White.

Stalk: 1 – 4.8" x 1/8 – 1/4" [2.5 – 12 cm x 2 – 5 mm]

Color of cap or paler. Smooth. Dry. Fragile. Equal/tapers down.

Frequency: Uncommon.

Locations: HAMVL, RIVHL.

Synonym: *Hygrophorus cantharellus*.

References: Bar 268. BBF 137, 287. Lin 656, 56. M&M 63. Phi 79.

Scarlet Waxy Cap

Hygrocybe coccinea



OVERALL: Gorman Stream Valley NRA, 10/31/2010, *J Solem*.
SIDE: Gorman Stream Valley NRA, 10/31/2010, *J Solem*.
CAPS: Gorman Stream Valley NRA, 10/31/2010, *J Solem*.
GILLS: Gorman Stream Valley NRA, 10/31/2010, *J Solem*.

Scarlet Waxy Cap

[*Hygrocybe coccinea*](#)
Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
										+	

ID: Red-orange cap; decurrent lighter gills.

Habitat: Solitary, scattered, groups. On ground in coniferous and hardwood forests.

Cap: 0.8 – 3.1" [2 – 9 cm]

Orange/orange-red/scarlet (paler orange-red in age). Conic (flat/convex w/ umbo in age). Dry. Smooth. Flesh yellow-orange, thin, fragile.

Gills: Yellowish/red-orange/creamy peach. Attached. Close/subdistant. Broad. Waxy.

Spores: *White*.

Stalk: 0.8 – 3.1" x 1/8 – 3/8" [2 – 8 cm x 2 – 10 mm]

Yellow-orange/orange-red (may be paler downward). Smooth. Dry. Often w/ white mycelium at base.

Frequency: Uncommon.

Locations: GONRA, HAMVL.

Synonym: *Hygrophorus coccineus*.

References: Bar 270. BBF 138, 287. Lin 658, 65. McK 198, 22. M&M 63. Phi 80.

Witch's Hat

Hygrocybe conica



SIDE: Wincopin, 6/15/2009, R Solem.
 OVERALL: Wincopin, 6/15/2009, R Solem.
 CAP: Wincopin, 6/15/2009, J Solem.

Witch's Hat

[Hygrocybe conica](#)
 Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-

ID: Cap orange-red, bruises black; conical. Gills and stalk yellow-orange, bruise black.

Habitat: Solitary, scattered. On ground in coniferous or mixed forests.

Cap: 0.8 – 3.5" [2 – 9 cm]

Dark orange-red/orange, lighter toward margin, sometimes w/ olive-green tints. Quickly staining black in age or when bruised. Conical; umbo w/ point, striations. Flesh like cap, thin, bruises black.

Gills: Light yellow/greenish-orange, waxy; bruise black. Free. Close. Broad.

Spores: White.

Stalk: 0.8 – 4" x 1/8 - 3/8" [2 – 10 cm x 3 – 10 mm]

Yellow/yellow-orange, pale near base; bruises black. May be striate. Equal. Hollow. Fragile.

Frequency: Uncommon.

Locations: WINTR.

Notes: 

Synonym: *Hygrophorus conicus*.

References: Bar 269. BBF 138, 287. Lae 104. Lin 658, 71, 72. M&M 62. McK 198, #22. Pac 110. Phi 76. Roo 173.

Golden Waxy Cap

Hygrocybe flavescens



OVERALL: Pigtail, 9/28/2009, R Solem.

Golden Waxy Cap

[*Hygrocybe flavescens*](#)
Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	-	-	-	-	-
				+	+				+	+	+

ID: Cap orange/yellow (fades to pale yellow); viscid; conical, flattened in age.

Habitat: Solitary, scattered. On ground, in moss , or along woodland trails.

Cap: 0.8 – 2.5" [2 – 6.5 cm]
Orange/yellow (fades to pale yellow). Smooth/viscid, shiny.
Conical/broadly conical (flattened/depressed w/ upturned margin in age).
Flesh thin, white/yellowish.

Gills: Yellow/orange; white edges. Free or nearly. Close/distant.

Spores: White.

Stalk: 1.6 – 2.8" x 0.3 – 0.5" [4 – 7 cm x 8 - 12 mm]
Yellow (center flushed w/ orange). Equal; compressed/ fluted.

Frequency: Fairly common.

Locations: CASCT, HENPV, MPENA, PIGTL, RKBPR, ROGOR, SLMLP, TUFTS, WINTR.

References: Bar 270. BBF 129key. Lin 660, 48. M&M 65. McK 199, 22. Phi 79. Roo 175.

Fading Scarlet Waxy Cap

Hygrocybe miniata



OVERALL: Long Corner, 8/7/2009, R Solem.
SIDE: Long Corner, 8/7/2009, R Solem.

Fading Scarlet Waxy Cap

[*Hygrocybe miniata*](#)
Hygrophoraceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	---	---	+

ID: Cap, gills, and stalk scarlet.

Habitat: Scattered, groups. On ground, in moss, or on decaying hardwoods and conifers.

Cap: 0.8 – 1.6" [2 – 4 cm; ours 8 – 12 mm!]
Scarlet (fades to orange/yellow. Smooth [opposite photos finely hairy].
Convex (broadly convex in age). Flesh colored like cap, thin.

Gills: Scarlet (paler orange, yellow/orange-pink in age). Attached, sometimes slightly decurrent. Distant. Broad (but thin edge).

Spores: White.

Stalk: 1 – 3" [2.5 – 7.5 cm; ours 2 – 3 cm x 2 – 5 mm]
Scarlet (paler orange, yellow, orange-pink in age).

Frequency: Uncommon.

Locations: LONGC, RKBRP.

Synonym: *Hygrophurus miniatus*.

References: Bar 270. BBF 141-2, 288. Lae 143. Lin 663, 69.
M&M 63. McK 201, 22. Pac 106. Roo 120fn.

Parrot Waxy Cap
Parrot Mushroom

Hygrocybe psittacina



OVERALL: Duvall Road, 6/12/2009, R Solem.
CAPS, GILLS and STALKS: Duvall Road, 6/12/2009, R Solem.

Parrot Waxy Cap
Parrot Mushroom

[Hygrocybe psittacina](#)
Hygrophoraceae

J	F	M	A	M	J	J	A	S	O	N	D	
						-	+	-	-	-	-	+

ID: Cap olive-green at first, soon pinkish-orange; sticky/slimy (wet), smooth/shiny (dry). Stalk, color like cap.

Habitat: Scattered, groups. On ground under hardwoods or conifers or in grassy areas.

Cap: 0.4 – 1.2" [1 – 3 cm]
Green/olive-green (amber-/pinkish-orange in age). Sticky/slimy (wet), smooth/shiny (dry). Broadly conic (broadly convex/flat in age), sometimes w/ broad umbo. Margin striate, translucent (opaque in age). Flesh thin.

Gills: Yellow-orange/greenish/reddish, waxy. Attached. Subdistant. Depth = 4X cap flesh. Secondary gills.

Spores: White.

Stalk: 1.2 – 2.8" [3 – 7 cm]
Green (amber-orange/yellowish-white/pinkish in age). Equal. Hollow.

Frequency: Uncommon.

Locations: PIGTL, TUFTS.

Notes: At least 5 varieties distinguished by color/odor (BBF).

Synonym: *Hygrophorus psittacinus*.

References: Bar 273. BBF 143, 289. Lae 105. Lin 665, 103. M&M 61. McK 202, #22. Pac 108.

Bitter Waxy Cap

Hygrocybe mucronella



SIDE: Pigtail, 10/23/2009, R Orr.

Bitter Waxy Cap

[*Hygrocybe mucronella*](#)
Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-

ID: Cap and stalk, bright orange-red. Taste bitter.

Habitat: Scattered, groups. On ground in moss under conifers.

Cap: 0.5 – 1.2" [1.3 – 3.2 cm]

Bright orange-red, lighter toward margin (chrome yellow in age). Smooth, sticky. Margin slightly translucent-striate. Convex (broadly convex in age). Flesh thin, reddish-orange. Taste bitter.

Gills: Whitish (yellow/yellowish-orange in age). Attached. Subdistant. Broad.

Spores: White.

Stalk: 1 – 2.5" x 1/16 – 1/4" [2.5 – 6.3 cm x 2 – 7 mm]

Colored like cap or paler; often translucent. Smooth. Sticky. Nearly equal.

Frequency: Uncommon.

Locations: PIGTL.

Synonyms: *Hygrocybe reai*, *Hygrophorus reai*.

References: BBF 144, 289. Phi 80. Rog.

Snow White Waxy Cap

Hygrocybe virginea [complex]



CAPS: Pigtail, 10/9/2010, J Solem.
GILLS and STALKS: Pigtail, 10/9/2010, J Solem.

Snow White Waxy Cap

[Hygrocybe virginea](#)
[Hygrocybe virginea var virginea](#)
Hygrophoraceae



J	F	M	A	M	J	J	A	S	O	N	D		
						-	-	-	-	+	+	+	+

ID: Off-white cap; thick and waxy gills.

Habitat: Solitary, small groups. On ground in coniferous and mixed forests.

Cap: 0.4 – 2.8" [1 – 7 cm]

Off-white. Convex (broadly convex/flat to shallow central depression w/ uplifted margin in age). Moist/greasy. Smooth. Flesh white.

Gills: Whitish. Subdecurrent. Distant. Thick and waxy.

Spores: White.

Stalk: 0.8 – 3.5" x 0.4" [2 – 9 cm x 1 cm]

Whitish. Dry. Smooth/finely hairy. Often tapers down.

Frequency: Occasional.

Locations: BIGBR, LONGC, PIGTL, RKBRP.

Synonyms: *Hygrophorus niveus*. *Hygrophorus virgineus*. *Hygrocybe borealis*. *Hygrocybe nivea*. *Camarophyllus borealis*.

References: Bar 272. BBF 129. M&M 64fn. Phi 76. Roo 119fn. Kuo. Rog.

Nested Waxy Cap

Hygrophorus nitidus [or near]



OVERALL: MPENA, 9/18/2009, *B. Ott.*
CAPS and GILLS: MPENA, 9/22/2009, *J Solem.*
SIDE (old): MPENA, 9/22/2009, *J Solem.*

Nested Waxy Cap

Hygrophorus nitidus [or near]
Hygrophoraceae

J	F	M	A	M	J	J	A	S	O	N	D				
						-	-	-	-	+	+	-	-	-	-

ID: Cap apricot; convex (depressed in age). Gills pale yellow.

Habitat: Scattered, groups. On ground in moss under hardwoods.

Cap: 0.4 – 1.6" [1 – 4 cm]

Apricot/yellow/orange. Smooth w/ small concentric rings. Convex (flat/slightly depressed in age). Margin inrolled. Flesh (1 – 2 mm) yellowish, soft.

Gills: Pale yellow, waxy. Decurrent; subdistant. Depth 1 – 2 mm. Secondary gills.

Spores: White.

Stalk: 1.2 – 3.1" x 1/8 – 1/4" [3 – 8 cm x 2 – 5 mm]
Color like cap. Dry. Smooth. Equal. Hollow.

Frequency: Uncommon.

Locations: MPENA.

Synonym: *Hygrocybe nitidus*.

References: Bar 272. BBF 129key. M&M 64.

False Chanterelle

Hygrophoropsis aurantiaca



OVERALL: Long Corner, 9/29/2009, *J Solem*.
SIDE (old): MPENA, 8/2/2009, *R Solem*.

False Chanterelle

Hygrophoropsis aurantiaca
Hygrophoropsidaceae



J	F	M	A	M	J	J	A	S	O	N	D
							+	+	-	-	-

ID: Cap orange, darker at center; funnel-shaped in age; margin inrolled.

Habitat: Solitary, scattered, groups. On wood, needles, duff, or other conifer debris; also found on hardwood debris.

Cap: 0.8 – 3” [2 – 7.5 cm]
Orange overall, sometimes yellow/orange brown, darker at center. Dry/slightly moist; minutely velvety/rather smooth. Flat-topped (funnel-shaped in age). Margin inrolled (may remain so). Flesh orangish.

Fertile Surface: Pale orangish-yellow/deep orange. Decurrent, narrow but typically w/ thickened blunt edges; regularly forked. Close/almost crowded.

Spores: *White*.

Stalk: 1 – 4” x 0.2 – 0.8” [2.5 – 10 cm x 6 – 20 mm]
Central/off-center/almost lateral. Orange overall; usually finely hairy. Dry. Curved, tapers up from base. Flesh orangish; fairly tough.

Frequency: Occasional.

Locations: LONGC, MPENA, ROGOR, WESRP.

Notes: No rose-apricot fragrance detected. McKnight includes hardwoods for habitat.

References: Bar 252. BBF 126, 286. Lae 29. Lin 669, 311. M&M 332. McK 154, 16. Phi 87. Roo 138. Rus 73, 28.

None

Hypholoma capnoides



OVERALL: Beaverbrook, 9/10/2008, *R Orr*.
 GILLS and CAP: Wincopin, 10/5/2009, *J Solem*.
 OVERALL: Wincopin, 10/5/2009, *R Solem*.

None

[*Hypholoma capnoides*](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
							+	-	-	+	-

ID: Cap yellow-orange; convex.

Habitat: Scattered, clusters. On conifer logs/stumps.

Cap: 1 – 2.8" [2.5 – 7 cm]

Yellow-orange/reddish-orange/orange-cinnamon. Dry/ moist (greasy, not sticky). Convex/broadly convex. Margin typically w/ white veil remnants. Flesh white.

Gills: Whitish/grayish (purple-brown in age). Attached. Close.

Spores: Purple-brown/*purple*.

Stalk: 2 – 4" x 1/8 – 3/8" [5 – 10 cm x 3 – 10 mm]

Whitish/yellow (rusty brown from base upward in age). Fibrillose. Cylindrical/tapered upward. Partial veil usually leaves annular zone. Hollow in age.

Frequency: Uncommon.

Locations: RKBPR, WINTR.

Synonym: *Naematoloma capnoides*.

References: Bar 202. BBF 147key. Lae 86. Lin 708, 62. M&M 245. McK 268, 33. Pac 213. Phi 216. Roo 157fn.

Sulphur Tuft

Hypholoma fasciculare



OVERALL: High Ridge Park, 11/20/2009, R Solem.
GILLS and STALKS: Schooley Mill Park, 5/8/2009, J Solem.
SIDE: MPENA, 9/22/2009, J Solem.

Sulphur Tuft

Hypholoma fasciculare
Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D			
				+	-	-	+	-	-	-	+	+	+	-

ID: Cap sulphur-yellow; convex, flat in age.

Habitat: Dense clusters. On logs and stumps (mostly conifers) or on ground nearby.

Cap: 0.8 – 3.1" [2 – 8 cm]

Orange-yellow/sulphur-yellow/greenish-yellow (brownish in age). Smooth (may be slippery when wet). Convex (broadly convex/nearly flat in age), often w/ umbo. Margin inrolled at first; may have veil remnants. Flesh pale yellow, moderately thick, stains brownish. Taste bitter (immediately spit out!).

Gills: Yellow/greenish-yellow, then grayish; tinged olive or purple-brown in age. Attached. Crowded. Thin. Secondary gills.

Spores: Purple-brown.

Stalk: 2 – 4.8" x 1/8 – 3/8" [5 – 12 cm x 3 – 10 mm]

Off-center. Pale yellow/yellow; fulvous from base upward in age. Fibrillose. Cylindrical/tapered either way; may be round or compressed; somewhat twisted. Partial veil usually leaves annular zone. Hollow.

Frequency: Fairly common.

Locations: CASCT, GONRA, HIRIP, MPENA, PIGTL, RKBRP, SAVPK, SLMLP, WESRP.



Notes: BBF says both habitats, Bar conifers only.

Synonym: *Naematoloma fasciculare*.

References: Bar 201. BBF 148, 290. Lae 86. Lin 709, 61. M&M 244. McK 269, 33. Pac 214. Phi 216. Roo 157.

Brick Top

Hypholoma lateritium



CAPS: Wincopin, 10/10/2009, *J Solem*.
 GILLS and CAPS: Wincopin, 10/10/2009, *J Solem*.
 OVERALL: Wincopin, 10/10/2009, *J Solem*.
 OVERALL: High Ridge Park, 11/24/2008, *J Solem*.

Brick Top

Hypholoma lateritium
 Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	---	++	+++	

ID: Cap brick-red/rusty-brown w/ yellowish fibrils.

Habitat: Scattered, clusters. On hardwood stumps/logs.

Cap: 1 – 4" [2.5 – 10 cm]

Brick-red w/scattered yellowish fibrils; yellow-orange near margin. Moist/dry. Smooth. Convex (broadly convex/ nearly flat in age). Margin inrolled; may have veil patches. Flesh dull yellow/pale yellowish-brown/white, thick, firm.

Gills: Whitish/pale greenish-yellow (purplish-gray/ purple-brown in age). Attached (or contact stalk but not attached). Close. Narrow.

Spores: *Purple/black*.

Stalk: 2 – 4" x 0.2 – 0.6" [5 – 10 cm x 6 – 15 mm]

Pale yellow/whitish above ring, dull brown/grayish below, covered w/ reddish-brown fibrils. Cylindrical. Partial veil leaves sparse ring/annular zone, may have thin, fibrillose ring. Hollow.

Frequency: Fairly common.

Locations: CASCT, CENPK, HIRIP, RKBRP, SLMLP, WINTR.

Notes: May grow on exposed roots of trees blown over. Also see *Hypholoma fasciculare*.

Synonyms: *Hypholoma sublateritium*. *Naematoloma sublateritium*.

References: Bar 201. BBF 148, 290. Lae 87. M&M 245. McK 270, 33. Pac 213fn. Phi 216. Roo 208. Rus 193, 92.

None

Inocybe atripes [or near]



CAP: Rockburn Branch Park, 11/23/2010, *J Solem*.
 OVERALL: Rockburn Branch Park, 11/23/2010, *J Solem*.
 GILLS and STALK: Rockburn BranchPark, 11/23/2010, *J Solem*.

None

[*Inocybe atripes*](#) [or near]
 Cortinariaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-

ID: Mixed woods. Brown (fades); conic; fibrillose/ scaly; stem brown from base up.

Habitat: Scattered, groups. On ground in mixed woods.

Cap: 0.4 – 1.5" [1.5 – 3.5 cm]
 Tawny-olive/brown (tawny in age). Broadly conic. Fibrillose to scaly. Flesh white.

Gills: Pale (tawny in age). Attached.

Spores: *Brown*.

Stalk: 1.1 – 2.4" x 1/8 – 1/2" [3 – 6 cm x 3 – 8 mm]
 Pale, brown from base up, pruinose/slightly fibrillose. Dry.

Frequency: Uncommon.

Locations: RKBPRP.

References: Phi 210.

None

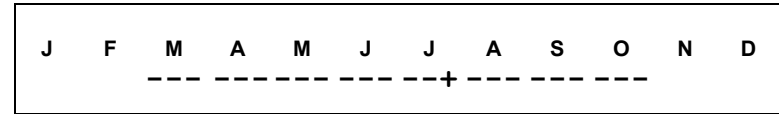
Inocybe lacera [or near]



SIDE: Big Branch, 7/27/2010, R Solem.
 GILLS: Big Branch, 7/27/2010, J Solem.

None

[*Inocybe lacera*](#) [or near]
Inocybaceae



ID: Shaggy dull brown cap and stalk.

Habitat: Scattered, groups. Sandy soil under conifers/ mixed woods.

Cap: 0.4 – 1.5" [1 – 4 cm]

Dull brown (tawny in age). Fibrillose to scaly. Margin often ragged/torn. Flesh whitish.

Gills: Whitish (grayish-brown in age). Attached/notched.

Spores: Brown.

Stalk: 1.1 – 2.4" x 1/8 – 1/2" [3 – 6 cm x 3 – 6 mm]

Grayish-brown, fibrillose. Dry.

Frequency: Uncommon.

Locations: BIGBR.

References: BBF 150, 291. Lin 630, 315. M&M 303.

Changeable Pholiota

Kuehneromyces mutabilis



CAP and GILLS: Big Branch, 11/3/2009, R Orr.
 GILLS and CAP: Big Branch, 11/3/2009, R Solem.
 SIDE: Big Branch 11/3/2009, R Solem.
 CAPS: Big Branch 11/3/2009, J Solem.
 CAPS: MPENA 10/14/2009, J Solem.
 CAPS: Big Branch 11/3/2009, J Solem.

Changeable Pholiota

Kuehneromyces mutabilis
 Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D
								---	+-	+-	

ID: Cap reddish-brown/ tawny, sticky smooth; convex (flat w/ umbo in age). Stalk off-white w/ downcurled scales below ring. Brown color of cap rubs off on fingers. Odor unpleasant.

Habitat: Clusters. On logs or stumps of hardwoods or conifers.

Cap: 0.6 – 2.4 " [1.5 – 6 cm]
 Reddish-brown to tawny; dries to ochre/yellowish-buff. Moist/sticky, smooth; brown color rubs off on fingers. Conical; convex (flat w/ umbo in age). Inrolled margin. Flesh white, soft, thin. Odor unpleasant.

Gills: Warm buff (cinnamon in age). Attached/slightly decurrent. Close. Medium/broad.

Spores: *Brown.*

Stalk: 2 – 4" x 1/16 – 5/8" [5 – 10 cm x 1.5 – 15 mm]
 Off-white/brownish. Dry. Silky above ring remnants, downcurled scales below. Equal. Hollow.

Frequency: Uncommon.

Locations: BIGBR, MPENA.

Synonym: *Pholiota mutabilis.*

References: Bar 218. BBF 226key. Lin 715, 227. M&M 263. McK 272, 33. Pac 196. Phi 203. Roo 39.

Deceiver
Common Laccaria

Laccaria laccata



SIDE: High Ridge Park, 6/18/2009, *J Solem*.
CAPS: River Hill, 11/14/2008, *S Earp*.
OVERALL: River Hill, 11/14/2008, *J Solem*.
CAP: David Force WMA, 5/20/2009, *J Solem*.
GILLS: David Force WMA, 5/20/2009, *J Solem*.

Deceiver
Common Laccaria

Laccaria laccata
Hydnangiaceae

J	F	M	A	M	J	J	A	S	O	N	D	
			+	-	+	+	+	-	+	+	+	+

ID: Cap orange/red-brown; convex (slightly depressed in age). Gills pinkish/ flesh color. Stalk often twisted/flattened.

Habitat: Solitary, groups, small clusters. On ground in wide variety of habitats (mown grass, mixed woods, in moss under pines).

Cap: 0.4 – 2.2" [1 – 6 cm]

Orange to red-brown (pale tan in age), fading in sunlight. Finely fibrillose/smooth, usually breaks up early into minute, very soft upturned scales. Dry. Convex/broadly convex, slightly depressed. Margin translucent/grooved (or not) w/ partial veil remnants. Flesh color like cap. Thin (1 mm).

Gills: Pinkish/flesh color (sometimes purplish in age); slightly waxy. Attached/notched/subdecurrent/decurrent. Close to distant. Broad. Thick to thin.

Spores: *White*.

Stalk: 0.6 – 4" x 1/8 – 3/8" [1.5 – 10 cm x 3 – 10 mm]

Orangish/red-brown (buff in age). Fibrous. Longitudinally grooved (or not); often twisted/flattened. Sometimes tapered upward or w/ slight bulb. Base whitish and hairy.

Frequency: Common.

Locations: ANNRK, BIGBR, BRNBR, DFWMA, HIRIP, HOOU, LONGC, MCLUR, NOLAP, PIGTL, RIVHL, RKBPR, SAVPK.

References: Bar 279. BBF 155, 292. Lae 115. Lin 762, 335. M&M 108. McK 156, 18. Pac 76. Phi 69. Roo 181fn. Rus 74, 29.

Purple-gilled Laccaria

Laccaria ochropurpurea



OVERALL: Long Corner, 8/7/2009, *R Solem*.
 GILLS, CAP and STALK: Long Corner, 8/7/2009, *J Solem*.
 SIDE: Long Corner, 8/7/2009, *R Solem*.

Purple-gilled Laccaria

[*Laccaria ochropurpurea*](#)
 Hydnangiaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	---	+	---	+

ID: Cap light violet-brown/purple (buff in age); finely fibrous, (slightly scaly in age or not); convex (slightly depressed in age). Gills violet/violet-gray. Stalk w/ striations/scales.

Habitat: Solitary, scattered, rarely clusters of 2 – 4. On ground in coniferous or mixed woods (especially oak-pine).

Cap: 2 – 5" [5 – 12.5 cm]
 Purple/light violet-brown/pinkish-buff (buff in age). Nearly smooth/finely fibrous (occasionally slightly scaly in age). Convex (slightly depressed in age). Flesh white/violet-buff.

Gills: Dark purple/violet/violet-gray. Attached/somewhat decurrent. Close/subdistant. Thick and waxy.

Spores: *White/pale-violet*.

Stalk: 0.6 – 1.2" [1.5 – 3.5 cm]
 Ground color light-brown/pinkish-buff (buff in age). Brownish/reddish-brown longitudinal striations/scales. Sometimes enlarged base.

Frequency: Occasional.

Locations: HOUOS, LONGC, PIGTL.

References: Bar 300. BBF 258. Lin 762, 254, 336. M&M 106. Phi 68. Roo 249. Rus 76, #30.

None

Laccaria tortilis



CAPS: Pigtail, 8/19/2009, *J Solem*.
 GILLS and STALK: Pigtail, 8/17/2009, *J Solem*.
 SIDE: Pigtail, 8/17/2009, *R Solem*.
 OVERALL: Pigtail, 8/17/2009, *R Solem*.

None

[Laccaria tortilis](#)
 Hydnangiaceae



J	F	M	A	M	J	J	A	S	O	N	D
							++	---	---	---	---

ID: Cap pinkish-brown; striate, margin undulate. Gills pale pink. Stalk color of cap.

Habitat: Scattered, groups. On sandy or bare soil in damp woods in floodplain, often on banks of streams or ponds.

Cap: 1.5 – 2.8" [0.5 – 1.5 cm]
 Pale pinkish-brown/more reddish. Dry. Scurfy. Depressed/almost funnel-shaped. Margin flesh-pink, undulate, striate when wet. Flesh = gill layer.

Gills: Pale pink; waxy. Attached. Broad. Distant.

Spores: *White*.

Stalk: 0.2 – 0.6" x 1/32 – 3/32" [4 – 14 mm x 1 – 2 mm] Color of cap. Base covered w/ white mycelium. Hollow.

Frequency: Uncommon.

Locations: BIGBR, PIGTL.

References: Bar 278 [color not true]. Rog.
http://www.fieldmuseum.org/research_collections/botany/botany_sites/fungi/species/L.tortilis/mushroom.html.

Velvety Psathyrella

Lacrymaria lacrymabunda



SIDE: High Ridge Park, 9/12/2009, J Solem.
 CAP: High Ridge Park, 9/12/2009, J Solem.
 GILLS: High Ridge, 9/12/2009, J Solem.
 GILLS, PARTIAL VEIL and STALKS: Pigtail, 5/13/2010, J Solem..

Velvety Psathyrella

[*Lacrymaria lacrymabunda*](#)
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D	
				+	-	-	-	-	-	+	-	-

ID: Cap orange-brown w/ dense, tiny silky fibrils; margin w/ veil remnants; hemispheric/curved (flat in age). Stalk w/ yellowish-brown fibrils below annular zone, whitish above.

Habitat: Solitary, groups, clusters. On ground in grassy or open wooded areas.

Cap: 0.8 – 4.8” [2 – 12 cm]
 Orange-/dark-brown. Surface covered w/ dense layer of tiny, silky fibers. Hemispheric/convex (convex to finally flat in age). Margin w/ veil remnants.

Gills: Purple-/dark-brown, edges white. Attached. Close.

Spores: *Brownish-black.*

Stalk: 1.1 – 4.8” x 1/8 – 5/8” [3 – 12 cm x 3 – 16 mm]
 Yellowish-brown. Smooth and whitish above ring (if present). Dull orange-brown fibers/scales below.

Frequency: Uncommon.

Locations: HIRIP, PIGTL.

Synonyms: *Psathyrella velutina*. *Hypholoma velutinum*. *Lacrymaria velutina*.

References: BBF 239, 307. Lin 609, 99. M&M 239. McK 285, 35. Pac 220. Phi 232. Roo 203. Rus 52, #14.

Fragrant Lactarius
Aromatic Milky

Lactarius camphoratus



OVERALL: Pigtail, 7/27/2010, J Solem.
GILLS (w/ latex): Pigtail, 8/29/2010, R Orr.
TOP: Pigtail, 8/29/2010, R Orr.

Fragrant Lactarius
Aromatic Milky

[Lactarius camphoratus](#)
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	+	+	-	-	-

ID: Small reddish-brown cap, often somewhat depressed. Latex watery-white. White mycelium. Use KOH.

Habitat: Solitary, scattered, groups. Wet ground in mixed forests.

Cap: Dark reddish-brown (sometimes rusty-brown in age). Convex w/ umbo (broadly convex/slightly depressed in age). Smooth (usually). Flesh cinnamon/whitish, brittle. Latex white or watery-white (does not stain). Odor of maple sugar (sometimes). Taste slightly bitter. KOH stains cap olive.

Gills: Whitish/pale pink (reddish in age). Attached/slightly decurrent. Close/crowded.

Spores: *White/off-white.*

Stalk: 1.2 – 3.9" x 0.4" [1.5 – 6 cm x 1 cm]
Colored like cap. Equal. Smooth or white hairs at base.

Frequency: Uncommon.

Locations: PIGTL, RKBRP.

References: BBF 163key. Lin 681, 295. M&M 92. Roo 84. Rog. Kuo.

None

Lactarius chelidonium



OVERALL, GILLS and LATEX: Rockburn Branch Park,
8/25/2010, R Orr.
GILLS, LATEX and STALK: Rockburn Branch Park, 8/25/2010, J Solem.

None

[Lactarius chelidonium](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	---	---	+	

ID: Yellow; soon funnel-shaped; Latex white, soon yellow.

Habitat: Scattered. Under pines.

Cap: 1.8 – 3.5" [3 – 9 cm]

Pale yellowish-cinnamon (nearly white in age). Convex (depressed, then funnel-shaped in age). Moist, but soon dry. Margin incurved at first. Latex copious, white, quickly changes to yellow.

Gills: Whitish/pale orange-buff. Attached/slightly decurrent. Narrow. Close.

Spores: Pale yellow.

Stalk: 1.1 – 3.1" x 3/8 – 3/4" [3 – 8 cm x 1 – 2 cm]

Whitish (orange-buff in age). Smooth. Hollow. Sometimes w/ stiff hairs at base.

Notes: Photos of *Lactarius chelidonium* var. *cheldonium*.

Frequency: Uncommon.

Locations: PIGTL, RKBRP.

References: BBF 160key. BHB 160, 65. M&M 88fn. Phi 102.

None

Lactarius chrysorrheus



CAPS (w/latex): High Ridge Park, 9/9/2009, *R Solem*.
 CUT SURFACE: High Ridge Park, 9/9/2009, *J Solem*.
 SIDE: High Ridge Park, 9/9/2009, *J Solem*.
 GILLS w/ LATEX and STALKS: High Ridge Park, 9/9/2009, *J Solem*.

None

[*Lactarius chrysorrheus*](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
							+	+			

ID: Cap pale pink; convex (funnel-shaped in age). Latex white and copious, immediately yellows.

Habitat: Solitary, scattered, clusters. On ground under hardwoods (often oak).

Cap: 1.2 – 3.9" [3 – 10 cm]
 Pale pinkish/pale cinnamon. Smooth/finely roughened, often w/ vague concentric rings. Moist or dry. Broadly convex w/ inrolled margin (shallowly depressed/funnel-shaped in age). Latex copious, white and immediately yellows. Flesh white, yellow when cut.

Gills: Whitish/pale yellowish; bruise brownish. Attached/ slightly decurrent. Close. Secondary gills.

Spores: *Yellowish*.

Stalk: 1.2 – 3.2" x 0.4 – 0.8" [3 – 8 cm x 1 – 2 cm]
 Whitish. Dry. More or less equal. Flesh white; yellows when cut. Solid; stuffed in age?

Frequency: Occasional.

Locations: HIRIP, LONGC, NOLAP, PIGTL.

Notes: 

References: Bin 133. BBF 157key. M&M 91. Phi 115. Russula Kuo.

Corrugated-cap Milky

Lactarius corrugis



SIDE: Pigtail, 8/17/2009, R Solem.
 GILLS, LATEX and STALK: Pigtail, 9/7/2009, R Solem.
 CUT SURFACE: Pigtail, 8/17/2009, J Solem.
 TOP: Pigtail, 8/17/2008, J Solem.

Corrugated-cap Milky

[*Lactarius corrugis*](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	+	+

ID: Cap reddish-brown w/ concentric rings; convex (flat in age). Latex white and sticky, stains tawny brown. Fishy odor.

Habitat: Solitary, scattered. On ground or in moss in hardwood or mixed forests.

Cap: 1.5 – 7.8" [4 – 20 cm]
 Reddish-/vinaceous-brown, paler or orange-brown margin, (often w/ white bloom). Dry. Surface velvety. Convex (nearly flat w/ depressed center in age). Margin often wrinkled/finely corrugated. Flesh white, stains brown. Latex white, copious and sticky; stains gills/flesh tawny brown. Odor fishy in age.

Gills: Pale cinnamon-/golden-brown; stains darker. Attached. Close; occasionally forked. Depth = 2X cap flesh.

Spores: *White*.

Stalk: 2 – 4.4" x 0.6 – 1.1" [5 – 11 cm x 1.5 – 3 cm]
 Pale grayish-cinnamon/pale pinkish-cinnamon, sometimes w/ whitish bloom. Dry. Velvety. Equal. Solid.

Frequency: Occasional.

Locations: LONGC, NOLAP, PIGTL.

Synonym: *L. volemus var. subrugosus*.

References: Bar 306. BBF 168, 293. Lae 52fn. Lin 682, 293. McK 329, 40. Pac 127fn. Phi 107. Roo 86. Rus 77, #31. Rog.

Deceptive Milky

Lactarius deceptivus



GILLS, LATEX, and STALKS: High Ridge Park, 7/3/2009, J Solem.
 CAP: High Ridge Park, 7/3/2009, J Solem.
 SIDE: High Ridge Park, 7/3/2009, J Solem.

Deceptive Milky

[*Lactarius deceptivus*](#)
 Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	+	---	---	---	---	---

ID: Cap whitish w/ yellowish/brownish stains; convex (broadly funnel-shaped in age). Latex stays white but stains brownish.

Habitat: Solitary, scattered, groups. On ground in mixed forests (often oak-hemlock).

Cap: 3 – 10" [7.5 – 25.5 cm]
 Whitish, often w/ yellowish/brownish stains (dull brownish-ochre in age). Convex (broadly funnel-shaped in age). Margin distinctly inrolled and cottony when young. Flesh white, thick. Latex white, unchanging, but stains tissues brownish.

Gills: White (cream/pale ochre in age). Attached. Close/ subdistant.

Spores: White/pale ochre-buff.

Stalk: 1.5 – 4" x up to 1.1" [4 – 10 cm x 3 cm]
 White. Stains brownish in age. Dry. Scurfy/nearly smooth. Stuffed.

Frequency: Uncommon.

Locations: HIRIP.

References: BBF 169, 294. Bin 139. Lin 683, 248. M&M 97. McK 329, 41. Pac 133fn. Phi 110. Roo 88.

False Saffron Milkcap
Spruce Saffron Lactarius

Lactarius deterrimus



GILLS and STALK: Browns Bridge, 10/16/2008, J Solem.
TOP: Browns Bridge, 10/16/2008, J Solem.
SIDE: Browns Bridge, 10/16/2008, J Solem.

False Saffron Milkcap
Spruce Saffron Lactarius

Lactarius deterrimus
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	+

ID: Cap yellow-gold, zoned w/ bands of rusty-orange; slippery (wet); convex (funnel-shaped in age). Latex orange, slowly stains yellow-orange, then blue-green, finally grayish-green.

Habitat: Solitary, scattered, groups. On ground in coniferous forests.

Cap: 1.1 – 5.1" [3 – 13 cm]
Yellow-gold/pinkish-orange/carrot orange, zoned w/ bands of rusty-orange; pale white/orange in center w/ greenish spots in age. Smooth, slippery when wet. Convex (broadly convex/nearly flat/funnel-shaped in age). Margin inrolled and powdery (uplifted in age). Flesh whitish/pale yellowish-orange, stains green, then grayish/grayish-brown. Latex orange, slowly staining yellow-orange, then blue/green, then grayish-green.

Gills: Yellow-gold/pinkish-orange/carrot-orange (pale salmon-buff in age); stains blue/green/gray-green. Attached/slightly decurrent. Narrow. Close.

Spores: Cream/whitish.

Stalk: 1.6 – 3" x 0.6 – 1.1" [4 – 7.5 cm x 1.5 – 3 cm]
Colored like cap, whitish at base (often w/ green/blue spots/stains in age). Dry. Smooth. Cylindrical/ tapered at base. Stuffed (hollow in age).

Frequency: Uncommon.

Locations: BRNBR.

References: BBF 170, 293. Lae 46fn. Roo 89.

Gerard's Milky

Lactarius gerardii



OVERALL: Pigtail, 8/27/2009, *J Solem*.
 GILLS w/ LATEX: Pigtail, 8/27/2009, *R Solem*.
 CAP: Pigtail, 8/27/2009, *J Solem*.

Gerard's Milky

[*Lactarius gerardii*](#)
 Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	+	-

ID: Cap purple-brown, dry, velvety; convex (flat in age). White flesh turns pinkish-orange. Latex stays white.

Habitat: Scattered, groups. On ground in hardwood (often oak)/coniferous forests.

Cap: 1.2 – 5.1" [3 – 13 cm]
 Brown/yellow-brown/tan. Dry. Velvety. Convex (broadly convex/flat in age). Margin uplifted/wavy in age. Flesh white; pinky-orange when cut. Latex white, unchanging.

Gills: Whitish/cream. Close. (Attached slightly, distant, and broad in age). Depth 4 mm (= cap flesh). Secondary gills.

Spores: *White*.

Stalk: 1.4 – 3.1" x 0.4 – 0.8" [3.5 – 8 cm x 8 – 20 mm]
 Dark-/yellow-brown. Dry. Velvety. Equal (or tapers up) w/ abruptly tapered base. Stuffed (hollow in age).

Frequency: Uncommon.

Locations: LONGC, PIGTL.

References: BBF 170, 293. Bin 141. Lin 684, 362. M&M 96fn. Phi 104. Roo 90. Rog.

Gray-brown Lactarius

Lactarius griseus



CAPS: Rocky Gorge Reservoir, 8/24/2009, *J Solem*.
 GILLS: Rocky Gorge Reservoir, 8/24/2009, *J Solem*.
 GILLS and STALKS (w/ mycelium): Rocky Gorge Reservoir, 8/24/2009, *R Solem*.

Gray-brown Lactarius

[*Lactarius griseus*](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	-	-

ID: Cap dark brown; convex/nearly flat, small umbo. Base coated w/ mycelium. Latex white and scant, dries yellowish.

Habitat: Groups, clusters. In moss or on well-decayed wood.

Cap: 0.6 – 2" [1.5 – 5 cm]
 Dark brown-/gray-purple (paler purple-/red-brown on disc, purplish-/reddish-buff on margin in age). Convex/ nearly flat w/ depressed center and small pointed umbo. Margin inrolled (expanded and uplifted in age). Flesh white/yellow. Latex white and scant, drying to yellowish.

Gills: Whitish (pinkish/purplish-buff in age). Decurrent. Broad. Close/subdistant.

Spores: *Yellowish*.

Stalk: 0.8 – 2.5" x 1/8 – 3/8" [2 – 6.5 cm x 3 – 10 mm]
 Colored like gills at apex, purplish below (pale rosy-brown in age). Dry. Equal. Base coated w/ mycelium. Hollow.

Frequency: Uncommon.

Locations: ROGOR.

Synonym: *L. glabripes*.

References: Bar 307. BBF 171, 294. M&M 99. Phi 121. Roo 91.

Buff Fishy Milky

Lactarius luteolus



SIDE: High Ridge Park, 6/21/2009, *R Solem*.
 CAP: High Ridge Park, 6/21/2009, *J Solem*.
 GILLS, LATEX and CAP: High Ridge Park, 6/21/2009, *R Solem*.

Buff Fishy Milky

[*Lactarius luteolus*](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					---	+	---	---	+	---	---

ID: Cap whitish-buff; convex. Stalk fuzzy/velvety, stains brown. Latex white and copious, stains gills brown. Unpleasant/fishy odor in age.

Habitat: Solitary, scattered, groups. In hardwood/mixed forests.

Cap: 1 – 3.1" [2.5 – 8 cm]
 Whitish/buff w/ white bloom (brownish in age). Dry. Velvety. Convex/flat (often shallowly depressed in age). Flesh white, stains brown. Latex copious, white, stains gills brown. Odor not distinctive when young, fishy/unpleasant in age.

Gills: Whitish-cream; stains yellow-brown/brown. Attached/slightly decurrent. Close. Secondary gills.

Spores: *White*.

Stalk: 1 – 2.4" [2.5 – 6 cm]
 Whitish-buff. Stains brown. Dry. Fuzzy-velvety. Nearly equal/ tapers down. Stuffed (hollow in age).

Frequency: Uncommon.

Locations: HIRIP, PIGTL.

References: BBF 173, 294. Bin 147. Lin 687, 250. Roo 95. Rog.

None

Lactarius mutabilis



CAP: High Ridge Park, 9/9/2009, J Solem.
 GILLS w/ LATEX: High Ridge Park, 9/9/2009, J Solem.

None

[*Lactarius mutabilis*](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-+	-	-	-	-	-	-

ID: Cap reddish-brown; concentric sticky zones (wet), smooth (dry); hemispheric (expanded in age). Stalk color of cap. Watery white latex unchanging.

Habitat: Solitary, scattered. On ground in coniferous/mixed forests.

Cap: 1.2 – 3.1" [3 – 8 cm]
 Dark-/walnut-/reddish-brown w/concentric bands/zones. Slightly sticky (wet)/smooth (dry). Almost hemispheric (convex/slightly depressed/expanded in age). Latex watery-white, unchanging.

Gills: Whitish; tinged yellowish/stained dingy red. Attached/subdecurrent. Close. Narrow/medium.

Spores: Creamy/whitish/yellowish.

Stalk: 1.2 – 3.1" x 0.5 – 0.8" [3 – 8 cm x 6 – 10 mm]
 Color of cap. Dry. Smooth. Stuffed.

Frequency: Uncommon.

Locations: HIRIP, LONGC.

Note: June specimen was smaller.

References: BBF 157key. Rog.

Eyespot Milky

Lactarius oculatus



OVERALL: Rockburn Branch Park, 8/25/2010, R Orr.
 TOP: Rockburn Branch Park, 8/25/2010, J Solem.
 GILLS and LATEX: Rockburn Branch Park, 8/25/2010, J Solem.

Eyespot Milky

[Lactarius oculatus](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	-	-

ID: Reddish-brown cap; watery latex.

Habitat: Scattered, groups. On ground in pines.

Cap: 0.4 – 1.8" [1 – 4.5 cm]

Orange-/dark reddish-brown, margin paler (fades in age but umbo remains darker, an "eyespot"). Broadly convex (flat w/ depressed center and small umbo). Sticky (shiny when dry). Latex watery, unchanging.

Gills: Cream/pinkish buff (stain darker in age). Attached. Close.

Spores: Pale yellow.

Stalk: 0.8 – 1.8" x 1/8 – 3/8" [2 – 4.5 cm x 3 – 10 mm]

Pinkish-brown/pinkish-orange. Equal. Moist. Hollow.

Frequency: Uncommon.

Locations: RKBRP.

References: BBF 174, 295. BHB 212, 100. M&M 100. Phi 122.

Peppery Milkcap
Peppery Milky

Lactarius piperatus



SIDE: North Laurel Park, 10/12/2008, *J Solem*.
GILLS, LATEX and STEM: Pigtail, 6/30/2009, *R Solem*.

Peppery Milkcap
Peppery Milky

Lactarius piperatus
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D				
					-	+	-	-	+	+	+	-	-	-	-

ID: Cap buff; convex/flat (funnel-shaped in age). Stalk white. Latex white/cream, may dry brownish. Pronounced odor, acrid taste.

Habitat: Scattered, groups. On ground in hardwood or mixed forests.

Cap: 2 – 4.7" [5 – 12 cm]

Buff/pinkish tan. Often zonate, smooth. Convex/flat/ funnel-shaped. Margin inrolled, hairy (smooth/wrinkled in age). Flesh white/pinkish tan. Latex white/cream; unchanging or may dry pale green/brownish. Taste acrid. Pronounced odor.

Gills: White/cream tinged w/ pink; bruise brown. Decurrent. Close/very crowded. Narrow, often forked.

Spores: Cream/white.

Stalk: Up to 2.8" x 1.2" [7 cm x 3 cm]
White/flesh-colored. Dry. Smooth. Solid.

Frequency: Fairly common.

Locations: BIGBR, HIRIP, LONGC, MPENA, NOLAP, PIGTL, RKBRP.

Notes: Bitter acrid taste grows stronger. Do not swallow!

References: Bar 309. Bin 153. BBF160key. Lae 43. M&M 97. McK 333, 41. Pac 121. Phi 109. Rus 79, 33. Kuo. Rog. http://www.first-nature.com/fungi/id_guide/russulaceae/lactarius_piperatus.htm

None

Lactarius quietus



OVERALL: Pigtail, 8/31/2010, R Orr.

None

[Lactarius quietus](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
							--+	---	---		

ID: Purplish-brown. Latex white/ watery. Use KOH.

Habitat: Scattered, groups. On ground among oaks.

Cap: 1.2 – 4.4 [3 – 11 cm]

Dark purplish-brown/purplish-gray (dark red-brown in center, paler margin in age). Broadly convex (flat w/ depressed center in age). Cap w/ white fibrils (smooth in age). Odor of burnt sugar (or not). Latex white when young, watery in age. Cap stains pale brown w/ KOH.

Gills: White/whitish w/ pink tints (stain orange-cinnamon in age). Attached. Narrow. Close.

Spores: Pinkish-buff.

Stalk: 1.1 – 5.5" x 1/4 – 3/8" [4 – 14 cm x 5 – 10 mm]

Covered w/ white fibrils (smooth and color of cap in age, darkening toward top). Equal or base slightly enlarged. Solid becoming hollow.

Frequency: Uncommon.

Locations: PIGTL.

Note: Photo of *L. quietus* var *incanus*.

References: Bin 155. BBF 176, 295. BHB 230, 112-3. Roo 101.

Sulphur-milk Lactarius

Lactarius theiogalus



OVERALL: Big Branch 6/7/2010, R Solem.
GILLS, LATEX and STEM: Big Branch 6/7/2010, J Solem.

Sulphur-milk Lactarius

[*Lactarius theiogalus*](#)
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D	
					+	-	-	-	-	-	+	+

ID: Cap cinnamon/orange; convex, funnel-shaped in age. Base coated w/ mycelium. Latex white, may dry yellowish.

Habitat: Groups, clusters. Wet ground in leaf litter or in moss in mixed woods.

Cap: 0.8 – 2.8" [2 – 7 cm]
Cinnamon to orange-/reddish-brown. Surface smooth. Convex (flat to funnel-shaped in age). Margin inrolled. Flesh white (yellow from latex). Latex white, may dry yellowish, becomes bitter tasting.

Gills: Pinkish-cinnamon (darker in age). Attached/decurrent. Close/subdistant.

Spores: *White*.

Stalk: 1 – 2" x 1/4 – 3/8" [2 – 6.5 cm x 6 – 10 mm]
Colored like cap or paler. Smooth. Equal/swollen at base. Base coated w/ mycelium. Hollow in age.

Frequency: Uncommon.

Locations: BIGBR, HIRIP.

Synonym: *L. theiogalus*.

Notes: Varieties may have a different preferred name.

References: BBF 165key. Phi 125. Roo 106.

Yellow Latex Milky

Lactarius vinaceorufescens



CAP: Browns Bridge, 10/16/2008, J Solem.

GILLS and LATEX: Browns Bridge, 10/16/2008, J Solem.

Yellow Latex Milky

[*Lactarius vinaceorufescens*](#)

Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	++	-

ID: Cap pinkish-cinnamon (darkens in age); smooth; nearly flat (slightly depressed in age). Stalk pinkish-white. Latex white, rapidly turns sulphur-yellow.

Habitat: Scattered, groups. On ground in coniferous forests.

Cap: 1.6 – 4.8" [4 – 12 cm]

Pale pinkish-cinnamon; pinkish-buff at margin (darker pinkish-/orange-cinnamon in age). Smooth. Convex (broadly convex/nearly flat/slight depression in age). Margin inrolled (expanded/uplifted/uneven in age). Flesh white/pinkish, gradually stains bright sulphur-yellow; moderately thick. Latex white, rapidly turns sulphur yellow.

Gills: Whitish/pinkish-buff (spotted vinaceous red/pinkish-brown/dark reddish-brown in age). Close.

Spores: White/cream/yellowish.

Stalk: 1.6 – 2.8" x 0.4 – 1" [4 – 7 cm x 1 – 2.5 cm]

Pinkish-white (darkening in age). Nearly smooth. Cylindrical/slightly expanded downward. Stuffed/hollow. White/brownish stiff hairs at base.

Frequency: Occasional.

Locations: BIGBR, BRNBR, NOLAP, PIGTL.

References: BBF 179, 296. Lin 695, 288. M&M 91fn. Roo 108.

Voluminous-latex Milky
Apricot Milky Cap

Lactarius volemus



CAP: North Laurel Park, 8/30/2009, *J Solem*.
SIDE: North Laurel Park, 8/30/2009, *J Solem*.
GILLS and LATEX: North Laurel Park, 8/30/2009, *J Solem*.
OVERALL: High Ridge Park, 6/30/2009, *R Solem*.

Voluminous-latex Milky
Apricot Milky Cap

Lactarius volemus
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	-	-	-	-

ID: Cap orange-brown, margin paler (fades in age); broadly convex (funnel-shaped in age). Latex white, dries brown. Foul odor in age.

Habitat: Solitary, scattered, groups. On ground in hardwood/ mixed forests.

Cap: 2 – 4" [5 – 10 cm]

Orange-/cinnamon-brown in center, paler toward margin (fades in age). Wide, broadly convex (broadly funnel-shaped in age). Margin inrolled w/ veil remnants; ages brownish. Flesh (6 mm) pale yellow; bruises brown. Latex white, dries dark brown/black. Develops foul (fishy) odor in age.

Gills: Whitish-cream; bruise tawny-brown. Broad. Decurrent, often forked. Depth 6 – 10 mm.

Spores: *White*.

Stalk: 2 – 4.5" [5 – 11.5 cm]

Pale orange-brown/dull orange. Nearly smooth. Equal/ tapers to base. Stuffed (sometimes hollow in age).

Frequency: Occasional.

Locations: CASCT, HIRIP, NOLAP, PIGTL, SAVPK.

References: BBF 180, 297. Bin 163. Lae 54. Lin 696, 291. M&M 95. McK 340, 40. Pac 127. Roo 109. Rus 82, #35.

Stalked Lentinus
Navel Sawgill

Lentinellus flabeliformis .



SIDE: Pigtail, 10/8/2010, R. Orr.
GILLS and STALKS: Pigtail, 6/2/2010, J Solem.
TOP: Pigtail, 6/2/2010, J Solem.

Stalked Lentinus
Navel Sawgill

[Lentinellus flabeliformis](#)
Auriscalpiaceae

J	F	M	A	M	J	J	A	S	O	N	D			
					+	-	-	-	-	-	+	-	-	-

ID: Cap brownish, hygrophanous, center depressed in age. Gills serrated. Taste acrid.

Habitat: Solitary, small groups. On hardwoods and conifers (sometimes on moss).

Cap: 1/4" – 2" [0.5 – 5 cm]
Brownish/pinkish, hygrophanous. Smooth. Convex/nearly flat (center depressed in age). Taste acrid.

Gills: Off-white, beige; serrated. Attached (almost decurrent), subdistant.

Spores: *Off-white/buff.*

Stalk: 1/4 – 2" x 1/32 – 1/8" [0.7 – 5 cm x 1 – 4 mm]
Brown overall. Central to eccentric. Dry, tough.

Frequency: Uncommon.

Locations: PIGTL.

Synonyms: *L. ompalodes*. *L. bisus*. *Lentinus ompalodes*.

References: BBF 182, 297. Lin 764, 297. Phi 241. Kuo.

Bear Lentinus

Lentinellus ursinus



SIDE (white spores on top): Pigtail, 11/21/2009, R Orr.
TOP: Pigtail, 11/21/2009, R Orr.
OVERALL: Rckburn Branch Park, 6/16/2009, R Solem.
GILLS: Big Branch, 10/9/2009, J Solem.

Bear Lentinus

Lentinellus ursinus
Auriscalpiaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
					+	+	+	+	+	+	+

ID: Cap velvety w/ dark brown center and paler margin; semicircular and nearly flat w/ appressed light hairs. Gills serrated. Odor.

Habitat: Clusters. On hardwood logs and branches (especially oak, maple, beech).

Cap: 1 – 4" [2.5 – 10 cm]
Darker brown in center, paler toward margin. Velvety w/ fibrils. Cuticle tough. Semicircular/convex/nearly flat. Margin inrolled w/ appressed light hairs, veil remnants. Flesh whitish/pale brownish, firm. Definite odor when cut. Taste acrid.

Gills: Pinky-brown/yellow-tan; serrated. Close/ subdistant, radiate from point of attachment. Depth 5 – 7 mm.

Spores: *White*.

Stalk: None.

Frequency: Occasional.

Locations: BIGBR, MPENA, PIGTL, RKBRP.

References: Bar 293. BBF 182, 297. Bin 365. Lae 178fn. Lin 765, 502. M&M 146. McK 159, 17. Roo 21.

Hairy Panus
Ruddy Panus

Lentinus strigosus



OVERALL: MPENA, 5/17/2010, *J Solem*.
GILLS: MPENA, 5/17/2010, *J Solem*.

Hairy Panus
Ruddy Panus

Lentinus strigosus
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D	
				-+	-	-	-	-	-	-	-	-

ID: Densely hairy cap; fan-shaped. Bitter taste.

Habitat: Solitary, clusters. On hardwoods.

Cap: 1 – 3" [2.5 – 7.5 cm]

Pinkish-tan/reddish-brown (purple tints when young, paler in age).
Densely hairy, velvety/fuzzy. Fan-/funnel-shaped, sometimes lobed.
Margin inrolled and hairy. Flesh white, thin, tough. Taste bitter.

Gills: White to tan. Close, narrow.

Spores: White/off-white toward cream.

Stalk: Pinkish-tan/light reddish-brown. Short, stubby, lateral, hairy.

Frequency: Uncommon.

Locations: MPENA.

Synonyms: *Lentinellus strigosus*. *Panus rudis*.

References: BBF 184, 297. Bin 367. Lin 791, 505. M&M 141.
Roo 144.

Sharp-scaled Lepiota

Lepiota aspera



SIDE: Savage Mill Trail, 9/19/2008, J Solem.
TOP: Savage Mill Trail, 9/19/2008, J Solem.
OVERALL: Savage Mill Trail, 9/19/2008, J Solem.

Sharp-scaled Lepiota

[*Lepiota aspera*](#)
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	+	---		

ID: Cap white w/ cinnamon-brown scales (easily wiped off); convex (nearly flat in age), umbo sometimes. Gill edges sometimes toothed. Stalk white; ring often collapses.

Habitat: Solitary, scattered, groups. On ground or decayed wood in forests (especially hardwood).

Cap: 0.8 – 4.4" [2 – 11 cm]
White w/ reddish-/cinnamon-brown scales. Dry. Smooth; when small has erect, pointed scales (easily wiped off). Convex (broadly convex/nearly flat in age), sometimes w/ umbo. Flesh white.

Gills: White; edges sometime toothed. Nearly free. Close. Narrow.

Spores: White.

Stalk: 0.8 – 4.4" x 3/8 – 5/8" [5 – 11 cm x 1 – 1.6 cm]
White. Smooth. Cylindrical, somewhat bulbous. White partial veil leaves white ring w/ reddish-brown scales on margin; ring often collapses.

Frequency: Uncommon.

Locations: SVMLT.

Synonym: *Lepiota acutesquamosa* [complex].

References: BBF 188, 298. Lin 513, 163. M&M 56. McK 240, 29. Pac 27.

Flowery Blewit

Lepista irina



OVERALL: Annapolis Rock, 10/14/2008, J Solem.
GILLS and CAPS: Annapolis Rock, 10/14/2008, J Solem.
SIDE: MPENA, 10/3/2009, R Solem.

Flowery Blewit

[*Lepista irina*](#)
Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D		
							-	-	-	-	+	+	+

ID: Cap whitish (pinkish-buff in age); smooth (dry)/viscid (wet); convex (flat in age). Sometimes lobed/wavy. Stalk whitish, smooth/scurfy (often grooved in age); club-shaped.

Habitat: Scattered, groups. On ground or duff in coniferous or mixed forests.

Cap: 1.6 – 5.1” [4 – 13 cm]
Whitish; buff/pinkish-buff in age. Smooth. Dry; sticky; sometimes w/ water spots or pitted. Convex (broadly convex/flat, may have low umbo in age). Margin inrolled and cottony (expanded and smooth in age), often lobed/ wavy. Flesh whitish/pinkish, thick.

Gills: Whish; pale pinkish-buff in age. Attached/subdecurrent/notched(?). Crowded. Depth 5 mm.

Spores: Pale pinkish-buff/grayish-pink/off-white.

Stalk: 1.6 – 3.1” x 0.4 – 1” [4 – 8 cm x 1 – 2.5 cm]
Whitish/pale tan (tan in age). Stains brownish. Dry. Smooth/scurfy (often longitudinally grooved in age). Cylindrical/tapered upward. Base sometimes bulbous/club-shaped. Solid.

Frequency: Occasional.

Locations: ANNRK, GUIPK, MPENA, RKBPR.

Notes: 

Synonym: *Clitocybe irina*.

References: Bar 280. BBF 84, 277. Lae 57. M&M 186. McK 141, 16. Roo 242.

American Lepiota
Reddening Lepiota

Leucoagaricus americanus



OVERALL (young): High Ridge Park, 9/12/2009, *J Solem*.
 SIDE w/RING and STALKS: Big Branch, 8/21/2009, *R Solem*.
 GILLS and CAPS: High Ridge Park, 9/12/2009, *J Solem*.
 GILLS, RINGS and STALKS: Big Branch, 8/21/2009, *R Solem*.

American Lepiota.
Reddening Lepiota.

[Leucoagaricus americanus](#)
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	+++	--		

ID: Cap white (reddish in age) w/ reddish-brown scales (easily wiped off); hemispheric (flat/slightly depressed in age). Stalk swollen at base. Flesh white; stains yellow-orange, then grayish-red.

Habitat: Groups, clusters. On stumps, wood chips, sawdust, mulch piles, or mown grass.

Cap: 0.8 – 4.3" [2 – 11 cm]

White (reddish in age) w/ center brownish. Pinkish-/reddish-brown small, erect, pointed scales (easily wiped off in age). Dry. Hemispheric/convex (nearly flat/slightly depressed in age), often w/ umbo. Margin striate. Flesh white, stains yellow/yellow-orange, then grayish-red.

Gills: White. Reddish/brownish in age. Free. Close. Broad.

Spores: *White/off-white*.

Stalk: 3 – 5" [7.6 – 12.7 cm]

White, stains yellow-orange (stains red in age). Usually enlarged in middle, swollen at base. White membranous ring (may disappear early). Flesh stains yellow/yellow-orange. Solid (hollow in age).

Frequency: Fairly common.

Locations: BIGBR, HIRIP, PIGTL, RKBRP, SUKBR, WESRP.

Synonyms: *Lepiota americana*. *Leucocoprinus americana*.

References: BBF 185key. M&M 54. McK 244, 29. Phi 35. Rus 83, 36. Kuo.

Smooth Parasol

Leucoagaricus leucothites



OVERALL, GILLS and STALK: Rockburn Branch Park, 9/14/2008, J Solem.

Smooth Parasol

[*Leucoagaricus leucothites*](#)
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
								-+	- - -	- - -	

ID: Cap white/grayish, smooth or slightly rough w/ small scales; egg-shaped (convex/ nearly flat in age). Stalk white (may stain yellow); double-edged ring, often moveable.

Habitat: Scattered, groups. Grassy areas.

Cap: 2 – 4.8” [5 – 12 cm]

White/dull-white/grayish; sometimes stains yellow. Dry. Smooth/slight roughness w/ small scales. Egg-shaped (convex/nearly flat in age). Margin w/ partial veil remnant. Flesh white/tan (not staining).

Gills: White, pinkish/grayish/pale brown in age. Free, close, broad.

Spores: *White/gray/cream.*

Stalk: 2 – 4.8” x 0.4 – 0.8” [5 – 12 cm x 1 – 2 cm]

White; may stain yellow. Dry. Partial veil leaves double-edged ring (often movable). Stuffed (hollow in age).

Frequency: Uncommon.

Locations: RKBPRP.

Synonyms: *L. naucinus. L. naucinoides. Lepiota naucinoides. L. naucina.*

References: Bar 245. BBF 189, 298. Lin 519, 121. M&M 55. McK 243, #29. Phi 35. Roo 70. Rus 161, #77.

Red-tinged Lepiota

Leucoagaricus rubrotinctus



OVERALL: MPENA, 8/19/2010, *J Solem*.
RING and CAP: MPENA, 8/19/2010, *J Solem*.
GILLS and STALK: MPENA, 8/19/2010, *J Solem*.

Red-tinged Lepiota.

[*Leucoagaricus rubrotinctus*](#)
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	---		

ID: Reddish-/coral-pink; rounded; white stalk w/ ring.

Habitat: Solitary, scattered, groups. On ground in hardwoods, on compost, on leaf litter.

Cap: 1.1 – 3.1" [3 – 8 cm]

Reddish/brownish-pink (coral-pink/pinkish-orange/brownish-pink in age). Rounded (convex/flat w/ unbo in age). Margin often torn/cracked. Smooth/dry (cracked/covered w/ tiny scales in age). Disc remains uncracked/smooth and darker red-brown/coral-pink. Flesh white.

Gills: White w/ no staining. Free. Close. Narrow.

Spores: White.

Stalk: 2 – 5.8" x 1/8 x 3/8" [5 – 15 cm x 3 – 10 mm]

White (sometimes discolored in age). Equal/ tapers up. White membranous veil forms superior ring. Hollow in age.

Frequency: Uncommon.

Locations: MPENA.

Synonym: *Lepiota rubrotincta*.

References: Bar 243. BBF 189, 298. Lin 523, 159. Phi 37. Kuo.

White Leucopax

Leucopaxillus albissimus



OVERALL: Rocky Gorge Reservoir, 10/6/2008, *J Solem*.
 CAP, GILLS and BURIED WOOD SUBSTRATE: Rocky Gorge Reservoir, 10/6/2008, *J Solem*.

White Leucopax

[*Leucopaxillus albissimus*](#)
 Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	+	-

ID: Cap white, smooth/lumpy; convex (flat in age). White mycelium at base.

Habitat: Scattered, groups. On ground, leaves (needles), or buried wood in forests.

Cap: 1 – 3.8” [2.5 – 9.5 cm]

White (pale yellow-brown in age or not). Dull, smooth (finely cracked and breaking into tiny irregular patches in age). Convex (nearly flat in age). Margin inrolled (even in age), often finely grooved, sometimes lobed. Flesh (4 mm) white.

Gills: White. Attached/decurrent. Close/crowded. Secondary gills.

Spores: *White*.

Stalk: 1.1 – 2.8” x 0.2 – 0.6” [3 – 7 cm x 6 – 16 mm]

Often off-center. White. Tapered upward. Base typically covered w/ white mycelium and trapped debris. Stuffed.

Frequency: Uncommon.

Locations: ROGOR.

References: BBF 192, 299. Lin 767, 239. M&M 120. McK 161, 18. Phi 67. Kuo. Rog.

None

Leucopaxillus laterarius



SIDE: North Laurel Park, 11/2/2008, *J Solem*.
 GILLS and STALK: North Laurel Park, 11/2/2008, *J Solem*.
 OVERALL: North Laurel Park, 11/2/2008, *J Solem*.

None

[*Leucopaxillus laterarius*](#)
 Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
										+	-

ID: Cap dull white (or pinkish), smooth, obtuse. White mycelium at base. Taste mealy/ bitter.

Habitat: Scattered, groups. On ground/leaves (needles)/buried wood in forests.

Cap: 1.4 – 7” [3.5 – 18 cm]
 Dull-white/white w/dull-pinkish tinge. Smooth. Obtuse/ convex. Margin inrolled at first, often finely grooved. Flesh (4 mm) white, firm. Taste bitter.

Gills: White. Attached. Close/crowded. Depth 3 mm.

Spores: *White*.

Stalk: 1.6 – 3.9” x 0.4 – 0.8” [4 – 10 cm x 1 – 2 cm]
 White. Expands at base. Base typically covered w/ white mycelium.

Frequency: Uncommon.

Locations: NOLAP.

References: BBF 192key. M&M 120. Mck 163, 18. Kuo.

Fried Chicken Mushroom

Lyophyllum decastes



OVERALL: North Laurel Park, 11/6/2010, J Solem.
GILLS, STALK and CAPS: North Laurel Park, 11/6/2010, J Solem.

Fried Chicken Mushroom

[*Lyophyllum decastes*](#)
Lyophyllaceae



J	F	M	A	M	J	J	A	S	O	N	D
---	+				---	---	---	---	---	+++	---

ID: Yellowish-brown convex/flat cap; whitish gills.

Habitat: Usually large clusters. Various (on ground in forests, edge of trails, woodland edges, grassy areas).

Cap: 2 – 5" [5 – 12.5 cm]
Gray/grayish-yellow/yellowish-brown. Convex (nearly flat in age). Smooth. Moist. Flesh whitish. Odor and taste not distinctive (but variable).

Gills: Whitish (little/no color change when bruised). Attached/subdecurrent. Close. Secondary gills.

Spores: *White*.

Stalk: 2 – 4" x 1/4 – 3/4" [5 – 10 cm x 2 – 20 mm]
White (soon brownish below). Smooth. Dry.

Frequency: Uncommon.

Locations: NOLAP. ORRBB.

References: Bar 281. BBF 195, 299. Lin 768, 266. M&M 115. Phi 56. Kuo.

Parasol Mushroom

Macrolepiota procera



OVERALL: Beaverbrook, 8/2009, *R Orr*.
 CAP and STALK: Schooley Mill Park, 9/13/2008, *J Solem*.
 CAP, RING and STALK: Schooley Mill Park, 9/13/2008, *J Solem*.

Parasol Mushroom

[*Macrolepiota procera*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	---	---	

ID: Cap brown, dry and smooth when young (whitish w/ dingy scales and dark umbo in age); convex (broadly convex in age). Gill edges fringed. Stalk somewhat bulbous; movable ring.

Habitat: Solitary, small groups. On ground along paths in forests.

Cap: 2.8 – 8” [7 – 25 cm]

Whitish (dingy grayish/brownish between brown scales w/ dark umbo in age). Dry. Smooth when young. Convex (convex/broadly convex in age). Flesh white (sometimes tinged reddish).

Gills: White (brown/pinkish in age); edges fringed. Free. Close. Broad.

Spores: White.

Stalk: 2 – 5.9” x 0.4 – 0.8” [14 – 20 cm x 5 – 15 mm]

White at top, shades of brown at bottom. Tapered upward, occasionally bulbous. Thick-edged movable ring. Flesh stains yellow-orange/saffron.

Frequency: Uncommon.

Locations: ORRB, SLMLP.

Synonyms: *Lepiota procera*. *Leucoagaricus procerus*. *Leucocoprinus procera*.

References: Bar 245. Lae 165. Lin 520, 172. M&M 53. McK 245, 29. Pac 20. Phi 34. Roo 72. Rus 85, 37. Kuo.

White Marasmius

Marasmiellus candidus



GILLS: Long Corner, 11/9/2009, R Orr.
 CAPS: MPENA, 8/2/2009, J Solem.
 OVERALL: MPENA, 8/2/2009, R Solem.

White Marasmius

[*Marasmiellus candidus*](#)
 Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	+	+	-	-	-

ID: Cap white, minutely hairy; convex, margin grooved. Stalk shiny white.

Habitat: Groups, in rows. On twigs and stems (especially of *Rubus*) in wet weather.

Cap: 0.4 – 1.2 “ [1 – 3 cm]
 White/translucent (spotted in age). Dry, minutely hairy. Convex/flat, radially grooved. Margin folded/wavy.

Gills: White/pinkish. Attached. Distant. Moderately broad w/ marked crossveins.

Spores: White.

Stalk: 0.4 – 0.8” x 1/32 –1/16” [1 – 2 cm x 1 – 1.5 mm]
 Central/off-center. Shiny-white; blackish toward base. Cylindrical, curved. Solid.

Frequency: Occasional.

Locations: HENPV, LONGC, MPENA, PIGTL.

Synonyms: *Marasmius candidus*. *Marasmiellus albuscorticis*. *M. magnisporus*.

References: Bar 264. Lae 139fn. Lin 770, 488. Pac 30fn.

None

Marasmius capillaris



GILLS: MPENA, 8/2009, R Solem.

OVERALL: Western Regional Park, 9/28/2008, J Solem.

None

[Marasmius capillaris](#)
Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
				---	+++	---	+++	+++	+++	+-	

ID: Cap yellowish, lighter center w/ small depression; margin grooved. Gills attached to collar. Stalk darker at base in age.

Habitat: Groups, never clustered. On oak leaves.

Cap: 1/8 – 3/4 " [3 – 20 mm]

White/yellowish/rarely pale orange; white/yellowish at center. Convex w/ small depression in center. Margin grooved. Flesh white, very thin at margin.

Gills: White/pale yellow. Attached to collar (free or collapsed onto upper stalk). Narrow/rather broad.

Spores: White.

Stalk: 0.6 – 3.5" x <1/32" [1.5 – 8.5 cm x 0.3 – 1 mm]

Yellowish-white/pale yellow at top (reddish-/dark-/ blackish-brown overall in age). Typically wiry, curled (or not). Sometimes tiny bulb at base; minimal rhizomorphs brown/blackish.

Frequency: Common.

Locations: BIGBR, CASCT, HENPV, HIRIP, HOLLO, HOUOS, LONGC, MPENA, SUKBR, WESRP.

Notes: Contrast w/ *M. rotula* which grows in clusters on dead wood.

References: Bar 264. Lin 774. Kuo.

None

Marasmius cohaerens



OVERALL: High Ridge Park, 9/9/2009, R Solem.
 GILLS and CAPS: High Ridge Park, 9/9/2009, R Solem.
 CAP: High Ridge Park, 9/9/2009, J Solem.

None

[Marasmius cohaerens](#)
 Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+-	++	---		

ID: Cap reddish-brown (lighter in age); convex/flat. Stalk darkens from base up, hairy; pale yellow mycelium.

Habitat: Solitary, groups. On leaf litter/woody debris in hardwood forests (oak-hickory or beech-maple).

Cap: 0.4 – 2 “ [1 – 3.5 cm]
 Yellowish-/reddish-brown, sometimes fading along margin (lighter in age). Smooth/somewhat wrinkled. Broadly convex/flat. Margin striated.

Gills: Pale (tan/light brown in age). Attached. Distant (or nearly).

Spores: *White/cream.*

Stalk: 0.4 – 0.8” x 1/32 –1/16” [3 – 8 cm x 3 mm]
 Yellowish-brown (soon darkening from base up to dark brown). Dry. Equal; straight/slightly curved. Whitish/ pale yellow mycelium.

Frequency: Occasional.

Locations: HIRIP, LONGC, MPENA.

References: Bar 262. BBF 199-200key. Lin 771, 38. Phi 88. Kuo.

Fairy Ring Mushroom

Marasmius oreades



OVERALL: UMDCF, 8/30/2009, *R Orr*.

CAP, GILLS and STALK: UMDCF, 8/30/2009, *J Solem*.

Fairy Ring Mushroom

[*Marasmius oreades*](#)
Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
				-	-	-	-	-	+	-	-

ID: Cap yellowish-white/tan; broadly bell-shaped w/ broad umbo. Stalk yellowish-white above, brownish below.

Habitat: Scattered, fairy rings/arcs. In grass (lawns).

Cap: 0.4 – 1.8" [1 – 4.5 cm]

Tan/yellowish-white/brown. Shiny and smooth (wet), dull (dry). Broadly bell-shaped w/ broad umbo. Flesh white, thick.

Gills: Pale tannish/yellow. Free/attached. Close/distant. Narrow (broad in age). Rather thick.

Spores: *White*.

Stalk: 0.4 – 2.8" x 1/8" or larger [1 – 7 cm x 2 – 5 mm]

Yellowish-white/orangish at apex, more brownish below. Flexible but tough.

Frequency: Uncommon.

Locations: UMDCF.

References: Bar 262. BBF 200, 300. Lae 117. Lin 772, 17, 18. M&M 196. McK 166, 19. Pac 31. Phi 88. Roo 182. Rus 37, #9.

None

Marasmius pulcherripes



OVERALL: Schooley Mill Park, 9/13/2008, *J Solem*.

OVERALL: Duvall Road, 6/12/2009, *J Solem*.

None

[Marasmius pulcherripes](#)
Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	-	-

ID: Cap bright pinkish-brown, smooth and dry, revives when wet; convex, margin grooved. Stalk black, wiry.

Habitat: Scattered, groups. On ground in forests.

Cap: 1/8 – 1/2" [4 – 12 mm]

Bright pinkish-brown/red-brown. Dry (reviving when wet). Smooth. Convex/bell-shaped, grooved. Flesh thin.

Gills: Whitish. Attached. Narrow. Distant.

Spores: White.

Stalk: Up to 2" x ca. 1/32" [5 cm x 0.3 – 1 mm]
Black. Wiry.

Frequency: Occasional.

Locations: SLMLP, SUKBR, TUFTS.

References: Bar 263. Lin 776.

Horsehair Fungus
Pinwheel Marasmius

Marasmius rotula



OVERALL: Henryton, 10/26/2009, R Orr.
GILLS AND STALKS: Duvall Road, 6/12/2009, R Solem.
OVERALL: Duvall Road, 6/12/2009, J Solem.

Horsehair Fungus
Pinwheel Marasmius

[Marasmius rotula](#)
Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
				---	++	++	++	---	---		

ID: Cap whitish; hemispheric w/ small depression. Gills attached to collar. Stalk yellowish-brownish above, darker at base and in age.

Habitat: Groups on dead wood.

Cap: 1/8 – 3/4" [3 – 20 mm]
White/yellowish. Convex/hemispheric w/ small depression. Flesh thin.

Gills: White/pale yellow. Attached to collar. Narrow to rather broad. Distant.

Spores: ?

Stalk: 0.6 – 3.5" [1.5 – 8.5 cm]
Yellowish-white/brownish at apex; reddish/blackish- brown in age. Sometimes tiny bulb at base.

Frequency: Fairly common.

Locations: CASCT, HOLLO, HOUOS, MPENA, RKBPR, TUFTS, WESRP.

Notes: At least 5 varieties distinguished by color/odor (BBF). Contrast w/ *M. capillaris* which grows on oak leaves.

References: Bar 265. BBF 201, 300. Lae 177. Lin 774, 2. M&M 196. McK 167, 19. Pac 33. Phi 90. Roo 158.

Orange Pinwheel Marasmius

Marasmius siccus



OVERALL: Pigtail, 7/15/2010, J Solem.
 OVERALL: MPENA, 8/19/2010, R Orr.
 CAP and GILLS: Pigtail, 7/15/2010, R Solem.

Orange Pinwheel Marasmius

Marasmius siccus
 Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	+	+	---	---		

ID: Orange/yellowish-brown, bell-shaped, strongly grooved. Gills white/pale yellow. Long stalk.

Habitat: Scattered, groups. Decaying leaves, twigs, conifer needles (white pine).

Cap: 1/8 – 1 “ [3 – 25 mm]
 Orange/reddish-orange/yellowish-brown (fading to orange-yellow/brownish-orange). Surface roughened. Cushion-/bell-shaped (convex, disc depressed in age), strongly grooved. Flesh white, thin.

Gills: White/pale yellow. Notched or free. Distant.

Spores: White.

Stalk: 0.8 – 2.8” x 1/32” [2 – 7 cm x 0.2 – 1 mm]
 Yellowish (darkens to brown from bottom up). Cylindrical; equal; hollow.

Frequency: Uncommon.

Locations: MPENA, PIGTL.

References: Bar 263. BBF 202, 301. Lin 775, 67. M&M 198. McK 168, 19. Phi 90.



CAP: Wincopin,10/29/2010, J Solem.

GILLS and STALK: Wincopin,10/29/2010, J Solem.

CLOSEUP OF GILLS: Wincopin,10/29/2010, J Solem.

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	+ +

ID: Light yellow to tan, convex, margin uplifted in age. Gills white/pale orangish-yellow.

Habitat: Scattered, groups. Decaying deciduous leaves.

Cap: 0.8 – 2.5 " [2 – 6.5 cm]

Light yellow/orangish in spots at edge (tan in age). Moist. Convex/broadly umbonate (especially in age). Margin uplifted in age. Flesh white/yellowish-white. Taste peppery.

Gills: Yellowish-white/pale orangish-yellow. Attached but often receding. Narrow. Close/crowded. Secondary gills.

Spores: *White/cream/yellowish.*

Stalk: 1 – 3.5" x 1/8 – 3/8" [2.5 – 8.5 cm x 3 – 9 mm]

White/pale yellow. Hollow. Yellow mycelium binds to mat of leaves.

Frequency: Uncommon.

Locations: RKBPR, WINTR.

Notes: Top photo is an older specimen. Identification based on macro characteristics. May be confused with *Gymnopus strictipes*.

Synonyms: [Original description] *Collybia strictipes*. *Gymnopus strictipes*.

References: BBF 202, 301. Lin 776, 32. Phi 73. Kuo. Rog.

Broad Gill

Megacollybia platyphylla



OVERALL: Long Corner, 6/27/2009, J Solem.
 CAP: Long Corner, 6/27/2009, J Solem.
 SIDE: Long Corner, 6/27/2009, J Solem.
 GILLS: Long Corner, 6/27/2009, R Solem.

Broad Gill

[Megacollybia platyphylla](#)
 Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
				--+	+++	+++	+++	++-	---		

ID: Cap dull brownish-gray, streaked w/ dark radial fibers. Stalk white, dry; not easily detached from cap; rhizomorphs at base.

Habitat: Solitary, scattered, groups, clusters. On or near decaying hardwoods.

Cap: 1 – 6” [2.5 – 15 cm]
 Dull brownish-gray (center darker); streaked w/ dark radial fibers. Dry/moist. Smooth. Convex/nearly flat. Flesh white, moderately thick in center.

Gills: White/grayish; margin wavy. Attached. Subdistant. Very broad. Thick (13 mm). Secondary gills.

Spores: *White*.

Stalk: 3 – 5” x 0.4 – 1.2” [7.5 – 12.5 cm x 1 – 3 cm]
 White. Dry. Does not detach easily from cap. White, thick rhizomorphs. Equal/tapers down. Hollow.

Frequency: Common.

Locations: BIGBR, CASCT, HENPV, HOUOS, LONGC, MPENA, NOLAP, OTHER, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Synonym: *Tricholomopsis platyphylla*.

References: Bar 302. BBF 203, 301. Lae 66. Lin 807, 265. M&M 175. McK 194, 20. Phi 53. Roo 209. Rus 86, #38.

None

Melanoleuca alboflavida



OVERALL: North Laurel Park, 8/11/2008, J Solem.
 SIDE: North Laurel Park, 8/11/2008, J Solem.

None

[*Melanoleuca alboflavida*](#)
 Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	-	-

ID: Cap yellowish-brown (lighter in age), umbo darker; convex (slightly depressed in age). Gills waxy. Stalk whitish, grooved w/ dark fibers.

Habitat: Solitary, scattered, groups. On ground in hardwood/mixed forests.

Cap: 2 – 4” [5 –10 cm]
 Yellowish-brown (yellowish-white in age), umbo remains darker. Moist. Smooth. Convex/nearly flat/ slightly depressed w/ low umbo. Flesh white.

Gills: Whitish/pinky; waxy. Attached. Typically notched. Crowded. Narrow.

Spores: White/cream.

Stalk: 1.2 – 6” x 0.2 – 0.4” [3 –15 cm x 5 – 10 mm]
 Whitish. Dry. Longitudinally grooved w/ dark fibers. Typically slightly twisted. Slightly tapers up. Pliable.

Frequency: Uncommon.

Locations: NOLAP.

References: BBF 203, 301. Lin 716, 235. McK 169, #18. Phi 57.

Orange Bonnet
Coral Spring Mycena

Mycena acicula



SIDE and GILLS: Savage Park, 10/3/2008, W. Earp.
OVERALL: Savage Park, 10/3/2008, J. Solem.

Orange Bonnet
Coral Spring Mycena

Mycena acicula
Mycenaceae

J	F	M	A	M	J	J	A	S	O	N	D	
			-	-	-	-	-	-	-	+	-	-

ID: Cap yellow-orange w/ red center (fades in age); bell-shaped (flatter in age); margin grooved. Stalk yellow; white hairs at base.

Habitat: Solitary, small groups. On decaying leaves, small twigs, duff; in wet forests, seeps, or along streams.

Cap: 1/8 – 0.5" [3 – 12 mm]

Reddish-/yellow-orange (fading to a yellow-orange w/ red center).
Powdery (smooth in age). Bell-shaped/ convex (nearly flat in age).
Margin grooved. Flesh whitish/yellowish, thin.

Gills: White/pale yellow/yellow-orange. Narrowly attached/ notched.
Subdistant.

Spores: White.

Stalk: 1.5 – 2.5" x 1/32" [4 – 6.5 cm x 1 mm]

Yellow/pale orange. Smooth/slightly powdery-scurfy. Cylindrical. White hairs at base.

Frequency: Uncommon.

Locations: SAVPK.

References: Lae 137. Lin 778, 68. Phi 99. Roo 185.

Yellow-stalked Mycena

Mycena epipterygia



OVERALL: Rockburn Branch Park, 11/23/2010, *J Solem*.

GILLS: Rockburn Branch Park, 11/23/2010, *J Solem*.

SIDE: Rockburn Branch Park, 11/23/2010, *J Solem*.

Yellow-stalked Mycena

Mycena epipterygia
Mycenaceae

J	F	M	A	M	J	J	A	S	O	N	D		
							-	-	-	+	-	-	+

ID: Yellowish (grayish-pink in age), stalk yellow (but fades); hairs at base. Conifers or hardwoods.

Habitat: Scattered, groups. In coniferous or hardwood forests.

Cap: 3/8 – 3/4" [1 – 2 cm]

Dark yellowish, sometimes tinged grayish-green (white/ grayish-pink in age). Egg-shaped (convex w/ umbo in age). Often slimy. Margin becomes grooved. Flesh yellowish, thin.

Gills: Yellowish/white. Attached. Subdistant. Narrow.

Spores: *White*/pale buff.

Stalk: 2 – 3" x 1/32 – 1/16" [5 – 7.5 cm x 0.75 – 1.5 mm]

Bright yellow (fades in age). Cylindrical. Hollow. Coarse hairs at base.

Frequency: Uncommon.

Locations: RKBRP.

References: BBF 205key. Lin 779, 45. M&M 166. Phi 99.

Common Mycena

Mycena galericulata



OVERALL: Henryton, 10/2/2009, *J Solem*.
 SIDE: Long Corner, 9/13/2009, *R Solem*.
 GILLS: Long Corner, 9/13/2009, *R Solem*.

Common Mycena

[*Mycena galericulata*](#)
 Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D	
					-	-	-	-	-	+	+	+

ID: Cap dirty tan; bell-shaped w/ broad umbo; radially lined. Gill edges serrated in age. Stalk grayish-white.

Habitat: Solitary, groups. On decaying hardwood stumps/logs.

Cap: 1 – 3" [2.5 – 7.5 cm]
 Brownish (dirty tan/cinnamon-brown in age). Bell-shaped w/ broad umbo. Margin w/ veil remnants, inrolled (spreading in age), wrinkled to radially lined. Flesh thin (1 mm).

Gills: Whitish/grayish/pink-tinged; edges serrated in age. Attached. Close/almost distant. Moderately broad, crossveins. Depth 3 mm.

Spores: *White*.

Stalk: 2 – 5" x 1/16 – 1/4" [5 – 12.5 cm x 1.5 – 5 mm]
 Grayish-white above, darker gray/brown below. Smooth/ light appressed hairs. Equal or twisted. Mycelium white. Hollow. Brittle.

Frequency: Fairly common.

Locations: GONRA, HAMVL, HENPV, LONGC, MPENA, PIGTL, RKBRP.

References: BBF 209key. Lin 780, 6. M&M 171. McK 172, 19. Rus 87, #39. Kuo.

Bleeding Mycena

Mycena haematopus



OVERALL: Long Corner, 9/13/2009, R Solem.
OVERALL: MPENA, 9/18/2009, J Solem.
GILLS and STALKS: Long Corner, 9/13/2009, R Solem.

Bleeding Mycena

Mycena haematopus
Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	-	-	+	+	+

ID: Exudes dark red latex when broken. Cap dark reddish-brown, margin much lighter. Stalk color like cap.

Habitat: Solitary (sometimes), clusters (typical). On wood..

Cap: 3/8 – 2" [1 – 5 cm]

Dark reddish-brown at center, fades toward margin (reddish-gray but covered at first w/ frosted, white downiness). Conic/hemispheric (bell-shaped in age). Margin lighter, striate, straight but often torn/ragged. Flesh thin. Exudes dark blood-red latex when cut.

Gills: Whitish/grayish (dirty reddish-brown in age). Finely attached. Close to subdistant. Narrow/moderately broad.

Spores: White.

Stalk: 1 – 4" x 1/32 – 1/8" [2.5 – 10 cm x 0.75 – 3 mm]

Reddish-brown. Upper part initially densely pruinose (smooth in age). Base hairy. Exudes dark blood-red latex when cut. Hollow.

Frequency: Fairly common.

Locations: BIGBR, LONGC, MPENA, PIGTL, RKBPR, ROGOR, SLMLP.

References: Bar 286. BBF 211, 302. Lae 136. Lin 781, 76. M&M 168. McK 173, 19. Pac 90. Phi 94.

Clustered Bonnet

Mycena inclinata [or near]



SIDE: Henryton,10/26/2009, R Orr.
CAP and GILLS: Henryton,11/17/2009, R Orr.
GILLS and STALKS: Henryton,11/17/2009, R Orr.
CAPS: Pigtail, 9/25/2009, J Solem.

Clustered Bonnet

Mycena inclinata [or near]
Mycenaceae

J	F	M	A	M	J	J	A	S	O	N	D				
					+	-	-	-	-	+	+	+	+	-	-

ID: Cap gray-brown; bell-shaped. Stalk top light, darker below; white mycelium at base. Odor.

Habitat: Dense clusters. On hardwood (oak) stumps or logs.

Cap: 0.8 – 1.2" [2 –3 cm]
Gray-brown. Conical expanding to bell-shaped, w/ prominent darker umbo (flat in age). Margin slightly overhangs gills, striate. Flesh whitish, thin. Odor rancid/mealy. Taste mild.

Gills: Whitish/fleshy-pink. Attached. Depth = 2X cap flesh.

Spores: White/cream.

Stalk: 2.4 – 3.9" x 1/16 – 1/8" [6 – 10 cm x 2 – 4 mm]
White at top, darker brown-red towards base (which is covered w/ fine white down). Hollow.

Frequency: Occasional.

Locations: HENPV, NOLAP, PIGTL, RKBPR, SLMLP.

Notes: Spores of *M. pseudoinclinata* differ microscopically; identification was based on macro characteristics.

References: BBF 209key. Lae 133. Lin 780fn. M&M 171. Pac 92. Rog.

Orange Mycena

Mycena leaiana



OVERALL: Savage Park, 8/27/2008, J Solem.
CAPS, GILLS and STALKs: Savage Park, 10/27/2008, J Solem.

Orange Mycena

Mycena leaiana
Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D					
			-	-	-	+	-	-	-	++	-	-	-	+	-	-

ID: Clusters, often on downed limb. Cap reddish-orange, paler in age; hemispheric/convex; grooved. Stalk base densely hairy. May stain hands orange.

Habitat: Clusters. On stumps/downed limbs/ground in hardwood forests.

Cap: 0.4 – 2” [1 – 5 cm]
Reddish-orange (yellowish-orange/pale in age). Viscid/slightly glutinous. Convex/hemispheric (may be slightly depressed in age), grooved. When young, margin typically translucent, grooved and moist. Flesh white/orangish, thick.

Gills: Pinkish-orange/orange; stains yellowish-orange, edges brilliant reddish-orange/orangish-red. Notched. Close, forked. Secondary gills.

Spores: *White*.

Stalk: 1 – 3” x 1/16 – 1/8” [2.5 – 7.5 cm x 1.5 – 4 mm]
Orange overall, sometimes yellow near top. Powdery (smooth/glutinous in age). Sometimes slightly enlarged top. Base densely hairy (typically orangish). Hollow; pliable.

Frequency: Occasional.

Locations: CASCT, RKBRP, SAVPK, SUKBR.

Notes: Stains hands orange.

References: Bar 288. BBF 212, 302. Lin 781, 64. M&M 166. McK 174, #19. Phi 98. Roo 159.

Walnut Mycena

Mycena luteopallens



OVERALL: Cascade Trail, 6/25/2010, R Orr.
OVERALL: Cascade Trail, 6/25/2010, J Solem.

Walnut Mycena

[*Mycena luteopallens*](#)
Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D	
					-	-	-	-	-	-	+	-

ID: Cap yellow-orange (yellowish-white in age); oval (flatter in age); margin becomes grooved. Stalk yellow; hairs at base.

Habitat: Small groups on decaying walnut/hickory nut hulls.

Cap: 1/4 – 0.6" [8 – 15 mm]

Bright yellow-orange (yellowish-white/tan in age). Smooth and glabrous. Oval (nearly flat or small umbo in age). Margin becomes grooved. Flesh whitish/yellowish, thin.

Gills: Yellowish/pinkish w/ white edges. Variously attached. Subdistant. Fairly broad.

Spores: White.

Stalk: 2 – 4" x 1/32 – 1/16" [5 – 10 cm x 0.75 – 1.5 mm]

Orangish near apex, yellowish below. Cylindrical. Hollow. Coarse hairs at base.

Frequency: Uncommon.

Locations: CASTR.

Notes: Photos are of old specimens.

References: BBF 212, 302. Bar 285. Lin 782, 52. M&M 134.

Pink Mycena

Mycena pura



OVERALL (old): Henryton, 8/26/2010, *J Solem*.
 STALK and CAP: Pigtail, 10/9/2010, *J Solem*.

Pink Mycena

[Mycena pura](#)
 Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	-	-	+	-	-
									+	+	-

ID: Variable color (pink/purple/red/lilac). Convex/flat. Smooth. Odor/taste of radishes. Gills broad w/ whitish edges.

Habitat: Solitary, scattered, gregarious. On ground in hardwood or coniferous woods.

Cap: 0.8 – 3" [2 – 7.5 cm]
 Color quite variable (pink, purple, red, lilac). Convex/flat. Smooth. Moist. Odor/taste of radishes.

Gills: Whitish/bluish/purplish w/ whitish edges. Close. Very broad. Secondary gills.

Spores: White.

Stalk: 1 – 4" x 1/16 – 1/4" [2.5 – 10 cm x 1.5 – 6 mm]
 Color of cap or paler. Flattened/twisted. Base somewhat enlarged. Hollow.

Frequency: Occasional.

Locations: HENPV, HIRIP, PIGTL.

References: Bar 286. BBF 213, 302. Phi 95.

None

Mycena stipata [or near]



GILLS and STALKS: Rockburn Branch Park, 10/13/2008, *J Solem*.
 SIDE: Wincopin, 11/6/2009, *R Orr*.
 CAPS: Rockburn Branch Park, 10/13/2008, *J Solem*.

None

[*Mycena stipata*](#) [or near]
 Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	-	-	-	-	-	-
									+	+	

ID: Cap gray-brown; conical/bell-shaped. Alkiline odor (or not).

Habitat: Dense clusters. On conifer stumps or logs.

Cap: 0.2 – 1.2" [5 – 30 mm]

Gray-brown/brown. Conical, expanding to bell-shaped. Margin slightly striate. Flesh whitish, thin. Strong alkaline odor (or not).

Gills: Whitish. Attached. Close/distant.

Spores: *White*.

Stalk: 2.4 – 3.9" x 1/16 – 1/8" [1.5 – 11 cm x 1 – 3 mm]

Brown/gray-brown. Pliable.

Frequency: Uncommon.

Locations: RKBPR, WINTR.

References: M&M 170.

Scaly Lentinus

Neolentinus lepideus



SIDE: North Laurel Park, 7/5/2009, R Solem.

GILLS and STALK: North Laurel Park, 7/5/2009, R Solem.

TOP: North Laurel Park, 7/5/2009, J Solem.

Scaly Lentinus

[*Neolentinus lepideus*](#)

Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
				-	-	-	+	-	-	-	-

ID: Cap whitish w/ coarse brown scales; convex, margin strongly inrolled. Stalk color like cap except red-brown at base.

Habitat: Solitary, scattered, clustered. On decaying conifer wood; occasionally on oak, fence posts, railroad ties.

Cap: 1.2 – 10” [3 – 25 cm]

Whitish w/ coarse, brown scales. Convex/nearly flat. Margin strongly inrolled. Flesh firm, white; tough in age.

Gills: White/yellowish; edges serrate. Decurrent lines short distance down stalk. Close/subdistant. Depth 1.5 mm.

Spores: *White.*

Stalk: 1 – 4 “ x 0.4 – 1” [2.5 – 10 cm x 1 – 2.5 cm]

Whitish. Red-brown at base. Develops brown scales. Dry. Equal.

Frequency: Uncommon.

Locations: NOLAP.

Synonym: *Lentinus lepideus.*

References: BBF 184, 297. Lae 35fn. Lin 766, 222. M&M 146. McK 159, 15. Phi 243.

Yellow Nolanea
Yellow Unicorn Entoloma

Nolanea iveus



SIDE: Long Corne, 6/27/2009, *R Solem*.
CAP: Long Corner, 6/27/2009, *R Solem*.
GILLS: and STALKS: Long Corner, 6/27/2009, *R Solem*.

Yellow Nolanea
Yellow Unicorn Entoloma

[*Nolanea murrayi*](#)
Entolomataceae

J	F	M	A	M	J	J	A	S	O	N	D
					++	---	++	---	---	---	

ID: On ground in forests. Cap orange-yellow, fades in age, smooth, moist; bell-shaped, pointed umbo; convex in age. Stalk yellow w/ white mycelium.

Habitat: Scattered, groups. On ground in forests.

Cap: 0.4 – 1.2" [1 – 3 cm]

Yellow/orangish-yellow (fades in age). Moist. Smooth. Bell-shaped/convex (more convex in age), small pointed umbo. Margin splits in age. Flesh yellowish.

Gills: Yellow (pinkish tinged in age). Narrowly attached/notched. Subdistant. Broad.

Spores: Salmon-pink.

Stalk: 2 – 4" x 1/16 – 1/4" [5 – 10 cm x 2 – 5 mm]

Yellow. Dry. Hollow. White mycelium.

Frequency: Uncommon.

Locations: LONGGC, PIGTL.

Synonyms: *Entoloma cuspidatum*. *Entoloma murrayi*.

References: Bar 184. BBF 214, 303. Lin 643, 50. M&M 213. McK 311, #38. Phi 156. Roo 196.

Salmon Unicorn Entoloma

Nolanea quadrata



SIDE: Long Corner, 6/27/2009, *J Solem*.
 GILLS and STALK: Long Corner, 6/27/2009, *J Solem*.

Salmon Unicorn Entoloma

[*Nolanea quadrata*](#)
 Entalomataceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	-	-

ID: Cap salmon-orange, fades in age, smooth, moist; bell-shaped, pointed umbo; convex in age. Stalk salmon-orange w/ white mycelium.

Habitat: Scattered. On ground or moss in forests.

Cap: 0.6 – 2" [1.5 – 5 cm]
 Salmon-orange (fades in age). Moist. Smooth. Bell-shaped/convex (more convex in age), small pointed umbo.

Gills: Salmon-orange. Narrowly attached. Subdistant. Broad.

Spores: *Salmon-pink*.

Stalk: 2 – 4" x 1/16 – 1/4" [5 – 10 cm x 2 – 5 mm]
 Salmon-orange (sometimes greenish in age). Hollow. White mycelium.

Frequency: Uncommon.

Locations: LONGC.

Synonyms: *Entoloma salmoneum* (?), *Nolanea salmonea* (?).

References: Bar 184. BBF 214, 303. Lin 644, 49. McK 311, #38. M&M 212fn. Phi 156. Roo 196fn.

Jack O' Lantern

Omphalotus illudens



OVERALL: Pigtail, 8/20/2009, R Solem.

CAPS: Pigtail, 8/20/2009, J Solem.

GILLS and STALK: Pigtail, 8/20/2009, R Solem.

FAIRY RING: Pigtail, 10/6/2009, R Solem.

Jack O' Lantern

Omphalotus illudens
Marasmiaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	-	+	-	+	-

ID: Cap bright orange (darkens in age), sticky. Stalk color like gills, scurfy in age.

Habitat: Clusters. Base of hardwood trees and stumps (especially oak)/on ground on buried wood.

Cap: 2.8 – 7" [7 – 18 cm]

Bright orange/ yellowish-orange (often reddish-brown in age). Sticky. Convex (nearly flat/shallowly depressed in age), often w/ small umbo. Flesh white w/ orange tint. Pronounced (sweet) odor.

Gills: Yellow-orange. Decurrent. Close. Narrow. Thin.

Spores: Whitish-cream.

Stalk: 2 – 7.8" x 0.3 – 1.2" [5 – 20 cm x 1 – 3 cm]

Yellow-orange. Dry. Scurfy in age. Nearly equal (or tapers down). Solid.

Frequency: Fairly common.

Locations: CASCT, HIRIP, LONGC, MPENA, NOLAP, PIGTL, RKBRP, ROGOR.

Synonym: *Clitocybe illudens*.

References: Bar 295. BBF 216, 303. Bin 379. Lin 787, [788], 310, 426, 483. M&M 154. Mck 178, 17. Pac 86fn. Phi 238. Roo 146. Rus 89, #89.

Bell-cap Panaeolus

Panaeolus papilionaceus
var papilionaceus



SIDE: Henryton, 8/13/2009, R Solem.
CAPS and GILLS: Henryton, 8/13/2009, R Solem.
OVERALL: Henryton, 8/13/2009, J Solem.
GILLS and STALKS: Henryton, 5/30/2010, N Magnusson.

Bell-cap Panaeolus

[*Panaeolus papilionaceus*](#)
[*var papilionaceus*](#)
Agaricales

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	-	-

ID: Cap brownish, smooth; bell-shaped in age. Gills grayish (black in age). Stalk w/ dense gray fuzz.

Habitat: Solitary, scattered, groups. On rotted horse manure.

Cap: 0.4 – 1.5" [1 – 4 cm]
Brownish/olive-gray/grayish-tan. Surface smooth or nearly. Conic (bell-shaped in age). Margin rimmed w/ tooth-like whitish veil remnants.

Gills: Grayish (becoming black in age). Notched. Subdistant. Broad.

Spores: *Blackish*.

Stalk: 2.4 – 5.5" x 1/16 – 1/4" [6 – 14 cm x 1.5 – 5 mm]
Grayish-white (brown in age). Pruinose (dense gray fuzz). Hollow.

Frequency: Uncommon.

Locations: HENPV.

Synonyms: *Panaeolinus campanulatus*. *Panaeolus retirugis*.
Panaeolus sprinctrinus.

References: Bar 205. BBF 217, 303. Lin 602, 87. M&M 234. McK 286, 35. Pac 218. Phi 236.

Mower's Mushroom

Panaeolina foenisecii.



SIDE: High Ridge Park, 6/23/2009, R Solem.
 CAPS: GILLS and STALKS: Big Branch, 7/2/2009, R Solem.

Mower's Mushroom

[*Panaeolina foenisecii*](#)
 Agaricales

J	F	M	A	M	J	J	A	S	O	N	D
				--+	--+	+-	++	+-	---		

ID: Cap grayish-brown (lighter in age); convex/bell-shaped, margin grooved when fresh. Stalk white (darkens in age).

Habitat: Scattered, groups. In grassy areas.

Cap: 0.2 – 1.1" [5 – 30 mm]

Reddish-brown/grayish-brown (grayish-tan in age). Dry. Smooth (sometimes finely cracked when dry). Convex/ bell-shaped. Margin slightly grooved when fresh/moist. Flesh brown/tan, thin, brittle.

Gills: Brown (purple-/blackish-brown in age). Attached. Close.

Spores: Light-/dark-/purple-brown/brown.

Stalk: 1 – 4' x 1/16 – 1/8" [2.5 – 10 cm x 1.5 – 3 mm]

White/pinkish-brown (darkening in age). Smooth. Cylindrical (or w/ small/hairy bulb at base). Hollow; splits lengthwise.

Frequency: Occasional.

Locations: BIGBR, HIRIP, HOUOS, JACPD, SLMLP.

Synonyms: *Panaeolinus foenisecii*. *Psilocybe foenisecii*.

References: Bar 204. BBF 217, 304. Lae 141. Lin 606, 26. M&M 235. McK 282, 35. Pac 216. Roo 200. Rus 30, 5.

Late Fall Oyster

Panellus serotinus



OVERALL: Long Corner, 11/9/2009, J Solem.
SIDE w/ GILLS: Long Corner, 11/9/2009, J Solem.
GILLS and STALKS: Long Corner, 11/9/2009, J Solem.
OVERALL: Long Corner, 11/9/2009, R Solem.

Late Fall Oyster

Panellus serotinus
Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
									- - - -	+ - - -	- - - -

ID: Cap greenish-yellow w/ purple tint, slippery/sticky (fuzzy in age). Stalk hairy, short, lateral. Bitter?

Habitat: Groups, overlapping clusters. On dead hardwood logs or sticks (beech), occasionally conifers (hemlock).

Cap: 1 – 4" [2.5 – 10 cm]
Yellowish-green/greenish-yellow, usually w/ purplish tint. Smooth/slippery/sticky (velvety/fuzzy in age). Hemispheric. Margin inrolled at first. Flesh white, firm. Taste may be bitter.

Gills: Yellowish/orangish-yellow. Attached/decurrent. Close.

Spores: Yellowish.

Stalk: Lateral. Yellowish/brownish. Hairy. Short.

Frequency: Uncommon.

Locations: LONGC, RKBRP.

Notes: After autumn's first frosts.

Synonym: *Sarcomyxa serotina*.

References: Bar 293. BBF 218, 304. Bin 381. Lae 180. Lin 789, 498. M&M 140. McK 180, 20. Phi 245. Roo 22. Rus 198, #95.

Bitter Oyster
Luminescent Panellus

Panellus stipticus



OVERALL: High Ridge, 9/9/2009, *R Solem*.
GILLS: Hammond Village, 11/23/2010, *J Solem*.

Bitter Oyster
Luminescent Panellus

Panellus stipticus
Mycenaceae

J	F	M	A	M	J	J	A	S	O	N	D
		+++		---	---	---	+++	+++	+++	+-+	+++

ID: Cap pale brownish, minutely fuzzy; margin flares in age. Stalk short, lateral.

Habitat: Groups, clusters or rows. On dead hardwood logs/sticks.

Cap: 0.2 – 1.2" [5 – 30 mm]

Dingy-white/pale brownish. Surface minutely scaly/ hairy/fuzzy. Semicircular/kidney-shaped. Margin flares in age. Flesh tan, thin. Taste slowly becomes acrid. (Spit out immediately!)

Gills: Pinkish/pale brownish. Attached/decurrent. Close/ crowded. Narrow. Secondary gills.

Spores: *White*.

Stalk: Lateral. Whitish/brownish. Hairy. Short; cylindrical/ flattened.

Frequency: Very common.

Locations: BIGBR, CASCT, DFWMA, GONRA, HAMVL, HENPV, HIRIP, HOLLO, HOUOS, LONGC, MPENA, NOLAP, PIGTL, RKBRP, SUKBR, WESRP, WINTR.

Notes: 

When very fresh, may give off a greenish glow in total darkness for several minutes.

Synonym: *Panus stypticus*.

References: Bar 296. BBF 219, 304. Bin 383. Lae 181. Lin 790, 501. M&M 139. McK 180, 20. Pac 115. Phi 245. Roo 23. Rus 199, 96.

Japanese Parasol

Parasola plicatilis



OVERALL: High Ridge Park, 8/12/2008, J. Solem.

Japanese Parasol

Parasola plicatilis
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D
				---	+	---	---	++	+-	+	

ID: Cap gray, grooved. Gills attached to collar-like ring.

Habitat: Scattered, clusters. In lawns and fields.

Cap: 0.4 – 1" [1 – 2.5 cm]

Gray/pale grayish-brown. Grooved. Curved/ovoid/ convex/nearly flat (depressed disc in age). Flesh grayish, thin, fragile.

Gills: Grayish-buff, then gray; black in age (not deliquescing or only a little). Free (attached to collar-like ring). Subdistant/distant. Brittle.

Spores: Blackish.

Stalk: 1.1 – 2.8" x 1/32 – 1/8" [3 – 7 cm x 1 – 3 mm]

White/transparent. Smooth. Dry. Cylindrical/enlarged base. Hollow in age.

Frequency: Occasional.

Locations: HIRIP, ORRBB, SLMLP, WESRP.

Notes: Appears overnight (when wet) and withers by noon.

Synonym: *Coprinus plicatilis*.

References: Bar 197. BBF 104, 281. Lae 177. Lin 600, 3. McK 279, 34. M&M 228. Pac 229.

Poisonous Paxillus

Paxillus involutus



TOP: High Ridge Park, 8/27/2008, J. Solem.
SIDE: High Ridge Park, 8/27/2008, J. Solem.
GILLS: High Ridge Park, 8/27/2008, J. Solem.

Poisonous Paxillus

Paxillus involutus
Pacillaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	+	-	-

ID: Cap orange-brown, smooth (dry), sticky/greasy (wet), covered w/ matted hairs; flat/depressed in age. Gills stain reddish-brown. Stalk yellow-brown. Odor.

Habitat: Solitary, scattered, groups. On ground/decaying wood at base of stump in coniferous/mixed forests.

Cap: 1.6 – 4.8” [4 – 12 cm]

Orange/dull brown/yellow-brown/red-brown, sometimes w/ olive tints; covered w/ matted hairs. Smooth (dry), somewhat sticky/greasy (wet); occasionally finely cracked in age. Flat w/ depressed center in age. Margin inrolled until maturity. Flesh white/dull yellow/pale tan; stains reddish-brown. Mushroomy odor.

Gills: Tan/dull yellow/olive-yellow; stains reddish-brown. Decurrent. Crowded. Broad; forked and often pore-like near stalk.

Spores: Rust-ochre/white.

Stalk: 0.8 – 4” x 0.2 – 0.8” [2 – 10 cm x 6 – 20 mm]

Central/off-center and eccentric. Yellow-brown, often w/ darker brown stains. Smooth. Cylindrical/tapered upward. Firm.

Frequency: Uncommon.

Locations: HIRIP.

Notes: 

References: BBF 220, 304. Lae 35. Lin 671, 287. M&M 289. McK 313, 38. Pac 236. Roo 149.

None

Pholiota alnicola [complex]



OVERALL: Rockburn Branch Park, 9/22/2009, *R Solem*.
 GILLS, STALK, REMNANT of RING: Rockburn Branch Park,
 9/22/2009, *R Solem*.
 SIDE: Rockburn Branch Park, 9/22/2009, *R Solem*.
 CAPS: Henryton, 10/2/2009, *R Solem*.
 GILLS and STALK: Rockburn Branch Park, 9/22/2009, *R Solem*.

None

Pholiota alnicola [complex]
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D		
							-	-	-	+	+	-	-

ID: Cap orange (gold in age); conical. Stalk gold, striated orange-brown; ring remnants.

Habitat: Solitary, scattered, close groups. On logs/stumps of hardwoods/conifers, or buried wood.

Cap: 1.8 – 3.1" [4.3 – 9.2 cm]
 Orange (gold in age). Cracks in age. Conical. Margin inrolled w/ fragments of veil along edge. Flesh (= 3X gill layer) yellow, thick. Strong (unpleasant) odor when cut.

Gills: Yellow-orange; orangy-brown in age. Close. Narrow. Secondary gills.

Spores: *Cinnamon-brown*.

Stalk: 2 – 3" x 3/8 – 1" [5 – 7.5 cm x 1.2 – 2.5 cm]
 Striated orange-brown on gold. Dark fibrils (red-brown near base), remnants of ring 3/8" [1.2 cm] from top, yellow above ring. Flesh white; yellow when cut. Hollow. Most specimens had curved stalks.

Frequency: Occasional.

Locations: HENPV, MPENA, RKBPR.

Notes: Descriptions of possible species included in cluster vary greatly from source to source (e.g., BBF, Bar, Kuo) so above description is only from specimens collected.

Synonym: Subgenus *Flammula*.

References: Bar 217. BBF 227key. Lae 91. Pac 192. Kuo.

Bitter Pholiata

Pholiota astragalina



OVERALL: High Ridge Park, 10/29/2009, J Solem.
 SIDE (young): High Ridge Park, 10/29/2009, J Solem.
 GILLS: High Ridge Park, 10/29/2009, R Solem.

Bitter Pholiata

[*Pholiota astragalina*](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	-	+

ID: Cap pinky-orange, paler margin (fades in age), smooth, sticky when wet; conic (convex w/ umbo in age). Stalk white above, dull orange below, white mycelium at base.

Habitat: Solitary, small groups. On logs or stumps of conifers.

Cap: 0.4 – 2” [2 – 5 cm]

Pinky-orange/apricot, paler margin (fading in age). Smooth w/ irregular hairs; sticky when wet. Conic (convex with umbo or flat/recurved in age). Margin irregular in age. Flesh yellow, soft. Taste bitter.

Gills: Light yellow/yellow-orange; discolor when bruised. Notched/nearly free. Close. Moderately broad.

Spores: Orange-brown.

Stalk: 2 – 3.5” x 1/6 – 1/4” [5 – 9 cm x 4 – 7 mm]

White above; dull orange below. Orange/yellow fibrils. Equal. White mycelium. Hollow.

Frequency: Uncommon.

Locations: HIRIP.

References: Bar 218. Lin 712, 66. M&M 261. Phi 202. Rog.

Golden Pholiota

Pholiota aurivella



SIDE: Henryton, 10/2/2009, *R Solem*.
 GILLS and STALKS: Henryton, 10/2/2009, *R Solem*.

Golden Pholiota

[*Pholiota aurivella*](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D		
						-	-	-	-	+	-	-	+

ID: Cap orangish-yellow, sticky/slimy under large flat scales. Stalk yellowish-brown w/ fibrous scales below annular zone.

Habitat: Clusters. On trunks or stumps.

Cap: 1.5 – 6 " [4 – 15 cm]

Cuticle orangish-yellow/yellowish-orange. Sticky/slippery/ slimy/smooth beneath dispersed layer of large flattened scales (usually arranged concentrically). Convex/nearly flat. Margin inrolled. Flesh yellow. Odor indistinct or somewhat sweet.

Gills: Pale yellowish (reddish-brown in age). Attached. Close. Depth = 3X cap flesh.

Spores: Brown/rusty-brown.

Stalk: 2 – 3" x 1/4 – 5/8" [5 – 7.5 cm x 5 – 15 mm]

Yellowish/yellowish-brown. Covered w/ fibrous scales below annular zone. Dry. Hollow.

Frequency: Uncommon.

Locations: HENPV, MPENA.

Notes: Identification by microscopic examination of spores by R Orr.

Synonyms: *P. adiposa*, *P. squarrosa-adiposa*.

References: Bar 215. BBF 227, 305. Lae 78. Lin 712, 186. M&M 265. McK 270, #33. Pac 190fn. Phi 201. Roo 38.

None

Pholiota granulosa



OVERALL: Browns Bridge, 10/16/2008, J Solem.
 GILLS: Schooley Mill Park, 10/21/2009, J Solem.
 SIDE: Schooley Mill Park, 10/21/2009, J Solem.

None

[Pholiota granulosa](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
		++			+++	+++	---	---	---	---	+++

ID: Cap yellowish-brown, covered w/ tiny dark scales; convex. Stalk pale yellow, darker below. White mycelium at base.

Habitat: Solitary, scattered, close groups. On logs/stumps.

Cap: 0.4 – 1.4" [1 - 3.5 cm]

Yellowish-brown, covered w/ tiny dark scales. Dry. Convex/broadly convex. Margin w/ yellowish/orangish veil remnants. Flesh light yellow.

Gills: Yellow/orange (brown and spotted in age). Attached. Close. Secondary gills.

Spores: Orange-brown.

Stalk: Up to 1.8" x 0.1" [5 cm x 3 mm]

Pale yellow/orange; darker below. Scaly/flaky. Ring disappears. Flesh light yellow. Hollow. White mycelium.

Frequency: Occasional.

Locations: BRNBR, FULSA, MPENA, SLMLP, WINTR.

Synonym: *Flammula granulosa*.

References: Bar 218. BBF 224fn.

http://www.mykoweb.com/Pholiota/species/Pholiota_granulosa.html

Honey Scaly Mushroom

Pholiota squarrosoides



OVERALL: Beaverbrook, 10/14/2008, R Orr.
SIDE: Rockburn Branch Park, 10/25/2009, J Solem.
GILLS and STALKS: Schooley Mill Park, 10/12/2009, J Solem.

Honey Scaly Mushroom

Pholiota squarrosoides
Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D				
					+	-	-	-	-	-	+	+	+	-	-

ID: Cap white/buff, densely covered w/ tan scales, slimy when wet; convex/flat. Gills never greenish. Stalk white/yellowish w/ brownish scales, whitish ring disappears. No odor.

Habitat: Clusters (rarely solitary or scattered). On or near hardwood trees or stumps.

Cap: 0.8 – 3.9" [2 – 10 cm]
White/buff, densely covered w/ tan scales. Slimy when wet. Convex/flat. Margin w/ yellowish veil remnants. Flesh pale yellow.

Gills: Whitish (brown in age), never greenish. Attached/ decurrent. Close. Secondary gills.

Spores: Cinnamon-brown.

Stalk: Up to 3.9" x 0.4" [10 x 1 cm]
White/yellowish. Brownish scales. Whitish ring disappears.

Frequency: Occasional.

Locations: HENPV, MPENA, ORRBB, RKBRP, SLMLP.

Notes: Confirmed by microscopic examination of spores by R Orr. (*P. squarrosa* [not found] is supposed to have garlicky odor.)

References: Bar 216. Lac 191fn. Lae 79. Lin 717, 184, 188. McK 273, #33. Phi 205. Roo 40. Kuo.

None

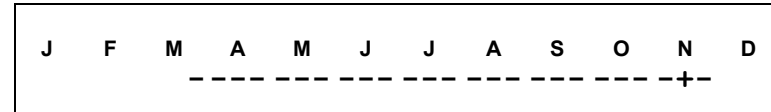
Pholiota terrestris [or near]



CAPS: River Hill, 11/14/2008, J Solem.
 GILLS and STALK: River Hill, 11/14/2008, J Solem.

None

Pholiota terrestris [or near]
 Tricholomataceae



ID: Cap yellowish/reddish/grayish, center often darker, slimy when wet; convex (nearly flat in age). Stalk color of cap, ring zone, white rhizomorphs at base.

Habitat: Clusters. On ground in disturbed areas (roadbeds, path sides, etc.); occasionally on visible wood.

Cap: 3 – 6" [2 – 8 cm]
 Light-/dark-/yellowish-/reddish-/grayish-brown; often darker in center. Small brownish scales may wear off in age. Dry (slimy in wet weather). Convex (broadly convex/nearly flat in age). Margin usually finely hairy/scaly.

Gills: Pale (dirty-yellow/cinnamon brown in age). Attached. Crowded. Narrow.

Spores: *Brown.*

Stalk: 1.2 – 3.1" x 0.4" [3 – 8 cm x 1 cm]
 Color of cap. Dry. Smooth or finely hairy above ring zone, sheath-like below ring (w/ downcurled scales). More or less equal. Densely hairy at base. White rhizomorphs. Hollow.

Frequency: Uncommon.

Locations: RIVHL.

Notes: Kuo discusses the "terrestrial" pholiotas.

References: BBF 225key. Lin 718, 181. Phi 206. Kuo.

Gilled Bolete

Phylloporus rhodoxanthus



SIDE: High Ridge Park, 8/13/2008, *J Solem*.
GILLS: Pigtail, 9/25/2009, *J Solem*.
OVERALL: High Ridge Park, 9/13/2008, *J Solem*.

Gilled Bolete

Phylloporus rhodoxanthus

Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	+	-	-

ID: Cap dull red, somewhat velvety; cracks may expose yellowish flesh; convex (depressed in age). Stalk dull reddish-brown, bruises yellow; yellow mycelium at base. Use NH₄OH.

Habitat: Solitary, small groups. On ground/moss in hardwoods (especially oak), conifers, or mown grass at edge of mixed forest.

Cap: 1.5 – 4” [4 – 10 cm]

Dull red/reddish-brown/olive-brown. Dry; somewhat velvety; cracks may expose yellowish flesh. Convex (flat/shallowly depressed in age). Flesh white, thick in center. NH₄OH turns cap blue-gray.

Fertile Surface (“Gills”): Deep yellow/olivaceous-yellow; bruises blue. Decurrent. Moderately well spaced. Separable from cap, often wrinkled w/ crossveining.

Spores: Olivaceous/light yellow-brown.

Stalk: 1.1 – 3.5” x 0.2 – 0.5” [3 – 9 cm x 6 – 12 mm]

Dull yellow/reddish-brown. Nearly smooth. Tapered downward. Bruises yellow. Yellow mycelium. Solid.

Frequency: Common.

Locations: BRNBR, HENPV, HIRIP, LONGC, MPENA, NOLAP, PIGTL, RKBRP, ROGOR, SAVPK, SLMLP, WESRP, WINTR.

References: Bar 159. BBF 353, 369. Bin 171. Lae 42. Lin 672, 324, 326. M&M 353. McK 314, 38. Pac 238. Phi 253. Roo 150.

Mock Oyster
Nestcap

Phyllotopsis nidulans



TOP: Henryton, 11/17/2009, *J Solem*.
GILLS: Henryton, 11/17/2009, *J Solem*.
OVERALL: Henryton, 11/17/2009, *R Orr*.
GILLS: Pigtail, 11/21/2009, *R Solem*.

Mock Oyster
Nestcap

Phyllotopsis nidulans
Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	-	-
										+	+

ID: Cap pinkish-orange (fades in age), hairy; kidney-shaped. Foul odor. Bitter.

Habitat: Solitary, scattered, overlapping clusters. On dead hardwoods (but also on pines).

Cap: 1 – 3" [2.5 – 7.5 cm] (sometimes more)
Yellowish/pinkish orange; brownish/fading to orangish-yellow in age. Densely fuzzy. Convex/kidney-shaped/nearly flat. Margin inrolled. Flesh orangish. Foul odor. Taste very bitter.

Gills: Yellow/orange. Close/crowded. Fairly narrow. Secondary gills.

Spores: *Pale pink to peachy-pink.*

Stalk: None/very short. Base white, flocculose.

Frequency: Fairly common.

Locations: BIGBR, BRNBR, HENPV, HIRIP, PIGTL, WINTR.

Notes: Similar species, *P. subnidulans* has more orange color, more widely spaced and thinner gills (McKnight).

References: Bar 190. BBF 230, 10. Bin 395. Lae 180. Lin 791, 500. M&M 140. McK 181, 19. Phi 245. Roo 24.

Veiled Oyster

Pleurotus dryinus



SIDE: St. Michaels Road, 6/28/2010, *J Solem*.
SIDE (young): St. Michaels Road, 6/28/2010, *S Earp*.
GILLS and STALK: St. Michaels Road, 6/28/2010, *S Earp*.
GILLS and STALK: St. Michaels Road, 6/28/2010, *S Earp*.

Veiled Oyster

Pleurotus dryinus
Pleurotaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-

ID: Cap white w/ fibrils, margin inrolled. Stalk off-center; often tapered down.

Habitat: Solitary/scattered/clustered. Decaying hardwoods.

Cap: 2 – 5” [5 – 12.5 cm]

White ground color (dull yellow-tan in age). Dry. Tiny matted grayish fibrils (scurfy in age). Convex (broader in age). Margin inrolled (decurved at maturity, often w/ flaps of white veil). Flesh white, firm, thick. Pungent odor in age.

Gills: White. Eccentric/central. Decurrent. Close to subdistant.

Spores: *White*.

Stalk: 2 – 10” [5 – 12.5 cm]

Whitish. Equal/tapered down. May have membranous ring.

Frequency: Uncommon.

Locations: FARMS.

References: Bar 292. BBF 231, 306. Lin 792, 495. M&M 155fn. Phi 238. Roo 42.

Oyster Mushroom

Pleurotus ostreatus [complex]



SIDE: Rockburn Branch Park, 10/13/2008, J Solem.
 GILLS: Browns Bridge, 11/9/2008, J Solem.
 TOP: Wincopin, 8/26/2007, J Solem.
 GILLS: MPENA, 10/2/2009, J Solem.
 TOP: Mount Pleasant, 8/31/2007, J Solem.
 SIDE: MPENA, 8/31/2009, R Orr.

Oyster Mushroom

Pleurotus ostreatus [complex]
 Pleurotaceae

J	F	M	A	M	J	J	A	S	O	N	D
	+	+	+	+	+	-	-	-	+	+	+

ID: Cap color variable, fan-shaped; flesh thickness varies. Stalkless or off-center.

Habitat: Scattered (sometimes), overlapping clusters. On hardwood (usually) trees/logs/stumps.

Cap: 1.5 – 7.1" [4 – 18 cm]
 Variable (dark brown, yellowish/grayish-brown, pale gray/tan, yellowish-buff, creamy white, white). Moist/dry (but not viscid). Smooth or w/ appressed white hairs. Convex, oyster shell- to fan-shaped. Margin inrolled. Flesh white, firm. (Some specimens had thick flesh, others thin.) Pungent odor (or not).

Gills: White/grayish-white/pale cream. Decurrent. Close to subdistant. Soft. Secondary gills.

Spores: White, buff, cream, or grayish- blue/lilac.

Stalk: When present, off-center/lateral 1.5" x 1.4" [4 x 3.5 cm] White/dingy yellow. Dry. Solid. Often coated w/ downy white hairs near base.

Frequency: Very common.

Locations: BIGBR, BRNBR, CENPK, DANPV, DFWMA, FARMS, FULSA, GONRA, GUIPK, HENPV, HIRIP, HOUOS, LKELK, MPENA, MCHPV, MTPLT, NOFPK, NOLAP, PIGTL, RKBRP, SLMLP, UMDCF, WESRP, WINTR.

References: Bar 291. BBF 232, 306. Bin 397. Lae 178. Lin 793, 484, 497. M&M 142. McK 181, 20. Pac 113. Phi 238. Roo 25. Rus 200, 97.

Crimped Gill

Plicaturopsis crispa



YOUNG

OLD



OVERALL: Long Corner, 10/23/2010, *R Solem*.

YOUNG

TOP: Long Corne r, 10/23/2010, *R Solem*.

FERTILE SURFACE: Long Corner, 10/23/2010, *R Solem*.

OLD

TOP: Rockburn Branch Park, 10/21/2010, *R Orr*.

FERTILE SURFACE: Rockburn Branch Park, 10/21/2010, *R Orr*.

Crimped Gill

[*Plicaturopsis crispa*](#)
Pleurotaceae



J	F	M	A	M	J	J	A	S	O	N	D	
---	+	---	---	---	---	---	---	---	---	+	+	---

ID: Cap yellow-brown w/ dense hairs (white in age); shell-shaped. Gill-like folds whitish/grayish, crimped/forked.

Habitat: Groups, overlapping clusters. On branches and trunks of hardwoods (beech, birch).

Cap: 3/8 – 7/8" [1 – 2.3 cm]

Yellow-orange, reddish-/yellow-brown (white in age). Dry. Covered w/ dense layer of fine hairs. Fan-/shell-shaped. Margin whitish/pale yellow; undulating/lobed/scalloped; inrolled or decurved; wavy and usually torn in age. Flesh thin, leathery (moist)/brittle (dry).

Gill-like Folds: Whitish/grayish; crimped/forked. Subdistant. Narrow.

Spores: White.

Stalk: None; or short, narrow extension of cap.

Frequency: Occasional.

Locations: DANPV, LONGC, RKBRP, SLMLP.

References: Bar 296 and 147. BBF 27, 9. Lin 493, 472. M&M 435. McK 80. Roo 27.

Yellow Pluteus

Pluteus admirabilis



SIDE: MPENA, 8/2/2010, R Orr.
 SIDE: MPENA, 8/2/2010, R Orr.
 OVERALL: MPENA, 8/2/2010, R Solem.

Yellow Pluteus

[*Pluteus admirabilis*](#)
 Pluteaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	+	-	-

ID: Yellow/yellow-brown. Bell-shaped/flat. Gills yellowish/brownish-pink.

Habitat: Solitary, scattered, groups. Decaying hardwood.

Cap: 3/8 – 1.1" [1 – 3 cm]

Bright yellow (hygrophanous, fades to yellow-brown in age). Moist when fresh. Wrinkled or nearly smooth. Broadly convex/ bell-shaped w/ low umbo (flat in age). Margin translucent/striate. Flesh white/yellowish.

Gills: Whitish, then yellowish (brownish-pink in age). Free. Close.

Spores: *Brownish-pink.*

Stalk: 1 – 2.4" x 1/16 – 1/8" [2.5 – 6 cm x 1.5 – 3 mm]

Yellow (darker in age). Moist. Smooth. Nearly equal.

Frequency: Uncommon.

Locations: HIRIP, MPENA.

Synonym: *Pluteus admirabilis.*

References: Bar, 188. BBF 234, 306. Lin 63, 229. M&M 202. McK 248, 30. Phi 159. Roo 161fn. Kuo.

Fawn Mushroom
Deer Mushroom

Pluteus cervinus



SIDE: Rockburn Branch Park, 5/20/2009, J Solem.
CAP: Duvall Road, 6/12/2009, J Solem.
GILLS, STALK, and SIDE: Duvall Road, 6/12/2009, J Solem.
GILLS and STALK: Savage Park, 10/27/2008, J Solem.

Fawn Mushroom
Deer Mushroom

Pluteus cervinus
Pluteaceae

J	F	M	A	M	J	J	A	S	O	N	D
			+++	+++	+++	-++	+++	+++	-++	+++	

ID: Cap dull brown/gray-brown, viscid when wet; convex/bell-shaped (flat in age), broad umbo. Stalk off-white/ brown; readily separates from cap. Taste of radishes.

Habitat: Solitary, groups. Decaying wood (visible or buried), sawdust piles, wood chips.

Cap: 1.2 – 4.7" [3 – 12 cm]

Dull-/gray-brown/cinnamon-brown. Smooth/streaked; often wrinkled when young, greasy when wet. Convex/bell-shaped w/ broad umbo (broadly convex/flat in age). Margin w/ veil remnants. Flesh (7 mm) white. Taste of radishes.

Gills: White/pale-pink/salmon or light brown/tan. Free. Broad. Close. Depth 13 mm.

Spores: Pink/salmon/brownish-pink.

Stalk: 2.0 – 3.9" x 0.2 – 0.8" [5 – 10 cm x 6 – 20 mm]

Off-white/brown. Smooth/dull brown/gray fibers. Cylindrical/bulged at bottom. Flesh fibrous. Solid.

Frequency: Very common.

Locations: ANNRK, BIGBR, CEDLP, DANPV, DFWMA, FULSA, GONRA, HENPV, HIRIP, HOUOS, LONGC, MPENA, NOLAP, PIGTL, RKBRP, ROGOR, SAVPK, SLMLP, SUKBR, SVMLT, TUFTS, WESRP, WINTR.

Notes: Cap readily separates from stalk.

Synonym: *P. atricapillus*.

References: Bar 186. BBF 235, 306. Lae 171. Lin 675, 231, 232. M&M 203. McK 248, 30. Pac 160. Phi 159. Roo 211. Rus 32, 6.

Common Psathyrella
Suburban Psathyrella

Psathyrella candolleana



OVERALL: MPENA, 10/14/2009, *R Solem*.
CAPS, GILLS and STALK: MPENA, 10/14/2009, *R Solem*.
CAP and STALK (young): Henryton, 7/12/2010, *J Solem*.

Common Psathyrella
Suburban Psathyrella

Psathyrella candolleana
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D	
				+	-	-	-	+	-	-	-	+

ID: Cap pale/dark honey-yellow, whitish in age; conic/convex (nearly flat in age). Stalk white, silky w/ white fibrils.

Habitat: Scattered, groups. Near decaying hardwood stumps; on woodchips or lawns.

Cap: 1.1 – 4" [3 – 10 cm]
Pale/dark honey-yellow, sometimes purplish-brown near margin (whitish in age). Covered w/ silky white fibrils when young. Conic/convex (nearly flat in age). Margin striate w/ veil remnants. Flesh (1 mm) pale yellow/whitish.

Gills: White/pinkish (gray-brown/violet in age); edges whitish and very finely scalloped. Attached. Close/crowded. Thicker (4 mm) than cap flesh.

Spores: *Purplish-brown*.

Stalk: 2 – 4.4" [5 – 11 cm]
White. Coated w/ silky white fibrils. Equal. Partial veil leaves evanescent superior ring (or not). Hollow.

Frequency: Uncommon.

Locations: HENPV, MPENA.

References: Bar 203. BBF 238, 307. Lae 95. Lin 604, 25. M&M 238. McK 281, #25. Phi 234. Roo 201. Rus 34, #7.

None

Psathyrella delineata



SIDE: Western Regional Park, 10/31/2010, *R Orr*.
 OVERALL w/ MYCELIUM: MPENA, 10/1/2009, *J Solem*.
 PARTIAL VEIL, GILLS and STALK: Rocky Gorge Reservoir,
 9/19/2009, *J Solem*.
 MATURE GILLS and STALKs: Rocky Gorge Reservoir,
 9/19/2009, *R Solem*.

None

[*Psathyrella delineata*](#)
Psathyrellaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	---	+	+	+	+

ID: Cap reddish-/rusty-brown (fades in age); radially wrinkled; broadly convex (nearly flat in age). Stalk whitish w/ silky fibrils; white mycelium at base.

Habitat: Scattered, groups. On decaying hardwood, mulch, or debris.

Cap: 1.1 – 2" [3 – 10 cm]
 Dark reddish-/rusty-brown (dull orange-brown/dingy tan in age). Covered w/ silky white fibrils in youth. Radially grooved/wrinkled. Obtuse/convex/broadly convex (nearly flat in age), sometimes w/ broad umbo. Margin sometimes w/ veil remnants. Flesh watery-brown.

Gills: Dull-white/pale brown (purplish-/rusty-brown w/ edges minutely fringed in age). Free/attached high. Some w/ white edges.

Spores: *Purple-brown/black*.

Stalk: 1.5 – 4" x 3/8 – 5/8" [4 – 10 cm x 1 – 1.6 cm]
 White/silky pruinose near apex; whitish/pale brown below; coated w/ silky fibrils (darker in age). Conspicuous white mycelium.

Frequency: Fairly common.

Locations: FARMS, MPENA, PIGTL, ROGOR, SLMLP, WESRP.

References: Bar 206. BBF 238, 307. McK 282, 35. Phi 232. Roo 213. Kuo.

None

Psathyrella gracilis [or near]



OVERALL: Pigtail, 9/15/2009, R Solem.

None

Psathyrella gracilis [or near]
Psathyrellaceae

J	F	M	A	M	J	J	A	S	O	N	D
							- - - - -	+	- - - - -		

ID: Cap clay-colored/darker, margin often w/ pinkish hues; convex (nearly flat in age). Stalk whitish.

Habitat: Scattered, small clusters. In woods/grassy areas, often in woody debris.

Cap: 0.6 – 2" [1.5 – 5 cm]

Clay-colored/darker; may change color as it dries out. Margin often develops pinkish hues. Smooth (wrinkled in age). Convex/broadly bell-shaped/broadly conical/nearly flat. Margin lined (or not).

Gills: Pale (dark brown in age). Attached. Close.

Spores: Purplish-brown/purplish-*black*.

Stalk: 2.4 – 4.8" x up to 1/8" [6 – 12 cm x 3 mm]
Whitish. Smooth/fibrous. Equal.

Frequency: Uncommon.

Locations: PIGTL.

References: BBF 237key. McK 283, 35. Phi 232. Kuo.

Clustered Brittlestem

Psathyrella multipedata



OVERALL: Wincopin, 10/10/2008, J Solem.
GILLS and STALKS: Wincopin, 10/10/2008, J Solem.

Clustered Brittlestem

[*Psathyrella multipedata*](#)
Psathyrellaceae



J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	-	+	+	+

ID: Cap clay-brown, darkens in age, grooved; convex. Stalk white, brittle; base extends into soil.

Habitat: Dense clusters. On ground or decayed wood in forests, often beside trails or in grass.

Cap: 0.4 – 1.2" [1 – 3 cm]
Clay-brown/yellow-brown; dark (blackish-brown in age). Bluntly conical/convex, grooved. Margin w/ veil remnants. Flesh white, thin.

Gills: Tan/gray-brown (purple-brown in age). Notched. Crowded. Narrow. Secondary gills.

Spores: *Blackish-brown.*

Stalk: 2.8 – 4.8" [7 – 12 cm]
White. Brittle. Base extends into soil. Hollow.

Frequency: Occasional.

Locations: HAMVL, MPENA, WINTR.

References: Bar 203. Lae 108. Rog.

Clustered Psathyrella

Psathyrella piluliformis



OVERALL: MPENA, 8/2/2010 , *R Solem*.
 GILLS and STALKS: Schooley Mill Park, 10/5/2009, *J Solem*.
 SIDE: MPENA, 8/2/2009, *J Solem*.

Clustered Psathyrella

[*Psathyrella piluliformis*](#)
Psathyrellaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	---	+++		+

ID: Cap reddish-brown w/ sparse whitish fibrils; convex/broadly convex. Stalk shiny-white, lower part w/ red-brown matted hairs. Bitter.

Habitat: Groups, clusters. On decaying hardwood logs/ stumps.

Cap: 0.6 – 2” [1.5 – 5 cm]
 Reddish-brown (reddish-/cinnamon-brown in age). Hygrophanous. Sparsely coated w/whitish silky fibrils. Convex/broadly convex. Margin w/ veil remnants, faintly striate. Flesh tan/beige. Taste bitter.

Gills: Brown to purple-brown. Attached. Close. Narrow. Depth = 2 – 3X cap flesh. Secondary gills.

Spores: Purple/dark brown.

Stalk: 0.8 – 2” x 1/8 – 1/4” [2 – 8 cm x 2 – 5 mm]
 Shiny-white or spattered. Dry. Lower part covered w/ red-brown matted hairs. Hollow.

Frequency: Occasional.

Locations: BIGBR, MPENA, NOLAP, SLMLP.

Synonym: *P. hydrophila*.

References: Bar 203. BBF 238key. Lin 607, 93. M&M 239. Mck 283, 35. Phi 232. Rog.

None

Psathyrella septentrionalis



OVERALL: MPENA, 9/22/2009, *J Solem*.
 VEIL REMNANTS on CAP: Rockburn Branch Park, 9/14/2008, *J Solem*.
 GILLS and STALKS: MPENA, 9/22/2009, *J Solem*.

None

[*Psathyrella septentrionalis*](#)
Psathyrellaceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+++	+	---	+

ID: Cap reddish-brown w/ silky whitish fibrils; obtuse/convex, flatter in age; margin w/ partial veil when young. Stalk white.

Habitat: Scattered, clusters, groups. On decaying hardwood logs/stumps.

Cap: 0.6 – 2” [1.5 – 5 cm]
 Reddish-brown (pale to dark reddish-/cinnamon-brown in age). Sparsely coated w/ silky whitish fibrils. Obtuse/convex (nearly flat in age). Margin w/ white tooth-like veil remnants when young, grooved in age. Flesh watery-brown/tan.

Gills: Pale brown (dark-brown in age). Attached. Close, forked. Depth = 2X cap flesh.

Spores: *Purple-black*.

Stalk: 0.6 – 2.4” x 1/16 – 1/4” [1.5 – 6 cm x 1.5 – 5 mm]
 White (pale brown from base up in age). Powdery near top, silky fibrillose/smooth below. Cylindrical. Partial veil white. Fibrous. White mycelium at base.

Frequency: Occasional.

Locations: MPENA, RKBPR, SLMLP, WINTR.

References: BBF 239, 307. Phi 327.

Dung-loving Psilocybe

Psilocybe coprophila



CAP: Long Corner, 7/15/2010, *J Solem*.

OVERALL: Long Corner, 7/15/2010, *J Solem*.

GILLS and STALK: Long Corner, 7/15/2010, *J Solem*.

OLD SPECIMENS: Long Corner, 7/15/2010, *J Solem*.

Dung-loving Psilocybe

Psilocybe coprophila
Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
					---	+	---	---	---		

ID: Dark brown, shiny; convex; margin w/ tiny white patches. Gills purple-brown, edges whitish.

Habitat: Scattered, groups. On horse and cow dung.

Cap: 0.4 – 1.1" [1 – 3 cm]

Dark reddish-/orangish-brown. Dry/moist. Smooth, shiny. Convex/bell-shaped. Margin typically w/ tiny white patches. Flesh brownish.

Gills: Pale brown/purplish-brown; edges whitish. Attached. Subdistant.

Spores: Purple-brown.

Stalk: 0.8 – 2" x 1/16 – 1/8" [2 – 5 cm x 1.5 – 4 mm]

Whitish (brown in age). Coated w/ tiny white scales/flecks. Equal. Partial veil evanescent.

Frequency: Uncommon.

Locations: LONGC.

References: BBF 241, 308. Lin 720, 82. M&M 250. McK 274, 33. Roo 204.

Black Jelly Oyster

Resupinatus applicatus [or near]



TOP: Big Branch, 5/29/2009, W Earp.
 GILLS: Big Branch, 5/29/2009, W Earp.

Black Jelly Oyster

Resupinatus applicatus [or near]
 Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-----	-----	-----	-----	-----	

ID: Cap dark bluish-gray. Gills gray, then darker than cap.

Habitat: Solitary, scattered, groups. On hardwoods (recently dead wood).

Cap: 0.2 – 0.4" [4 – 11 mm]

Dark bluish-gray/grayish-black. Dry. Coated w/ tiny fibers.
 Semicircular/fan-shaped (from lateral point); or saucer-shaped and attached at central point (when growing on underside of logs). Flesh thin, blackish.

Gills: Pale gray (dark gray/blackish in age). Subdistant. Secondary gills.

Spores: White.

Stalk: None or tiny pseudostem colored as cap.

Frequency: Uncommon.

Locations: BIGBR.

Notes: Kuo provides macro characteristics to distinguish this from *Resupinatus alboniger* [not found].

References: Bar 297. BBF 242, 308. Lin 795, 486. Kuo.
 Also, there are photos on the web showing lateral attachment, e.g.,
http://commons.wikimedia.org/wiki/File:Resupinatus_applicatus.jpg

Spotted Collybia

Rhodocollybia maculata



CAP and GILLS: Henryton,10/26/2009/2009, R Orr.
 GILLS: Henryton,10/26/2009, J Solem.
 GILLS and STALK: Henryton,10/26/2009, J Solem.

Spotted Collybia

Rhodocollybia maculata
 Marasmiaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
									+	+	

ID: Cap white (rusty-brown steaks in age); convex (nearly flat in age). Some gills serrated. Stalk w/ striations, color of cap.

Habitat: Solitary, scattered, fairy rings. On ground in forests.

Cap: 1.4 – 4” [3.5 – 10 cm]
 Pinkish-tan (white w/ rusty/reddish-brown streaks/spots in age). Convex, sometimes w/ low, broad umbo (broadly convex/nearly flat in age). Margin often splits. Flesh (10 mm) white. Odor somewhat unpleasant. Taste bitter.

Gills: Whitish/buff (brown/rusty spots in age); some serrated. Attached. Close/crowded. Depth 4 – 6 mm. Secondary gills.

Spores: Pinkish-/yellowish-buff.

Stalk: 2 – 4.8” x 3/8 – 1/2” [5 – 12 cm x 1 – 1.3 cm]
 Whitish (rusty-brown spots in age). Dry. Longitudinally striate. Nearly equal. White mycelium. Stuffed.

Frequency: Uncommon.

Locations: HENPV.

Synonym: *Collybia maculata*

References: Bar 257. BBF 95, 279. Lae 67. Lin 756, 35. M&M 176. McK 150, 17. Phi 73. Roo 253.

Whitish Brittlegill

Russula albidula [complex]



OVERALL: Pigtail, 10/6/2009, *R Solem*.

GILLS, STALK S and CAP: Pigtail, 10/6/2009, *J Solem*.

Whitish Brittlegill

Russula albidula [complex]

Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
									+	+	+

ID: Cap white/cream, sticky when wet; broadly convex (shallowly depressed in age). Stalk white. Taste strongly peppery.

Habitat: Solitary, scattered. On ground in mixed forests.

Cap: 0.8 – 3.1" [2 – 8 cm]

White/cream. Dry; viscid when wet. Broadly convex/flat (shallowly depressed in age). Margin faintly striate. Flesh white, brittle. No pronounced odor. Strong peppery taste.

Gills: White (pale yellowish in age). Attached. Close.

Spores: *Pale yellow*.

Stalk: 1 – 2.8" x 0.4 – 1.5" [2.5 – 7 cm x 1.0 – 2.3 cm]

White. Dry. Smooth. Cylindrical/tapers up. Stuffed (hollow in age).

Frequency: Occasional.

Locations: BIGBR, HIRIP, LONGC, PIGTL, RKBRP.

Notes: ID was by macro characteristics, not by microscopic examination of spores.

References: McK 317, 39. M&M 77.

Short-stemmed Russula

Russula brevipes



TOP: North Laurel Park, 8/30/2009, R Solem.
 OVERALL: North Laurel Park, 7/29/2008, J Solem.
 GILLS: North Laurel Park, 8/30/2009, J Solem.

Short-stemmed Russula

Russula brevipes
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	+	+	+	-

ID: Cap white/cream (yellowish in age), coated w/ tiny matted fibrils (& dirt); convex (funnel-shaped in age); margin uplifted in age. Stalk color of cap.

Habitat: Solitary, scattered, groups. On ground in pine needles or in mixed forests.

Cap: 3.5 – 8" [9 – 20 cm]
 White/cream (yellowish in age). Dry. Coated w/ tiny matted, fibrils and often covered w/ dirt. Convex (nearly flat/funnel-shaped in age). Margin inrolled (uplifted in age). Flesh (8 mm) white; brittle at first but spongy in age. Taste acrid.

Gills: White, cream; stain reddish-brown. Attached/decurrent. Crowded. Narrow, forked. Depth 2 mm.

Spores: White/cream/pale yellow.

Stalk: 1 – 3" x 1 – 1.5" [2.5 – 7.5 cm x 2.5 – 4 cm]
 White/cream, often w/ pale greenish band at apex. Stains brownish. Dry. Smooth. Cylindrical/slight taper downward.

Frequency: Occasional.

Locations: HIRIP, NOLAP, PIGTL, RKBWP.

Notes: Var *acrior*, bluish-green tints on gills and stalk top, very acrid taste. Attacked by *Hypomyces lactiflorum* (which see).

References: Bar 310. BBF 244, 308. Lin 698, 252. M&M 76. McK 318, 39. Pac 141fn. Phi 126. Roo 217fn.

Firm Russula
Compact Russula

Russula compacta



CAP: High Ridge Park, 8/13/2008, *J Solem*.
GILLS: North Laurel Park, 8/30/2009, *J Solem*.
GILLS, STALK and CAPS: North Laurel Park, 8/30/2009, *R Solem*.

Firm Russula
Compact Russula

Russula compacta
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	++	---			

ID: Cap white/cream, stains cinnamon-brown, sticky when wet; convex (flat/ depressed in age). Stalk color and staining like cap. Odor fishy/ unpleasant in age.

Habitat: Solitary, scattered, groups. On ground in hardwood/forests.

Cap: 2.8 – 5.9" [7 – 15cm]

White/cream; stains cinnamon-/yellowish-/orangish-brown. Dry; sticky when wet. Convex (broadly convex/nearly flat and often depressed or funnel-shaped in age). Flesh (= 2X gill layer) white, brittle at first but spongy w/ yellowish tones in age. Odor fishy/unpleasant.

Gills: White; stain reddish brown. Attached. Close/subdistant, often forked near stalk. Narrow/broad. Short secondary gills.

Spores: White.

Stalk: 0.8 – 4.8" x 0.4 – 1.5" [2 – 12 cm x 1 – 4 cm]

White. Stains reddish-brown. Dry. Smooth. Cylindrical but flared near top. Hollow in age.

Frequency: Uncommon.

Locations: HIRIP, NOLAP.

References: BBF 244, 309. Lin 699, 286. McK 318, 39. Phi 126. Roo 220. Rus 93, #43.

Green Quilt Russula

Russula crustosa



TOP: Pigtail, 8/29/2010, J Solem.
GILLS: Pigtail, 8/29/2010, J Solem.

Green Quilt Russula

[Russula crustosa](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	-	+	-	-

ID: Grayish-green quilt-like w/ orange tones; dull. Stalk yellowish.

Habitat: Solitary, scattered. On ground in mixed forests (oak).

Cap: 2 – 6" [5 – 15 cm]

Grayish-/yellowish-green (often w/ orange tones). Convex (flat w/ sunken center/vase-shaped in age). Dry, dull w/ whitish bloom; cracked, quilt-like (sticky when wet).

Gills: White (yellow in age). Attached. Close. Somewhat broad.

Spores: Pale orange-yellow.

Stalk: 1.4 – 3.1" x 0.6 – 1.8" [3.5 – 8.5 cm x 1.5 – 4.5 cm]

Yellowish-white. Dry. Dull, smooth/felty. Longitudinal wrinkles. Stuffed (becoming hollow).

Frequency: Uncommon?

Locations: PIGTL.

Notes: ID was by macro characteristics, not by microscopic examination of spores.

References: Bar 312. Bin 179. Lin 700, 356. McK 325fn. M&M 79fn. Phi 138. Roo 234fn.

None

Russula decolorans



OVERALL: Guilford Park, 10/29/2010, *J Solem*.
 STALK and CAP: Guilford Park, 10/29/2010, *J Solem*.
 CLOSEUP OF FORKED GILLS: Guilford Park, 10/29/2010, *J Solem*.

None

[*Russula decolorans*](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D	
							-	-	-	-	+	+

ID: Smooth orange cap. Flesh stains dark brown when cut. Use KOH.

Habitat: Solitary, scattered, groups. On ground under conifers.

Cap: 1.5 – 4" [5 – 15 cm]

Coppery-/dull-orange. Smooth; viscid when wet. Convex (flat w/ central depression or shallowly vase-shaped in age). Margin striate in age. Flesh white, brittle, slowly stains gray/black when cut. Tastes mild. No strong odor. KOH turns cap yellow (dissolves orange pigments).

Gills: Grayish-cream/yellowish-white. Attached, often forked near stalk. Crowded. Bruise brown.

Spores: Pale/deep yellow.

Stalk: 1 – 4" x 0.4 – 1.1" [4 – 12 cm x 1 – 3 cm]

White (gray in age or when handled). Dry. Smooth. Equal. Stuffed (hollow in age).

Frequency: Uncommon.

Locations: GUIPK.

References: Bar 313. Lin 704fn. M&M 77fn. Phi 146. Kuo.

Almond-scented Russula

Russula grata



CAP: Long Corner, 6/19/2010, J Solem.
 GILLS and STALK: Long Corner, 6/19/2010, J Solem.
 OVERALL: Long Corner, 6/19/2010, R Orr.

Almond-scented Russula

[*Russula grata*](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	+	+	-	-

ID: Cap white/cream, sticky when wet; broadly convex (shallowly depressed in age). Stalk white. Taste not distinctive or becomes acid.

Habitat: Solitary, scattered, groups. On ground in mixed forests.

Cap: 1.5 – 4” [2.5 – 10 cm]
 Tawny to yellowish-brown (ivory when young). Smooth; viscid when wet. Convex (broadly convex in age). Margin striate. Flesh white, brittle. Taste not distinctive or becomes acid.

Gills: Grayish-cream/yellowish-white. Attached. Crowded.

Spores: *Pale yellow.*

Stalk: 1 – 4” x 0.4 – 1.1” [2.5 – 10 cm x 1 – 3 cm]
 White/yellowish-white. Dry. Smooth. Equal. Stuffed (hollow in age).

Frequency: Occasional.

Locations: LONGC. MPENA. RKBWP.

Notes: ID was by macro characteristics, not by microscopic examination of spores.

Synonym: *Russula laurocerasi.*

References: Bar 315. BBF 245, 309. Bin 195. Lin 704, 306. McK 22fn. M&M 82. Phi 128. Roo 227.

Green Russulas



Green Russulas



Photo 1: R Orr. Photos 2, 3, 4: J Solem. Photos 5, 6: R Solem.

Green Russulas

Green Russulas
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
		---					---				

ID: Any greenish-capped russula that does not stain when bruised and has no distinguishing features to facilitate identification based on macro characteristics. (The literature also states that identification may be difficult when examining spores under a microscope.)

Frequency: Common and widespread

Examples of species that probably occur in Howard County:

Russula crustosa (Bar 312, Bin 179)*

R. modesta (Bin 199)

R. olivacea (Bar 310)

R. subgraminicolor (BBF 246, 309)

R. varia (Bin 211)

R. virescens (M&M 312, Roo 179)*

* These are documented in this publication.

Blushing Russula

Russula nigricans [complex]



GILLS, STALK, CAP: Rockburn Branch Park, 9/22/2009, R Solem.
 GILLS and CAP: Rockburn Branch Park, 10/13/2008, J Solem.

Blushing Russula

Russula nigricans [complex]
 Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	+	+

ID: Flesh stains bright orange/red, then blackish. Cap whitish (blackish-brown in age); tacky when young, often cracked in age. Acrid taste.

Habitat: Solitary, scattered, groups. On ground in moss/leaves in conifer and hardwood forests.

Cap: 2 – 5.9" [5 – 15 cm]

Whitish (brownish/blackish-brown in age). Tacky when young, then dry; often cracked/fissured in age. Felty. Convex (broadly convex/nearly flat w/ sunken center in age). Flesh white; stains bright orange/red, then brownish/black. Taste slowly acrid.

Gills: Whitish; stain bright reddish, then black. Attached to collar. Distant. Broad. Brittle.

Spores: White/pale cream.

Stalk: 1.1 – 3.1" x 0.4 – 1.5" [3 – 8 cm x 1 – 4 cm]

Whitish. Stains like cap. Some reticulation. Cylindrical. Flesh white. Solid.

Frequency: Uncommon.

Locations: NOLAP, RKBPR.

Notes: Stains hands red. *Russula nigricans* is part of a cluster of several species according to Kuo.

References: Bar 311. Bin 201. BBF 245.309. Lae 122. Pac 135fn. Phi 128. Kuo.

Matt Yellow Russula

Russula ochroleucoides



CAP: Rocky Gorge Reservoir, 9/19/2009, *R. Solem*.
 GILLS and STALK: Rocky Gorge Reservoir, 9/19/2009, *R. Solem*.

Matt Yellow Russula

[*Russula ochroleucoides*](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D			
						-	-	-	-	+	-	-	-	-

ID: Cap color variable, dull (dry), viscid (wet). Stalk white, base yellowish-brown. Fishy odor.

Habitat: Solitary, scattered, groups. On ground in hardwood forests (especially beech, birch, oak).

Cap: 1.5 – 3.5" [4 – 9 cm]
 Variable (dull gray/grayish-green/olivaceous-buff/ olivaceous-brown). Viscid when moist; soon dry and dull. Convex (flattened/depressed in center in age). Margin often inrolled at first. Flesh white/grayish. Fishy odor.

Gills: White/pale buff, often w/ brownish stains. Attached/ subdecurrent. Close. Brittle.

Spores: Peachy-/buffy-yellow.

Stalk: 1.4 – 3.1" x 1 – 1.4" [3.5 – 8 cm x 1 – 3.5 cm]
 White; yellowish-brown at base. Smooth/somewhat wrinkled. More or less equal.

Frequency: Uncommon.

Locations: ROGOR.

References: Phi 143. Roo 229. Kuo.

None

Russula pulchra



CAP: North Laurel Park, 9/27/2009, J Solem.
 GILLS and STALK: North Laurel Park, 9/27/2009, J Solem.

None

[*Russula pulchra*](#)
 Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	---	---	---		

ID: Cap reddish-orange (paler in age), minutely fibrillose, often cracked in age. Stalk white (pink tones?)

Habitat: Solitary, scattered, groups. On ground under oaks.

Cap: 2.4 – 3.1" [4 – 10 cm]

Reddish-orange (pale peach in age). Dry. Minutely fibrillose; smooth and often finely cracked in age. Convex (broadly convex/nearly flat w/ depressed center in age). Margin finely striate. Flesh (6 mm) white, stains pink.

Gills: White/cream. Attached. Subdistant. Broad.

Spores: White/cream/pale yellow.

Stalk: 1.1 – 4" x 0.6 – 1" [3 – 10 cm x 1.5 – 2.5 cm]

White (occasionally w/ pink tones). Dry. Smooth. Equal. Stuffed.

Frequency: Uncommon.

Locations: NOLAP.

References: BBF 246, 309. Bin 205. Phi 148. Roo 230.

Red Russulas

Red Russulas



Photo 1, 5: *R. Solem*. Photos 2, 3, 4: *J. Solem*.

Red Russulas

Red Russulas
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D

ID: Any “russulas” with a reddish cap that do not stain when bruised and have no distinguishing features to facilitate identification based on macro characteristics. (The literature also states that identification may be difficult when examining spores under a microscope.)

Frequency: Common and widespread

Examples of species that probably occur in Howard County:

Russula cystidiosa (Bin 181)

R. emetica (Bar 314, M&M 83)

R. fragilis (M&M 84)

R. lentiginosa (Bin 197)

R. paludoca (Bar 313)

R. sanguinea (Bar 313, M&M 84)

R. tenuipes (BBF 246, 309)

Green Quilt Russula

Russula virescens



SIDE: Long Corner, 6/19/2010, R Orr.
CAP: Long Corner, 6/19/2010, J Solem.

Green Quilt Russula

[*Russula virescens*](#)
Russulaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-

ID: Cap gray/blue-green, quilt-like patches; hemispheric (broadly convex in age). Stalk white.

Habitat: Solitary, scattered. On ground in mixed forests (oak, beech, pine).

Cap: 3 – 4.5" [7.6 – 11.5 cm]
Grayish-/dull bluish-green, lighter "quilt-like patches." Dry; dull/velvety, cracks into quilt-like patches. Hemispheric (broadly convex w/ depressed center in age). Margin faintly striate. Flesh white, brittle.

Gills: White (pale yellowish in age). Attached. Close.

Spores: *White*.

Stalk: 1.2 – 2.5" x 0.3 – 1.5" [3 – 6.5 cm x 0.8 – 2.3 cm]
White. Dry. Smooth. Equal.

Frequency: Uncommon?

Locations: LONGC.

Notes: Microscopic examination of spores by R Orr is basis for identification.

References: Lae 131. Lin 700fn. M&M 79. Pac 146. Phi 138. Roo 234.

Shellfish-scented Russula
Crab Russula

Russula xerampelina



CAP: Rockburn Branch Park, 8/12/2009, R Solem.
SIDE: Rockburn Branch Park, 8/12/2009, J Solem.
GILLS: Rockburn Branch Park, 8/25/2010, J Solem.

Shellfish-scented Russula
Crab Russula

[*Russula xerampelina*](#)
Russulaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	---	---		

ID: Cap purple/olive-green, stains ochre/olivaceous, smooth/powdery; convex (flat in age). Stalk white to red, stains like cap. Odor fishy/crab-like.

Habitat: Solitary, scattered, groups. On ground in conifer or mixed forests.

Cap: 2 – 6" [5 – 15 cm]
Purple/olive-green/purple-red, blackish red near margin. Stains ochre/olivaceous. Dry. Smooth/powdery. Convex (flat/slightly depressed in age). Flesh white (brown in age). Fishy or shellfish smell.

Gills: White/cream. Attached. Distant in age.

Spores: Yellow/pale ochre.

Stalk: 2 – 3" x 0.6 – 1.2" [5 – 7.5 cm x 1.5 – 3 cm]
White to red. Stains ochre/olivaceous. Smooth/powdery. Wrinkled/grooved. Tapered upward. Solid (hollow/ spongy in age).

Frequency: Uncommon.

Locations: PIGTL, RKBPR.

Synonym: *R. atropurpurea* (listed in Pac 138).

References: Bar 314. Lae 127. Lin 707, 330. McK 325, 40. Phi 137. Kuo.

Split Gill

Schizophyllum commune



OVERALL, TOP: MPENA, 12/23/2008, *J Solem*.
 OVERALL, TOP: MPENA, 12/5/2009, *R Orr*.
 FERTILE SURFACE: MPENA, 12/23/2008, *J Solem*.
 FERTILE SURFACE: Big Branch, 5/29/2009, *W Earp*.

Split Gill

[*Schizophyllum commune*](#)
Schizophyllaceae



J	F	M	A	M	J	J	A	S	O	N	D	
---	+++	+++	+++	+++	+++	+++	+++	+++	---	---	+++	+++

ID: Cap grayish-white w/ dense hairs; shell-shaped. Gill-like folds brownish-gray, often serrated, split lengthwise.

Habitat: Solitary, scattered, overlapping clusters. On decaying hardwoods.

Cap: 0.4 – 1.8" [1 – 4.5 cm]
 White/grayish-white. Dry. Covered w/ dense layer of fine hairs. Fan-/shell-shaped. Margin inrolled; nearly flat when wet, wavy and usually torn in age. Flesh whitish/grayish (brownish tones in age); thin, leathery.

Gill-like Folds: White/gray or pinkish-/brownish-gray; often serrated/torn. Subdistant. Narrow. Split lengthwise along free margin (at least when wet).

Spores: *White*.

Stalk: None; or short, narrow extension of cap.

Frequency: Very common.

Locations: BIGBR, CEDLP, DANPV, DFWMA, DORWD, FARMS, FULSA, GONRA, HAMVL, HENPV, HIRIP, HOLLO, HOUOS, LONGC, MPENA, MCHPV, NOFPK, NOLAP, OFRR, PIGTL, RKBRP, SAVPK, SLMLP, SUKBR, TROYH, WESRP, WINTR.

References: Bar 295. BBF 27, 9. Lae 181. Lin 493, 487. M&M 139. McK 80, 6. Pac 292. Phi 245.

None

Stropharia coronilla



GILLS, STALK and CAP: MPENA, 10/13/2010, J Solem.
 GILLS, RINGS and STALKS: MPENA, 10/13/2010, J Solem.

None

[Stropharia coronilla](#)
 Strophariaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-

ID: Golden-brown/buff cap. Persistent ring. Use KOH.

Habitat: Single, scattered. In grassy/bare soil areas in forests, lawns, pastures.

Cap: 1 – 2" [2.5 – 5 cm]
 Yellowish/golden brown (buff/creamy white in age). Dry/ tacky (sticky when wet). Convex/nearly flat. Margin w/ veil remnants. Flesh white, soft. KOH turns cap reddish.

Gills: Whitish (purple-brown in age). Attached. Close. Broad.

Spores: Purple-brown.

Stalk: 1 – 2" x 1/8 – 3/8" [5 – 10 cm x 3 – 10 mm]
 Whitish. Woolly/fibrous (smooth in age). Dry. Cylindrical/tapered upward. Persistent ring usually grooved on upper surface, collects purplish-gray spores. Base w/ white mycelium.

Frequency: Uncommon.

Locations: MPENA.

Notes: 

Synonym: *Stropharia bilamellata* (?)

References: BBF 149key. Lin 727, 215. M&M 255. McK 264, 32. Kuo.

Wine-cap Stropharia

Stropharia rugosoannulata



OVERALL: MPENA, 5/5/2009, *J Solem*.

GILLS, RINGS and STALKS: MPENA, 5/5/2009, *J Solem*.

Wine-cap Stropharia

[*Stropharia rugosoannulata*](#)
Strophariaceae

J	F	M	A	M	J	J	A	S	O	N	D
				+	-	-	-	-	-	-	-

ID: Reddish-purple (tan in age); bell-shaped (flat in age). Thick persistent segmented ring.

Habitat: Scattered, groups. Wood chips, mulch, straw.

Cap: 1.6 – 5.9" [4 – 15 cm]

Reddish-purple/reddish-brown (tan, buff, pale gray in age). Broadly convex/bell-shaped (flat in age). Smooth. Dry. Flesh white, thick

Gills: White but soon purplish-gray, then grayish-/ purplish-black. Attached/notched. Crowded. Broad.

Spores: *Purple-black*.

Stalk: 2.8 – 7.9" x 0.4 – 1.2" [7 – 20 cm x 1 – 3 cm]

White (stains yellow/brown in age). Fibrous. Persistent superior thick cottony-membranous ring w/ segmented underside and segmented/grooved upper surface.

Frequency: Uncommon.

Locations: MPENA.

References: BBF 250, 310. Lin 129, 203. M&M 254. McK 265, 32. Phi 229. Roo 78.

Velvet Paxillus
Velvet-footed Pax

Tapinella atrotomentosa



CAPS: Rocky Gorge Reservoir, 8/24/2009, *J Solem*.
SIDE: Pigtail, 6/30/2009, *J Solem*.
GILLS, STALK, and CAP: Pigtail, 6/30/2009, *R Solem*.

Velvet Paxillus
Velvet-footed Pax

Tapinella atrotomentosa
Tapinellaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	-	-	+	-	-

ID: Stalk velvety w/ matted blackish-brown hairs. Cap dull olive-brown w/ matted hairs.

Habitat: Solitary, groups, clusters. On decaying conifer logs or stumps, or on partially buried wood.

Cap: 1.5 – 5.8" [4 – 15 cm]

Dull olive-/rusty-/yellowish-/blackish-brown. Felty/ smooth; covered w/ matted hairs. Convex (flat and sometimes depressed in center in age). Margin inrolled when young. Flesh whitish, thick, tough.

Gills: Tan/yellow-brown/dull yellow. Decurrent. Close, often forked/pore-like near stalk. Depth = cap flesh.

Spores: Dull yellow/pale brownish-yellow.

Stalk: 0.8 – 4" x 0.4 – 1.2" [2 – 10 cm x 1 – 3 cm]

Eccentric/nearly lateral. Light brown. Velvety w/ covering of densely matted dark-/blackish-brown hairs. Equal/ tapers up. Flesh whitish. Solid.

Frequency: Fairly common.

Locations: HAMVL, HENPV, LONGC, PIGTL, RKBRP, ROGOR.

Synonym: *Paxillus atrotomentosus*.

References: Bar 224. BBF 220, 10. Lin 670, 322. M&M 288. Pac 237. Phi 196. Roo, 148, McK 313, 38. Rus 92, #42.

None

Tapinella panuoides



OVERALL: Wincopin, 6/15/2009, R Solem.

GILLS: Wincopin, 6/15/2009, R Solem.

None

Tapinella panuoides
Tapinellaceae

J	F	M	A	M	J	J	A	S	O	N	D
				---	+	---	---	+	---	---	---

ID: Cap olive-brown; convex (depressed in age). Gills easily separated from cap.

Habitat: Scattered, overlapping clusters. On decaying conifer wood.

Cap: 1 – 4.4" [2.5 – 11 cm]

Olive-yellow/yellow-brown. Convex (flat w/ depressed disc in age). Margin inrolled, uplifted (thin and wavy in age). Flesh whitish/pale cream.

Gills: Pale yellow/yellow-orange. Radiate from point of attachment. Sometimes crossveined, wavy, or corrugated. Easily separated from cap.

Spores: Yellowish.

Stalk: None/rudimentary.

Frequency: Uncommon.

Locations: WINTR.

Notes: 

Phylotopsis nidulans is similar but has foul smell and densely hairy cap (M&M 288) and is usually on hardwood (Roo 24).

Synonym: *Paxillus panuoides*.

References: Bar 221. BBF 221, 304. Lin 672, 499. M&M 288. McK 313.

Earth-gray Tricholoma

Tricholoma myomyces



SIDE: River Hill, 10/30/2009, R Solem.

OVERALL: River Hill, 10/30/2009, R Solem.

Earth-gray Tricholoma

[*Tricholoma myomyces*](#)

Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D		
								-	-	+	+	-	+

ID: Cap ashy-gray, fibrillose/scaly; convex (flat in age), low umbo. Stalk white/ grayish.

Habitat: Clusters. On ground in conifer forests.

Cap: 1 – 2.5" [2.5 – 6.5 cm]

Dark-/ashy-gray to brownish-gray. Dry. Fibrillose/tomentose, becoming more or less scaly. Convex (flattened in age), usually w/ low umbo. Margin uplifted in age. Flesh 1 – 3 mm.

Gills: White/grayish. Notched. Moderately close. Thicker (3 – 7 mm) than cap flesh.

Spores: *White*.

Stalk: 1 – 2" x 0.2 – 0.4" [2.5 – 5 cm x 5 – 10 mm]

White/tinged grayish. Smooth/fibrillose (top third w/ appressed white hairs; bottom w/ longer dark hairs). Equal. Hollow, fragile, easily splitting lengthwise.

Frequency: Occasional.

Locations: DFWMA, HAMVL, RIVHL.

Synonym: *Tricholoma terreum*.

References: Lae 59. Lin 806. Pac 64. Phi 50. Roo 263.

None

Tricholoma pardinum



PARTIAL VEIL, GILLS, STALK and CAP: Browns Bridge, 11/11//2008, J Solem.

CAP: Browns Bridge, 11/11//2008, J Solem.

GILLS and STALK: Browns Bridge, 11/11//2008, J Solem.

None

[Tricholoma pardinum](#)
Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	-	++

ID: Cap whitish, fiber-streaked surface broken up into gray/dark gray/lavender flat scales; convex (flat w/ umbo in age). Stalk color/ texture like cap, part in ground.

Habitat: Scattered, groups. On ground in moss in mixed (acid) woods.

Cap: 2 – 6” [5 – 15 cm]
Whitish base color. Dry. Fiber-streaked surface broken up into gray/dark gray/lavender flat scales. Convex/ broadly convex (flat w/ umbo in age). Flesh off-white.

Gills: White/cream or pinkish tinge. Notched. Close. Moderately broad.

Spores: *White*.

Stalk: 2 – 6” x 0.3 – 0.8” [5 – 15 cm x 1 – 2 cm]
White. sometimes w/ brownish fibers. Dry. Smooth. Sometimes enlarged/club-shaped base and dark w/ part in ground. Flesh white.

Frequency: Occasional.

Locations: BIGBR, BRNBR, NOLAP.

Notes: 

References: Bar 299. Lae 60fn. Lin 801, 355. M&M 126. McK 188, #21. Pac 65. Phi50.

None

Tricholoma serratifolium [or near]



GILLS, STALK and CAP: Big Branch, 11/3/2009, R Orr.

None

[*Tricholoma serratifolium*](#) [or near]
Tricholomataceae



J	F	M	A	M	J	J	A	S	O	N	D
								---	---	+-	

ID: Cap whitish w/ radiating gray fibrils (or scales). Gill edges often serrated/eroded. Stalk color/texture like cap. Acrid aftertaste.

Habitat: Scattered. On ground in hardwood forests.

Cap: 1.1 – 3.1" [3 – 8 cm]

Whitish base color w/ pale-/brownish-gray tints. Dry. Silky w/ radiating fibrils, sometimes w/ tiny grayish/ brownish scales. Depressed center. Inrolled margin. Flesh white (pale-/brown-gray in age). Acrid aftertaste.

Gills: White; edges often serrated/eroded; sometimes blackening; bruise yellow-orange, fade to brown. Attached. Close. Secondary gills.

Spores: *White*.

Stalk: 0.5 – 1" x 1/6 – 1/4 " [1.3 – 2.5 cm x 4 – 7 mm]

White. Gray fibrils, scurfy. Almost equal. Often dingy white at base. Stuffed.

Frequency: Uncommon.

Locations: BIGBR.

References: BBF 257key, Kuo key.

Decorated Mop

Tricholomopsis decora



OVERALL: Wincopin, 8/11/2009, *J Solem*.
 CAPS: Browns Bridge, 8/24/2009, *J Solem*.
 GILLS and STALK: Browns Bridge, 8/24/2009, *J Solem*.

Decorated Mop

Tricholomopsis decora
 Tricholomataceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-
							+	+			

ID: Cap yellowish w/ blackish fibrous scales; convex/flat, central depression. Stalk color/texture like cap.

Habitat: Solitary, small groups. On debarked conifers.

Cap: 1 – 2.2” [2.5 – 6 cm]
 Yellowish base color w/ blackish pointed fibrous scales. Convex/nearly flat, sometimes w/ central depression. Margin irregular/wavy. Flesh yellowish, jelly-like.

Gills: Yellow. Attached. Crowded. Narrow. Depth = 2X cap flesh. Secondary gills.

Spores: *White*.

Stalk: 1 – 2.2” x 1/8 – 3/8” [2.5 – 6 cm x 3 – 10 mm]
 Yellow. Tiny, blackish scales. Flesh yellowish. Hollow.

Frequency: Uncommon.

Locations: BRNBR, WINTR.

References: Bar 302. BBF 266, 313. Lae 66fn. Lin 807, 302. M&M 160. McK 195, 20. Pac 72fn. Phi 55. Roo 214fn. Kuo.



CAP: Wincopin, 10/10/2008, *J Solem*.

CAP, GILLS and STALK: Wincopin, 10/10/2008, *J Solem*.



J	F	M	A	M	J	J	A	S	O	N	D
				---	---	---	---	---	+	---	---

ID: Cap yellowish w/ purplish-red scales/fibers; center depressed. Gills yellow. Stalk color like cap.

Habitat: Scattered, groups. On decaying conifers (especially pine).

Cap: 2 – 4" [5 – 10 cm]

Yellowish base color w/ red/purplish-red scales/fibers. Dry. Convex, central depression (nearly flat in age). Flesh pale yellow, thick.

Gills: Yellow. Attached/notched. Close. Depth = cap flesh.

Spores: *White*.

Stalk: 2 – 4.3" x 0.4 – 1" [5 – 11 cm x 1 – 2.5 cm]

Yellowish ground color. Red/purplish-red scales/fibers. Dry. Cylindrical, often curved. Flesh pale yellow. Often hollow in age.

Frequency: Uncommon.

Locations: WINTR.

References: Bar 302. BBF 266, 314. Lae 66. Lin 808, 327. M&M 161. McK 194, 20. Pac 72. Phi 52.

Fringed Tubaria

Tubaria furfuracea



OVERALL: North Laurel Park, 5/8/2009, R Solem.
 GILLS and STALK: North Laurel Park, 5/8/2009, R Solem.

Fringed Tubaria

Tubaria furfuracea
 Inocybaceae



J	F	M	A	M	J	J	A	S	O	N	D
			---	+	+	+	+	---	---	---	---

ID: Cap reddish-brown w/ whitish matted fibers; flat (margin uplifted in age). Stalk (fibrous annular zone?); copious white mycelium at base.

Habitat: Scattered, groups, clusters (sometimes). On wood chips/debris, or buried wood.

Cap: 0.4 – 2" [1 – 5 cm]
 Reddish-brown (fading to tan/pinkish-buff). Moist and slippery when fresh. Hygrophanous. Coated w/ whitish matted fibrils. Flat/convex. Margin inrolled (wavy/uplifted in age). Flesh yellow-brown, thin.

Gills: Pale yellowish-buff (pale yellow-brown in age). Attached. Close. Moderately broad.

Spores: Ochre-/brownish-ochre.

Stalk: 0.8 – 2" x 1/8 – 1/4" [2 – 5 cm x 2 – 6 mm]
 Coated w/ whitish fibrils (become pale brown); silky to pruinose above ring. Partial veil white, sometimes leaves fibrous superior ring/annular zone. Copious white mycelium. Hollow.

Frequency: Fairly common.

Locations: DANPV, FARMS, HENPV, HIRIP, NOLAP, PIGTL, WESRP.

References: Bar 219. Lin 639, 78. M&M 292. BBF 268, 314. McK 303, 37. Phi 216.

Bell-shaped Fuzzy Foot

Xeromphalina campanella



OVERALL: Pigtail, 10/13/2009, *J Solem*.
OVERALL: Pigtail, 10/13/2009, *J Solem*.
GILLS and STALKS: Pigtail, 10/13/2009, *R Solem*.
GILLS and STALKS: Pigtail, 10/13/2009, *J Solem*.

Bell-shaped Fuzzy Foot

Xeromphalina campanella
Mycenaceae

J	F	M	A	M	J	J	A	S	O	N	D
				- - -	- - - +	- - -	- - -	- - -	- - -	- - - +	- - -

ID: Cap yellowish-orange, moist; broadly convex (depressed in age); margin grooved. Stalk yellow at top, shades darker at bottom; long orangish-brown hairs at base.

Habitat: Dense clusters. On decaying (often moss-covered) conifer logs/stumps.

Cap: 1/8 – 1" [3 – 25 mm]
Yellowish-orange/orangish-brown. Moist. Smooth. Convex/broadly convex (depressed center in age). Grooved margin, inrolled at first.

Gills: Pale yellow/pale orange. Attached at first, then decurrent. Subdistant /distant. Secondary gills.

Spores: Pale buff.

Stalk: 0.4 – 2" x 1/32 – 1/8" [1 – 5 cm x 0.5 – 3 mm]
Yellow at top, shading below to dark reddish-brown. Tuft of long orangish/brown hairs at base. Hollow.

Frequency: Uncommon.

Locations: PIGTL.

Notes: *X. kauffmanii* grows on hardwoods.

Synonyms: *Omphalia campanella*. *Omphalopsis campanella*.

References: Bar 267. BBF 270, 314. Lin 809, 58. M&M 193. McK 195, 20. Phi 93. Rus 202, 98.

None

Xeromphalina caudicinalis



OVERALL: Rockburn Branch Park, 9/12/2009, R Orr.
 GILLS and STALK: Rockburn Branch Park, 9/12/2009, R Orr.
 CAPS: Rockburn Branch Park, 9/12/2009, R Orr.

None

Xeromphalina caudicinalis
 Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
								---	---	++	---

ID: Cap orange-brown; convex w/ depression (flatter in age). Stalk yellow-brown, darker at base. Bitter.

Habitat: Solitary, scattered, groups (occasionally). In conifer forests on debris.

Cap: 1/8 – 1" [5 – 25 mm]
 Yellow-/orange-brown. Convex, depressed in center (nearly flat in age). Taste slowly becomes bitter.

Gills: Pale yellow. Attached at first, then decurrent. Subdistant. Secondary gills.

Spores: *White*.

Stalk: 0.4 – 3.1" x 1/32 – 1/16" [3 – 8 cm x 1 – 2.5 mm]
 Yellow-brown to dark brown at base. Equal and straight. Pliant, tough.

Frequency: Occasional.

Locations: LONGC, PIGTL, RKBPR.

References: M&M 193.
http://mushroomobserver.org/name/show_name/533

None

Xeromphalina kauffmanii



OVERALL: Savage Park, 10/3/2008, *W Earp*.
 OVERALL: Savage Mill Trail, 8/6/2008, *J Solem*.

None

[*Xeromphalina kauffmanii*](#)
 Mycenaceae



J	F	M	A	M	J	J	A	S	O	N	D
				---	+	---	---	+	---	---	---

ID: Cap yellow (fades in age); smooth, moist; convex w/ depression. Margin inrolled/grooved. Stalk yellow above, darker below.

Habitat: Dense clusters. On hardwood logs/stumps.

Cap: 0.2 – 1" [5 – 25 mm]
 Brownish-yellow/rusty/yellowish, paler toward margin (fading in age). Moist. Smooth. Convex/broadly convex w/ deep central depression. Margin inrolled and grooved. Flesh light yellow, stains brown.

Gills: Pale yellow. Decurrent. Close, many cross-veins. Secondary gills.

Spores: White.

Stalk: 0.4 – 1.6" x 1/16 – 1/8" [1 – 4 cm x 1 – 2 mm]
 Rusty-yellow above, darker brown below. Smooth/finely hairy. Cylindrical, rather pliable. Hollow.

Frequency: Fairly common.

Locations: DANPV, HAMVL, PIGTL, ROGOR, SAVPK, SVMLT.

Notes: *X. campanella* grows on conifers.

References: M&M 193fn. McK 196. Roo 124fn. Kuo.

Rooted Collybia

Xerula furfuracea [or near]



OVERALL: (first 2) Rockburn Branch Park, 9/14/2008 and 8/12/2009, J Solem.

SIDE with ROOT: Rockburn Branch Park, 8/12/2009, R Solem

GILLS, STALK and ROOT: Rockburn Branch Park, 8/12/2009, J Solem.

Rooted Collybia

Xerula furfuracea [or near]
Physalacriaceae

J	F	M	A	M	J	J	A	S	O	N	D
				---	+-	---	+-	+++	---		

ID: Cap brown w/ darker grooved margin; flat (depressed in age), distinct umbo, rubbery skin. Stalk long w/ long underground portion.

Habitat: Solitary, scattered, groups. On ground in mixed forests; infrequently on decayed hardwood logs.

Cap: 0.8 – 4" [2 – 10 cm]

Light brown/dark grayish-brown w/ darker margin. Dry/slippery. Finely velvety (nearly smooth in age). Convex/nearly flat w/ rubbery cuticle; grossly wrinkled around distinct umbo, grooved (depressed in age). Flesh white.

Gills: White. Attached but typically separating from cap in age. Subdistant. Fairly broad. Secondary gills.

Spores: *White*.

Stalk: Above ground portion 3 – 8" x 0.1 – 0.8"

[7.5 – 20 cm x 3 - 20 mm] White beneath grayish/brownish scales/fibers. Usually tapered upward, twisted. Flesh white. Hollow.

Frequency: Occasional.

Locations: HIRIP, LONGC, PIGTL, RKBRP, WESRP.

Synonym: *Oudemansiella radicata*.

References: Bar 303. BBF 270, 314. M&M 174 fn. Pac 38. Roo 265. Kuo.

Fleshy Pore Fungi

GENERA IN ALPHABETIC ORDER
(as they appear in the guide)

Aureoboletus

Boletochaete

Boletellus

Boletus

Bothia

Chalciporus

Gyroporus

Leccinellum

Retiboletus

Strobilomyces

Suillus

Tylopilus

Xanthoconium



None

Aureoboletus auriporus



CAP: Big Branch, 8/5/2009, J Solem.

PORES and STALK: Big Branch, 8/5/2009, J Solem.

None

[*Aureoboletus auriporus*](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
						--+	+--	---	---	---	

ID: Cap pinkish-cinnamon (paler in age); coated w/ mottled fibrils, moist and sticky; convex (flat in age); bleeds pink. Pores golden-yellow (duller in age), bruise olive/dull brick red. Stalk yellow/pinkish-brown; copious white mycelium at base.

Habitat: Scattered, groups. Under oaks.

Cap: 0.8 – 3.1" [2 – 8 cm]

Pinkish-cinnamon or pinkish-/vinaceous-brown (fading in age). Coated w/ matted fibrils. Moist and sticky. Convex (broadly convex/nearly flat in age). Flesh white/pale yellow, bleeds pink; cuticle and tubes easily separated from flesh.

Pores: Brilliant golden-yellow (dull yellow in age). Slowly stain olive/dull brick-red. Circular (1 – 2/mm). Tubes (6 – 15 mm).

Spores: Olive-brown.

Stalk: 1.5 — 4.5" x 0.3 – 0.6" [4 – 11.5 cm x 6 – 17 mm]

Pale yellow at apex, streaked/flushed pale pinkish-brown downward. Flesh white. Solid. Copious white mycelium at base.

Frequency: Uncommon.

Locations: BIGBR, RKBRP.

Synonyms: *B. auriporus*, *B. viridiflavus*.

References: Bin 45. BBF 337, 364. BRB 95. Phi 256. Roo 325.

Two-colored Bolete
Red-and-Yellow Bolete

Boletochaete bicolor



OVERALL: Savage Park, 8/7/2008, J Solem.

OVERALL: Savage Park, 7/19/2008, J Solem.

PORES: Rockburn Branch Park, 8/25/2010, R Orr.

Two-colored Bolete
Red-and-Yellow Bolete

[Boletochaete bicolor](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D		
					+	-	+	+	+	+	-	-	-

ID: Cap dark red/pink (yellow and finely cracked in age); convex (flat/irregular in age); flesh yellow, stains blue. Pores (dingy in age), usually stain greenish-blue. Stalk club-shaped; yellow at top, remainder rosy-red.

Habitat: Solitary, groups. In hardwood (oak) or mixed forests.

Cap: 2 – 6" [5 – 15.5 cm]

Dark red or other shades of red/pink (turns yellow in age). Dry. Velvety when young (finely cracked in age). Convex (flat/irregular in age). Flesh pale yellow, slowly/quickly staining blue.

Pores: Yellow (dingy yellow/olive in age). Stains greenish-blue (sometimes). Free to attached. Angular. (1 – 2/mm). Tubes (3 – 10 mm).

Spores: Olive/gray-brown.

Stalk: 2 – 4" [5 – 10 cm]

Yellow at top, red/rosy red for remainder. Cylindrical/club-shaped. Flesh yellow, quickly stains blue (or not). Solid.

Frequency: Common.

Locations: BIGBR, HENPV, HIRIP, MPENA, NOLAP, PIGTL, SAVPK, SLMLP, TUFTS, WESRP.

Synonym: *Boletus bicolor*.

References: Bar 163. BBF 337, 364. Bin 47. BRB 97. Lae 190. Lin 566, 412. M&M 394. Phi 258.



OVERALL: Hallmark Road, 8/20/2009, R Solem.

PORES: Hallmark Road, 8/20/2009, R Solem.

J	F	M	A	M	J	J	A	S	O	N	D
						---	+++	---	+-		

ID: Cap reddish-brown; convex (flat in age). Pores pale yellow, large. Stalk off-center.

Habitat: Scattered, groups. On ground under or near ash trees (obligate).

Cap: 2 – 4.8" [5 – 12 cm]

Yellowish-/reddish-brown. Dry/slightly sticky. Smooth or w/ tiny fibers. Convex w/ inrolled margin when young; flat to concave/wavy/irregular in age. Flesh yellow, sometimes slowly staining blue-green when cut.

Pores: Pale yellow/dull gold. Usually bluing slowly when bruised, gradually discolors reddish-brown. Pores elongated/radially arranged, a little gill-like (1/mm or larger). Tubes (3 – 6 mm).

Spores: Olive-brown.

Stalk: 0.8 – 1.6" x 0.2 – 1" [2 – 4 cm x 6 – 25 mm]

Apex color like pores, lower color like cap. Lacks glandular dots; bruises red-brown. Nearly equal; often curved, off-center.

Frequency: Uncommon.

Locations: EBERT.

Synonym: *Gyrodon merulioides*.

Notes: Howard County specimens were under 35-year old ash trees. *B. merulioides* is symbiotic with *Meliarhizophagus fraxinifolii*, the "leafcurl ash aphid." The mushroom forms sclerotia that surround and protect the aphid; in exchange, the aphid's honeydew gives nutrients to the fungus.

References: Bar 161. BBF 336, 10. BRB 187. Lin 564, 452. M&M 353. McK 101, 12. Phi 275. Roo 321. Kuo.

None

Boletus curtisii



OVERALL: Hammond Schools, 8/25/2010, *J Solem*.
 PORES and STALK: Hammond Schools, 8/25/2010, *J Solem*.

None

[*Boletus curtisii*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
							--+	+--	---	---	---

ID: Yellow-orange; convex; viscid; stalk similar.

Habitat: Solitary, scattered, groups. On ground in coniferous or mixed woods.

Cap: 1.1 – 3.5" [3 – 9.5 cm]

Yellow-orange (brownish/whitish areas in age). Convex (broadly convex/flat in age). Viscid/glutinous. Margin w/ narrow band of tissue; incurved when young,

Poros: Whitish/buff/pale yellow (darker in age). Circular/angular (2 – 3/mm). Tubes (6 – 12 mm).

Spores: Olive-brown.

Stalk: 2.4 – 4.8" x 1/4 – 1/2" [6 – 12 cm x 6 – 13 mm]

Pale yellow/yellow. Viscid/glutinous. Scurfy at apex, smooth below. Base w/ white mycelium.

Frequency: Uncommon.

Locations: HAMVL.

References: BRB 106, 289. M&M 389.

King Bolete

Boletus edulis



OVERALL: Beaverbrook, 8/25/2009, R Orr.
SIDE: Beaverbrook, 8/25/2009, R Orr.
PORES: Beaverbrook, 8/25/2009, R Orr.
CAPS: Beaverbrook, 8/25/2009, R Orr.

King Bolete

Boletus edulis
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D	
					-	-	-	-	+	+	-	-

ID: Cap brown/yellowish-tan, sticky when wet; convex/nearly flat. Pores whitish (brownish-yellow in age). Stalk white/pale brown, whitish reticulation on upper 1/3; sometimes bulbous. Use KOH and NH₄OH.

Habitat: Solitary, scattered, groups. On ground in forests (especially conifer).

Cap: 1.8 – 10" [4.5 – 25.5 cm]
Brown/reddish-brown/pale cinnamon-brown/rusty-red/yellowish-tan. Dry, sticky when wet. Smooth/slightly wrinkled. Convex/nearly flat. Flesh white. Stains orange w/ KOH or NH₄OH.

Pores: White (yellow/olive-yellow, brownish-yellow in age). Bruises yellowish-olive/dull orange-cinnamon/pale yellowish-brown. Circular (2 – 3/mm). Tubes (10 – 30 mm).

Spores: Olive-brown.

Stalk: 2 – 10" x 0.8 – 3" [5 – 25.5 cm x 2 – 7.5 cm]
White/pale brown. Distinct whitish reticulation on upper 1/3. Enlarging downward/nearly equal; sometimes bulbous. Solid. Stains orange w/ KOH.

Frequency: Uncommon.

Locations: ORRBB, RKBRP.

References: Bar 163. BBF 339, 365. BRB 108. Lae 187. Lin 568, 405. M&M 392. McK 104, 13. Pac 240. Phi 272. Roo 301.

None

Boletus fagicola



OVERALL: Pigtail, 8/31/2010, R Orr.

CUT PORES, FLESH and CUT STALK: Pigtail, 8/31/2010, R Orr.

CUT: Pigtail, 8/31/2010, R Orr.

None

Boletus fagicola
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	-	-

ID: Brown/yellow-brown; convex; velvety. Pores brown/yellow-brown. Everything stains blue when cut, although not necessarily at the same rate.

Habitat: Solitary, scattered, groups. Under hardwoods (oak, beech).

Cap: 1.5 – 6" [4 – 15 cm]

Brown/yellow-brown. Convex (broadly convex/nearly flat in age). Dry. Velvety (sometimes cracked in age). Margin even, incurved when young, may be yellow. Rapidly stains blue when cut.

Pores: Dark yellow-brown/brown (bright yellow near margin). Circular/angular (1 – 3/mm). Tubes (8 – 20 mm). Rapidly stains dark blue.

Spores: Olive-brown.

Stalk: 1.5 – 3.5" x 3/8 – 1" [4 – 9 cm x 1 – 2.5 cm]

Yellowish/ochraceous ground color w/ brownish/grayish pruinescence. Dry. Reticulation upper third/near top; base may be reddish. Stains brown. When cut, flesh stains blue. Equal. Solid.

Frequency: Uncommon.

Locations: PIGTL.

Notes: Flesh stains orange w/ KOH; pores stain dark brown w/ KOH.

Synonym: *Boletus spraguei*.

References: BRB 109, 291. Roo 293fn.

Frost's Bolete
Apple Bolete

Boletus frostii



OVERALL: Hammond Schools, 8/25/2010, J Solem.
PORES and STALK: Hammond Schools, 8/25/2010, J Solem.
SIDE: Hammond Schools, 8/25/2010, J Solem.

Frost's Bolete
Apple Bolete

Boletus frostii
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	+	+	-	-

ID: Cap blackish-red/bright red (fades in age); convex (flat in age); flesh yellow. Pores drab red (paler in age). Stalk reticulate, club-shaped, dark red. Cap and pores stain blue rapidly; stalk slowly.

Habitat: Scattered, groups. On ground in hardwood forests (especially oak).

Cap: 2 – 6" [5 – 15.5 cm]
Blackish-red/bright red (blood-red w/ yellowish spots in age). Whitish bloom becomes smooth (sticky when wet). Convex (flat in age). Margin inrolled when young (upturned in age). Flesh yellowish, rapidly stains blue.

Pores: Dark red (paler in age); often w/ yellow droplets. Rapidly stain blue. Circular (2 – 3/mm). Tubes (6 – 15 mm).

Spores: Olive-brown.

Stalk: 1.6 – 4.8" x 0.4 – 1" [5 – 15.5 cm x 1 – 2.5 cm]
Dark red, often yellowish/white at base. Deeply and coarsely reticulate. Club-shaped (cylindrical in age). Flesh slowly stains blue.

Frequency: Uncommon.

Locations: HAMVL.

References: BBF 339, 365. Bin 53. BRB 114. Lin 568, 408. M&M 385. McK 106, 13. Phi 266. Roo 290.

None

Boletus hortonii



CAPS, PORES and STALKS: MPEA, 7/22/2010, R Solem.

None

[*Boletus hortonii*](#)
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	-	-	-

ID: Chestnut/ochre (or paler). Pitted cap. Pores and stalk yellow. Use NH₄OH and KOH.

Habitat: Solitary, scattered. Mixed woods (oak, beech, hemlock).

Cap: 1.6 – 4.8" [4 – 14 cm]

Chestnut/ochre, cinnamon/reddish-brown (sometimes paler in age). Dry (viscous when moist). Dimpled/ pitted. Flesh whitish, sometimes bluing weakly/slowly (or not).

Pores: Yellow (sometimes duller-/olive-yellow in age). Sometimes staining slowly/weakly blue. Circular/angular (2-3/mm). Tubes (5-10 mm).

Spores: Olive-brown.

Stalk: 2.4 – 4" x 1.4 – 0.8" [6 – 10 cm x 1 – 2 cm]

Pale yellow/tan (occasionally w/ reddish tones near base). Equal/tapers up.

Frequency: Uncommon.

Locations: MPENA.

Synonyms: *Leccinum hortonii*. *Xerocomus hortinii*.

Notes: Cap bluish-green flash w/ NH₄OH (then olive-brown); olive-brown w/ KOH.

References: Bin 57. BRB 119, 295-6. Phi 263. Rog. Kuo.

Clustered Brown Bolete

Boletus innixus



CAP: Hammond Schools, 8/25/2010, J Solem.
CAP and PORES: Hammond Schools, 8/25/2010, J Solem.

Clustered Brown Bolete

Boletus innixus
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	-	-

- ID:** Grayish-brown, cap cracks in age; bright yellow pores.
- Habitat:** Solitary, scattered, groups. On ground under hardwoods (oaks).
- Cap:** 1.1 – 3.1" [3 – 8 cm]
Reddish-/yellow-/grayish-brown. Cracked in age; dry, viscid when wet. Convex (broadly convex in age).
- Pores:** Golden yellow (dull yellow in age). Circular/angular (1 – 3/mm; 2 mm in age). Tubes (3 – 10 mm).
- Spores:** Olive-brown.
- Stalk:** 1.1 – 2.4" x 3/8 – 5/8" [3 – 6 cm x 1 – 1.6 cm]
Yellowish w/ dark brown tones. Often enlarged down, club-shaped then tapered. May show yellow mycellium.
- Frequency:** Uncommon.
- Locations:** HAMVL, RKBWP.
- Synonyms:** *Aureoboletus innixus*. *Boletus caespictosus*.
- References:** Bin 63. BBF 340, 365. BRB 123, 297. Phi 274. Roo 327.

None

Boletus longicurvipes



OVERALL: High Ridge Park, 9/96/2009, R Solem.
 PORES and STALK: High Ridge Park, 9/9/2009, R Solem.

None

[*Boletus longicurvipes*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	+	+

ID: Cap yellow-orange (olive-green in age), sticky when fresh; convex (broader in age). Pores pale yellow. Stalk whitish/yellowish; scurfy scales reddish in age.

Habitat: Solitary, scattered, groups. On ground in oak-pine forests.

Cap: 0.6 – 2.4" [1.6 – 6 cm]
 Yellow-brown/yellow-orange/orange/reddish-orange/orange-brown (often olive-green w/ orange center in age). Smooth/slightly wrinkled/pitted; sticky/slimy when fresh. Convex (broadly convex in age). Flesh (8 mm) white, becoming pale yellowish.

PORES: Pale-/dingy-/olive-yellow or greenish-gray. Circular/ angular (2/mm). Tubes (8 – 12 mm).

Spores: *Brown.*

Stalk: 2 – 3.5" x 0.4 – 0.8" [5 – 9 cm x 1 – 2 cm]
 Whitish/yellowish or w/ reddish-pinkish-tan tones. Scurfy w/ tiny scales yellow (reddish in age). Nearly equal/ tapers up; often curved above base. Solid. White mycelium.

Frequency: Occasional.

Locations: BRNBR, HENPV, HIRIP, NOLAP.

Synonym: *Leccinum longicurvipes.*

References: BBF 341, 365. BRB 125. Phi 260. Roo 328.

Pallid Bolete

Boletus pallidus



OVERALL: Rockburn Branch Park, 9/14/2008, *J Solem*.
 PORES and STALK: Pigtail, 8/4/2009, *J Solem*.
 CAP: Henryton, 9/4/2009, *J Solem*.

Pallid Bolete

[*Boletus pallidus*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	+	+	+	+	-

ID: Cap whitish-buff; dingy and cracked in age, sticky when wet; convex (flat in age). Pores lemon-yellow, more yellow in age, stain greenish-blue then grayish-brown. Stalk whitish; white mycelium at base.

Habitat: Solitary, close groups. On ground or rotted wood in mixed forests (especially oak).

Cap: 1.8 – 6” [4.5 – 15.5 cm]
 Whitish/buff/pale gray-brown (dingy brown w/ rose tints in age). Dry, slightly sticky when wet; finely cracked in age. Convex (broadly convex/flat/slightly depressed in age). Flesh (= 2X tubes) whitish/pale yellow, slowly stains pinkish/bluish/yellow and becomes spongy.

Pores: Lemon-yellow (yellow/greenish-yellow in age). Stains greenish-blue, then grayish-brown. Circular, angular in age (1 – 2/mm). Tubes (7 – 20 mm).

Spores: Olive/brown/gray.

Stalk: 2 – 4.8” x 0.4 – 1” [5 – 12 cm x 1 – 2.5 cm]
 Whitish, sometimes yellow at top w/ reddish flush at base in age. Smooth/slightly reticulate near top. Flesh ometimes stains blue or yellow. Solid/spongy. Often w/ white mycelium at base.

Frequency: Fairly common.

Locations: BIGBR, FARMS, HENPV, HIRIP, LONGC, PIGTL, RKBPR.

References: Bar 162. BBF 342, 366. Bin 73. BRB 136. M&M 396. Phi 258. Roo 318.

None

Boletus pulverulentus



OVERALL: Rocky Gorge Reservoir, 10/6/2008, J Solem]
 CUT (fruiting body): Rocky Gorge Reservoir, 10/6/2008, J Solem.

None

[*Boletus pulverulentus*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	+

ID: Flesh, pores, stalk instantly stain deep blue then gray/brown. Cap yellow-brown, viscid when wet; convex (flatter in age). Pores yellow. Stalk yellow top, reddish-brown below; white mycelium at base.

Habitat: Solitary, groups. On ground in forests.

Cap: 1.5 – 3” [4 – 7.5 cm]

Dark yellow-brown/dark-/reddish-brown. Viscid when wet. Velvety/powdery (smooth/irregular and slightly shiny in age). Convex (nearly flat in age). Thick yellow flesh, instantly staining deep blue.

Pores: Yellow/golden-yellow. Instantly staining deep blue, later tan/brown. Irregular (1 – 2/mm). Tubes (6 – 12 mm).

Spores: Olive-brown.

Stalk: 1.8 – 3.6” x 0.4 – 1” [4 – 8 cm x 1 – 2.5 cm]

Yellow at top, reddish-orange/reddish-brown below. Faint striations. Cylindrical. Flesh instantly bruises black-blue, then gray/brown. White mycelium at base.

Frequency: Uncommon.

Locations: ROGOR.

References: BRB 144. Lae 192. Pac 255. Phi 262. Roo 320.

None

Boletus rubellus [complex]



OVERALL: MPENA, 8/26/2009, ROrr.
 CAP: North Laurel Park, 8/4/2008, J Solem.
 SIDE: North Laurel Park, 8/4/2008, J Solem.

None

Boletus rubellus [complex]
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D			
					+	+	-	-	+	+	-	-	-	-

ID: Flesh, pores, stalk stain bluish-green. Cap dark red; cracked in age, velvety; convex (flatter in age). Pores yellow. Stalk yellow at top, rest w/ reddish dots. Cap and stalk flesh yellow.

Habitat: Solitary, scattered, groups. On ground in hardwood/ mixed forests (especially oak and beech).

Cap: 0.8 – 3.1" [2 – 8 cm]
 Dark red (brick-red in age). Dry, often cracked in age. Velvety. Convex (nearly flat/typically depressed in age). Veil remnant white. Flesh bright yellow, stains blue/bluish-green.

Pores: Yellow. Bruise bluish-green. Typically depressed in age. Angular and thick-walled (1 – 2/mm). Tubes (6 – 10 mm).

Spores: Olive-brown.

Stalk: 1.1 – 3.1 " x 1/4 – 1/2" [3 – 8 cm x 5 – 13 mm]
 Yellow at apex w/ dull reddish dots from base to apex, bruises brown. Equal/tapers down, often w/ narrowed base. Flesh yellow at top, red near base, stains blue/bluish-green. Fibrous.

Frequency: Occasional.

Locations: CASCT, MPENA, NOLAP.

Synonym: *Xerocomus rubellus*.

References: BBF 344, 366. Bin 79. BRB 152. Lae 193. Phi 258. Rog.

Red-mouth Bolete

Boletus subvelutipes [group]



OVERALL: Rockburn Branch Park, 7/28/2010, J Solem.
PORES and STALK: Rockburn Branch Park, 7/28/2010, J Solem.

Red-mouth Bolete

Boletus subvelutipes [group]
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	-	+	-

ID: Cap variable. Pores red to orange. All parts stain blue/blue-black.

Habitat: Solitary, scattered. On ground under hardwoods (oak).

Cap: 2.4 – 5.1" [6 – 13 cm]

Color variable (cinnamon-/yellow-/reddish-brown to reddish-orange/orange-yellow). Convex (broadly convex/nearly flat in age). Finely velvety (finely cracked in age). Dry. Cap, flesh, pores, and stalk quickly stain blue/blue-black. Flesh yellow, stains blue instantly, fades to white.

Pores: Red to orange (paler in age). Circular (1 – 2/mm). Tubes (8 – 26 mm). Stain dark blue/blue-black quickly when bruised.

Spores: Pale brown.

Stalk: 1.1 – 4" x 3/8 – 3/4" [3 – 10 x 1 – 2 cm]

Reddish-yellow w/ red dots. Young specimens w/ yellow stiff hairs at base (dark red in age).

Frequency: Uncommon.

Locations: HAMVL, RKBPR.

Notes: 

References: Bin 85. BBF 347, 367. BRB 167, 315. Kuo.

None

Boletus variipes



OVERALL: Hammond Schools, 8/25/2010, J Solem.
 PORES and STALK: Hammond Schools, 8/25/2010, J Solem.

None

[*Boletus variipes*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
				-	-	-	-	-	+	-	-

ID: Brownish cap, white pores; tan, sometimes reticulated stalk. Use KOH and NH₄OH.

Habitat: Scattered, groups. Under hardwoods (occasionally conifers).

Cap: 2.4 – 8" [6 – 20 cm]
 Brown, grayish-/yellowish-brown. Convex (broadly convex/flat in age). Dry. Velvety (cracks in age). Flesh white. Cap stains dark amber w/ purplish-black zone w/ KOH or NH₄OH. Flesh stains pale pinkish-orange, then grayish w/ KOH.

Pores: White (yellowish-olive in age). Circular (1 – 2/mm). Tubes (1 – 3 cm).

Spores: Olive-brown.

Stalk: 3.1 – 6" x 0.4 – 1.4" [8 – 15 cm x 1 – 3.5 cm]
 Whitish to yellowish-/grayish-brown. Reticulated or not. Equal or tapers up. Solid.

Frequency: Uncommon.

Locations: HAMVL.

References: BBF 326key. BRB 168, 316. Phi 269.

None

Boletus vermiculosoides



CAP: MPENA, 7/22/2010, J Solem.

PORES and STALK: MPENA, 7/22/2010, J Solem.

CHEWED CAP: MPENA, 7/22/2010, J Solem.

None

[*Boletus vermiculosoides*](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	---	---	---

ID: Yellow (brown in age); top a little woolly; yellow flesh. Pores dark brown. Stalk brown over pale yellow. All parts stain blue, then dark or orangish-brown. Use NH₄OH and KOH.

Habitat: Solitary, scattered, groups. On ground under oak.

Cap: 1.5 – 4.8" [4-12 cm]

Yellow (brown in age). Convex (broadly convex in age). Dry. A little woolly. Flesh yellow (pale yellow in age), turns blue immediately when cut. Odor disagreeable.

Pores: Dark brown (paler in age). Stain blackish-blue, then slowly dull brownish-orange. Circular/angular (2-3/mm). Tubes (6-20 mm).

Spores: Olive-brown.

Stalk: 1.5 – 4" x 0.4 – 0.8" [4 – 10 cm x 1 – 2 cm]

Brownish-pruinose over dull whitish/pale yellow ground color w/ olive tints. Stains blue, then dark brown.

Frequency: Uncommon.

Locations: BIGBR, MPENA.

Notes: Cap turns mahogany-red/very dark brown w/ NH₄OH or KOH. Blued flesh yellow-orange/deep yellow, then white w/ NH₄OH or KOH.

References: Bin 91. BBF 347, 367. BRB 169, 316. Roo 293

None

Boletus vermiculosus [cluster]



OVERALL: Big Branch, 8/5/2009, *J Solem*.
 OVERALL (old): Pigtail, 6/18/2009, *R Solem*.
 PORES and STALK: Savage Park, 9/18/2008, *J Solem*.
 CAP: Pigtail, 9/7/2009, *J Solem*.
 PORES and STALK: Pigtail, 9/7/2009, *J Solem*.

None

Boletus vermiculosus [cluster]
 Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	+	-	-	+	+	+

ID: Cap, pores, stalk instantly stain deep blue. Pores deep red. Cap tan/brown, velvety; convex (flat in age). Stalk light yellow w/ brownish pruinescence. Use KOH and NH₄OH.

Habitat: Solitary, scattered, groups. On ground in hardwood forests (oak).

Cap: 1.5 – 4.5" [4 – 11.5 cm]
 Brown to date-brown. Dry. Dull, velvety at first, sometimes cracked in age. Convex/broadly convex (flat in age). Margin inrolled at first. White/light yellow flesh (8 mm) instantly (or slowly) staining dark blue when bruised. Cap stains vinaceous w/ KOH or NH₄OH.

Pores: Dark-/coffee-/orange-brown. Instantly staining blackish-blue. Angular (2 – 3/mm). Tubes (6 – 20 mm).

Spores: Olive-brown/tan.

Stalk: 1.6 – 3.5" x 0.4 – 0.8" [4 – 9 cm x 1 – 2 cm]
 Light yellow w/ brownish pruinescence. Tapers up. Flesh light yellow, instantly staining dark blue.

Frequency: Occasional.

Locations: BIGBR, FARMS, PIGTL, SAVPK.

Notes: Tubes on one specimen were only 1 mm long. Kuo: *Boletus vermiculosoides* lacks yellow tones in the cap.

References: BBF 348, 367. BRB 170. Phi 270. Roo 293fn.

None

Bothia castanella



CAP: Rockburn Branch Park, 8/25/2010, J Solem.

None

[Bothia castanella](#)
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-

ID: Reddish-brown, convex, buff gills. Use KOH and NH₄OH.

Habitat: Solitary, scattered, groups. Under oaks.

Cap: 1.1 – 3.1" [3 – 8 cm]

Reddish-/burgundy-/darker yellow-brown. Convex (flat or shallowly depressed in age). Dry. Densely tomentose (nearly smooth in age). Margin even/wavy or irregular.

Pores: Pinkish-buff/tan/buff (darker yellowish-brown in age). Stains ochraceous-tawny. Angular/elongated, radiating (2 mm). Tubes (6 mm).

Spores: Pale ochre-brown.

Stalk: 0.8 – 2.8" x 1/4 – 3/4" [2 – 7 cm x 6 – 20 mm]

Color of cap or paler. Smooth or reticulate at top. Equal (or slight taper either way). Solid.

Frequency: Uncommon.

Locations: RKBRP.

Notes: With KOH, cap dark brown, then amber/yellowish amber; variable w/ NH₄OH. Flesh pale brown w/ KOH; pale yellow w/ NH₄OH.

Synonyms: *Suillus castanellus*. *Boletinus castanellus*. *Boletinus squarrosoides*.

References: Bin 217. BBF 334key. BRB 232, 334. Roo 309.

Purple-red Bolete

Chalciporus rubinellus



OVERALL: MPENA, 7/22/2010, *R Solem*.
PORES and STALK: MPENA, 7/22/2010, *R Solem*.

Purple-red Bolete

[*Chalciporus rubinellus*](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	---	---	

ID: Rose-red velvety cap, pores, and stalk. Flesh bright yellow.

Habitat: Solitary, scattered, groups. On ground in mixed woods.

Cap: 0.8 – 1.8" [2 – 4.5 cm]
Red/reddish (yellow in age). Broadly conic (broadly convex in age). Dry, viscid when moist. Velvety/ somewhat tomentose. May crack in age. Flesh bright yellow.

Pores: Rose-red (dull rose-red/rose-pink in age). Angular (1-2/mm). Tubes (6-10 mm).

Spores: Brown.

Stalk: 0.8 – 1.4" x 1/4 - 1/2" [2 – 3.5 cm x 6 – 12 mm]
Red/reddish (yellowish in age). Nearly equal. Solid.

Frequency: Uncommon.

Locations: MPENA.

Synonym: *Boletus rubinellus*.

References: BRB 174, 318.

Chestnut Bolete



Gyroporus castaneus



OVERALL: Henryton, 8/25/2010, R Orr.
SIDE: Western Regional Park, 8/21/2010, J Solem.
PORES and STALK: Western Regional Park, 8/21/2010, J Solem.

Chestnut Bolete

[*Gyroporus castaneus*](#)
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D			
					-	-	-	-	+	+	-	-	-	-

ID: Chestnut color, rounded cap; velvety/smooth. Margin may split in age. Pores whitish. Stalk brittle.

Habitat: Solitary, scattered, groups. On ground in mixed hardwood/conifer forests.

Cap: 1.1 – 4” [3 – 10 cm]
Chestnut-/yellow-/orange-brown. Rounded/broadly convex (flat/slightly depressed in age). Finely velvety/nearly smooth. Dry. Margin often splits/flare in age. Flesh white, brittle.

Pores: Whitish/buff/yellowish. Circular (1 – 3/mm). Tubes (5 – 8 mm).

Spores: Pale yellow/buff.

Stalk: 1.1 – 3.5” x 1/4 – 5/8” [3 – 9 cm x 6 – 16 mm]
Color of cap or lighter at apex. Surface uneven, lacks reticulation. Thicker in middle. Stuffed but hollow in age. Brittle.

Notes: Cap stains yellow, then bleaches white w/ KOH; stains amber-orange w/ NH₄OH.

Frequency: Occasional.

Locations: HENPV, MPENA, PIGTL, SUKBR, WESRP.

References: BBF 350, 368. BRB 189. Lin 575, 384. McK 110, 11. M&M 367. Phi 274. Roo 331.

Red Gyroporus

Gyroporus purpurinus



TOP: Duvall Road, 9/14/2009, *J Solem*.

PORES, STALK and CAP: Duvall Road, 9/14/2009, *R Solem*.

Red Gyroporus

[*Gyroporus purpurinus*](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+-			

ID: Cap vinaceous red; uneven; convex (flatter in age). Pores white (yellow in age). Stalk color of cap.

Habitat: Solitary, scattered. On ground in hardwood forests (oak).

Cap: 0.4 – 3.5" [1 – 9 cm]

Vinaceous red/burgundy. Dry. Uneven, minutely velvety. Broadly convex (flatter and somewhat sunken in age). Margin even. Flesh (4 mm) white, hard, brittle.

Pores: White (slowly aging yellow). Typically depressed near stalk in age. Circular (1 – 3/mm). Tubes (5 – 8 mm).

Spores: *Bright yellow*.

Stalk: 1.2 – 2.4" x 1/8 – 3/8" [3 – 6 cm x 3 – 8 mm]

Color of cap or browner. Dry, somewhat roughened/velvety, lacks reticulation. Hollow in age.

Frequency: Uncommon.

Locations: TUFTS.

References: BRB 191. Lin 576, 411. Kuo. Rog.

None

Leccinellum albellum



OVERALL: Long Corner, 8/7/2009, R Solem.
 PORES AND STALK: Long Corner, 8/7/2009, J Solem.

None

Leccinellum albellum
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	+	+	-	-

ID: Cap color variable (whitish/brownish/gray); pitted and cracked in age; hemispheric. Pores white (brownish in age). Stalk whitish or colored like cap, rough w/ whitish scabers.

Habitat: Solitary, groups. On ground in hardwood forests (especially oak).

Cap: 1 – 2.5" [2.5 – 6.5 cm]
 Variable (whitish/grayish-buff/pale tan/brownish-gray). Dry. Smooth to pitted; cracked in age. Hemispheric. Flesh white.

Pores: White (yellowish-gray/brownish in age). Angular (< 1/mm). Tubes (<= 10 mm).

Spores: Brown/olive-brown.

Stalk: 1.6 – 3.5" x 0.2 – 0.5" [4 – 9 cm x 5 – 12 mm]
 Whitish or colored like cap. Surface rough (whitish/brown scabers in lines in age). Cylindrical/tapers up. Solid/stuffed.

Frequency: Occasional.

Locations: BIGBR, LONGC, WESRP.

Synonym: *Leccinum albellum*.

References: Bin 165. BRB 194. M&M 371. Roo 332. Phi 279. Kuo.

Gray Bolete

Retiboletus griseus



OVERALL: North Laurel Park, 8/11/2008, J Solem.

Gray Bolete

[*Retiboletus griseus*](#)
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	+	+	+	-

ID: Cap brownish-gray(yellow/ochre tints in age); convex (flat in age); flesh may stain. Pores whitish, may stain brownish-gray. Stalk whitish w/ yellow reticulation.

Habitat: Solitary, scattered. On ground in mixed forests (especially oak).

Cap: 1.1 – 3.1” [3 – 8 cm]
Pale/dark/brownish-gray (sometimes w/ yellow/ochre tints in age). Dry. Dark fibers, smooth and dull (often scaly in age). Convex (almost flat in age). Flesh whitish w/ yellow-brown around pores. Stains dingy red/brown (or not).

Pores: Whitish/grayish/dingy gray-brown (not yellow). Stains brownish/gray. Circular (1 – 2/mm) Tubes (8 – 20 mm).

Spores: Ochre/yellow-brown.

Stalk: 1.6 – 5.8” x 0.4 – 1.4” [4 – 14.5 cm x 1 – 3.5 cm]
Whitish/grayish (yellow tones from base up in age and may have reddish stains). Yellow reticulation becoming dark in age. Flesh yellow, solid.

Frequency: Fairly common.

Locations: FARMS, HAMVL, NOLAP, PIGTL, RKBPR, WESRP.

Synonym: *Boletus griseus*.

References: Bar 165 BBF 340, 365. Bin 55. BRB 116. Lin 570fn. Phi 266. Roo 302.

Ornate-stalked Bolete
Goldstalk

Retiboletus ornatipes



OVERALL: North Laurel Park, 8/4/2008, *J Solem*.
PORES and STALK: North Laurel Park, 8/4/2008, *J Solem*.

Ornate-stalked Bolete
Goldstalk

[Retiboletus ornatipes](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	+	-	-

ID: Cap variable (gray to brown), center often darker, velvety; convex (flat in age); flesh yellow. Pores yellow, stain brighter. Stalk golden-yellow (darker in age), coarse reticulation.

Habitat: Solitary, close groups. On ground in hardwood forests, often in disturbed areas.

Cap: 1.6 – 6.3" [4 – 16 cm]

Variable (pale-/purplish-gray, yellow, olive, or brown), often dark at center to yellow at margin. Dry. Velvety. Convex (nearly flat in age). Flesh yellow, thick.

Pores: Yellow; staining brighter or yellow-brown. Attached. Circular (1 – 2/mm). Tubes (4 – 15 mm).

Spores: Olive/gray-brown/dark yellow-brown.

Stalk: 3.1 – 6" x 0.4 – 1" [8 – 15.5 cm x 1 – 2.5 cm]

Golden-yellow (brownish in age). Coarse and raised reticulation. Cylindrical/slightly tapered upward. Flesh bruises darker orange-yellow. Solid.

Frequency: Occasional.

Locations: BIGBR, NOLAP, PIGTL, RKBRP.

Synonyms: *Boletus ornatipes*. *Boletus retipes*.

References: Bin 71. BRB 134. Lin 570, 418. M&M 391. BBF 342. Bar 161. McK 107, 13. Phi 264. Roo 304.

Old Man of the Woods

Strobilomyces confusus
Strobilomyces strobilaceus



OVERALL (*S. confusus*): Rockburn Branch Park, 8/25/2010, R Orr
 OVERALL (*S. strobilaceus*): P igtail, 8/29/2010, R Orr
 PORES (old): David Force WMA, 7/12/2008, J Solem.
 TOP: North Laurel Park, 8/4/2008, J Solem.
 SIDE (young): Savage Park, 6/25/2009, R Solem.

Old Man of the Woods

[*Strobilomyces confusus*](#)
[*Strobilomyces strobilaceus*](#)
 Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+++	++-	+++	++-	---	

ID: Cap grayish w/ coarse gray/blackish scales; conic/ convex (flatter in age). Flesh, pores, stalk stain reddish-orange then black. Pores white (gray-black in age). Stalk reticulate at top, shaggy below ring.

Habitat: Solitary, scattered. On ground or well-rotted wood in hardwood/mixed forests.

Cap: 1.1 – 6” [3 – 15.5 cm]
 Whitish/grayish ground color, covered w/ gray/purplish- gray/ blackish scales (coarse, woolly, or cottony; flattened or erect). Convex/broadly convex (flattened in age). Margin w/ cottony pieces of grayish, torn partial veil. Flesh nearly white, quickly stains orange-red/orange, then black.

Pores: White, then gray; black in age. Stains reddish, then black. Attached/near decurrent. Angular (1 – 2mm). Tubes (10 – 15 mm).

Spores: *Black.*

Stalk: 1.6 — 4.8” x 0.4 – 1” [4 – 12 cm x 1 – 2.5 cm]
 Grayish. Reticulate at top. Shaggy below ring. Partial veil grayish, cottony/woolly, leaving one or more rings/shaggy zones. Cylindrical/enlarged base. Solid. Whitish; stains reddish-orange, then black.

Frequency: Common.

Locations: BIGBR, DFWMA, HENPV, HIRIP, HOUOS, LONGC, NOLAP, PIGTL, RKBRP, ROGOR, SAVPK, SVMLT.

Notes: Species distinguished by microscopic examination of spores: *Strobilomyces confusus* (RKBRP) and *Strobilomyces strobilaceus* (PIGTL). Top two photos were identified by examination of spores, bottom three were not.

Synonym: *Strobilomyces floccopus* (for *S. strobilaceus*).

References: Bar 159, 65. BBF 345, 10. Bin 213, 215. Lae 185. Lin 580, 581, 379. McK 112, #12. M&M 388, 388fn. Phi 285.

Chicken-fat Suillus
American Slippery Jack

Suillus americanus



OVERALL (old): North Laurel Park, 7/29/2008, J Solem.
PORES: Rockburn Branch Park, 8/25/2010, R Orr.

Chicken-fat Suillus
American Slippery Jack

Suillus americanus
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	+	---	---

ID: Cap golden-yellow, lumpy; obtuse/convex (broadly convex in age). Pores yellow (darker in age). Stalk yellow w/ reddish glandular dots; attached to soil by coarse brownish-white strands. Flesh, pores, stalk stain brownish.

Habitat: Solitary, groups. Under white pines (obligate).

Cap: 1.1 – 4" [3 – 10 cm]

Golden-/ochre-yellow w/ cinnamon/reddish-brown patches/streaks. Sticky/slimy when wet. Obtuse/convex (sometimes flat/broadly convex in age), occasionally w/ umbo. Margin inrolled w/ white/yellow/pale brown cottony veil tissue. Flesh yellow, thin, stains purple-brown.

Pores: Yellow (browner in age). Slowly stains reddish brown. Often decurrent. Angular, occasionally radially elongated (1 – 2 mm wide). Tubes (7 – 10 mm).

Spores: Brown/dull cinnamon.

Stalk: 1.2 – 3.5" x 1/8 – 3/8" [3 – 9 cm x 3 – 10 mm]

Yellow, speckled w/ reddish/dark-brown glandular dots/smears. Often bruises wine-red/wine-brown. Veil typically does not leave a ring. Base attached to mossy soil by coarse, brownish/white strands.

Frequency: Uncommon.

Locations: NOLAP, RKBRP.

Notes: Stains fingers brownish.

Synonym: *Boletus americanus*.

References: Bar 177. BBF 354, 369. BRB 227. Lae 200fn. Lin 581, 416. M&M 361. Mck 113, 12. Phi 288. Roo 335. Rus 172, 85.

Granular-dotted Bolete

Suillus granulatus



SIDE and CAP: Big Branch, 9/7/2009, *J Solem*.
 PORES and STALK: Big Branch, 10/16/2008, *J Solem*.
 CAP: Big Branch, 10/16/2008, *J Solem*.
 GLANDULAR DOTS ON STALK: Schooley Mill Park, 10/12/2010, *J Solem*

Granular-dotted Bolete

Suillus granulatus
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	+	+

ID: Stalk whitish (yellowish in age) covered w/ copious pinkish/brownish dots/smears. Cap variable (tan to orangish-cinnamon), broadly convex; flesh stains yellow in age, not blue. Pores whitish (yellowish in age).

Habitat: Scattered, groups. On ground under pines.

Cap: 2 – 4.8” [5 – 12 cm]
 Variable (tan, brown, cinnamon, orangish-cinnamon). Sticky/shiny when fresh. Broadly convex, Margin even, lacks veil remnants. Flesh (13 mm) pallid, slowly stains yellow in age, does not stain blue.

PORES: Whitish (yellowish in age). Stains/ages dull cinnamon. Attached. Irregular (1/mm). Tubes (4 – 10 mm).

SPORES: Light brown/reddish-brown.

STALK: 1.6 – 3.1” x 0.3 – 1” [4 – 8 cm x 1 – 2.5 cm]
 Whitish (yellowish in age, especially at top). Covered w/ conspicuous pinkish-tan/brownish glandular dots/ smears. Cylindrical/tapered downward. Solid.

FREQUENCY: Fairly common.

LOCATIONS: BIGBR, BRNBR, DFWMA, GUIPK, LONGC, RIVHL, RKBPR, ROGOR, SLMLP.

SYNONYM: *Boletus granulatus*.

REFERENCES: Bar 174. BBF 355, 369. BRB 237. Lae 200. Lin 584, 376. M&M 358. McK 115, #11. Pac 252. Phi 290. Roo 336. Rus 121, #66.

Painted Bolete

Suillus pictus



SIDE: Long Corner, 6/27/2009, R Solem.

CAP: Long Corner, 6/27/2009, J Solem.

PORES and STALK: Long Corner, 6/27/2009, R Solem.

Painted Bolete

Suillus pictus
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	+	---	---	---	---	---

ID: Cap yellow, covered w/ conspicuous pink/dark red patches/scales; convex (flatter in age); flesh yellow. Pores yellow/dingy-yellow; not easily separated from cap. Stalk covered w/ reddish scales/patches.

Habitat: Scattered, groups. On ground under white pine (obligate).

Frequency: Fairly common.

Cap: 1.1 – 4.8" [3 – 12 cm]

Yellow flesh covered w/ conspicuous pink/red/dark red patches/scales. Convex (broadly convex/nearly flat in age). Margin inrolled (decurved in age). Flesh yellow, may stain slightly reddish.

Pores: Yellow/dingy yellow. May stain reddish/brownish. Slightly decurrent. Angular, somewhat radially arranged (hexagonal; 0.5 – 5 mm). Tubes (4 – 8 mm, < flesh layer) not easily separated from cap.

Spores: Brown.

Stalk: 1.6 – 4.8" x 0.4 – 1" [4 – 12 cm x 1 – 2.5 cm]

Covered w/ reddish scales/fibers/patches. No glandular dots/smears. Veil on young specimens may leave grayish ring. Equal. Solid.

Frequency: Uncommon.

Locations: LONGC.

Synonyms: *Suillus spraguei*. *Boletinus pictus*.

References: Bar 173. BBF 357, 370. BRB 246. Lae 201. Lin 587, 391. M&M 359. McK 118, #11. Phi 286. Roo 288. Rus 122, #67.

Spicy Suillus

Suillus punctipes



SIDE: Guilford Park, 9/30/2009, J Solem.

CAP: Guilford Park, 9/30/2009, R Solem.

PORES and STALK: Guilford Park, 9/30/2009, R Solem.

Spicy Suillus

Suillus punctipes
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D	
						-	-	-	-	+	-	+

ID: Stalk densely covered w/ brown dots/smears (not reticulate). Stains fingers yellow/brownish. Cap ochre/orange. Pores orange-brown. Stalk dull ochre-orange in age. Odor. Use KOH and NH₄OH.

Habitat: Scattered, groups. On ground under conifers.

Cap: 1.1 – 4" [3 – 10 cm]

Dull ochre-orange, darker umbo. Smooth, sticky; surface covered w/ tufts of tiny gray/brown matted fibers when young. Conic. Margin even or w/ narrow tissue band. Flesh pale yellow/yellow-orange (turns rosy-brown when cut, not bluing). Odor spicy/pungent, less agreeable in age.

Pores: Brown (orange-brown/dark to dingy yellow in age). May stain brownish. Attached. Circular/angular (1 – 2/mm). Tubes (6 – 12 mm).

Spores: Brown.

Stalk: 1.6 – 3.5" x 3/8 – 5/8" [4 – 9 cm x 1 – 1.6 cm]

Dull orangish-brown (dull ochre-orange/ochre-yellow in age). Densely covered w/ brown/dark brown glandular dots/smears, not reticulate. Solid/stuffed. Equal, often curved.

Frequency: Uncommon.

Locations: GUIPK.

Notes: Stains fingers brownish or yellow. KOH on cap stains dull purple; on flesh purplish. NH₄OH on flesh stains reddish.

References: BBF 358, 370. BRB 249. Phi 290. Roo 295.

Slippery Jill

Suillus salmonicolor



PORES, STALK, RING: Rockburn Branch Park, 10/18/2010, J Solem.
 CAP: Rockburn Branch Park, 10/18/2010, J Solem.
 BUTTON STAGE and SPLIT: Rockburn Branch Park,
 10/18/2010, J Solem.

Slippery Jill

[*Suillus salmonicolor*](#)
 Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	-	-
									+		

ID: Cap varies yellow to brown, very slimy when wet; convex/nearly plane. Pores dingy yellow (brownish in age). Stalk yellow w/ reddish glandular dots. Use NH₄OH and KOH.

Habitat: Scattered, groups. Under pines.

Cap: 1.1 – 3.8” [3 – 9.5 cm]

Variable (dingy yellow, yellowish-orange, ochraceous-salmon, cinnamon-/olive-/yellow-brown. Dry: shiny. Wet: sticky/slimy. Bluntly rounded/convex/nearly plane. Flesh yellow/orange/ orange-buff.

Pores: Yellow/dingy yellow/yellowish-orange/salmon (brownish in age). Circular/angular (1 – 2/mm). Tubes (8 – 10 mm).

Spores: Brown/cinnamon-brown.

Stalk: 1 – 4” x 1/4 – 5/8” [2.5 – 10 cm x 6 – 16 mm]

Whitish/yellowish/pinkish-ochraceous, speckled w/ reddish-/dark-brown glandular dots/smears. Veil leaves a ring.

Frequency: Uncommon.

Locations: RKBRP.

Notes: Button and very young w/ thick sticky partial veil. Cap purplish-red, then purplish-black w/ NH₄OH or KOH. Flesh dark purplish-red w/ NH₄OH or KOH.

Synonyms: *Suillus subluteus*. *Suillus pinorigidus*. *Suillus cothurnatus*.

References: Bar 171. BBF 358, 370. BRB 250, 340. Lin 589, 371. M&M 365. Roo 286fn.

Black Velvet Bolete

Tylopilus alboater



OVERALL: Pigtail, 7/15/2010, R Solem.

CAP: Pigtail, 7/15/2010, J Solem.

PORES and STALK: Pigtail, 7/15/2010, J Solem.

SPLIT (young): Cascade Trail, 6/25/2010, J Solem.

Black Velvet Bolete

Tylopilus alboater
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	+	+	---	+	---	

ID: Cap dark grayish-brown (stains reddish-gray, then black); convex (flatter in age). Pores white/gray (stain reddish, then black). Stalk w/ slight reticulation (near apex). Flesh stains pinkish-orange w/ KOH.

Habitat: Solitary, groups. On ground under hardwoods (especially oaks).

Cap: 1.1 – 5.8" [3 – 15 cm]

Black/dark grayish-brown (white bloom in youth); stains pinkish-reddish-gray, then black. Dry. Finely velvety (occasionally finely cracked in age). Convex (broadly convex/flat in age). Margin extends slightly beyond pores. Flesh white/gray; tastes somewhat sweet.

Pores: White/gray (pinkish/flesh-colored in age). May stain reddish and become black. Pores (2/mm) angular/irregular. Tubes (2 – 10mm).

Spores: Pinkish/deep flesh color.

Stalk: 1.5 – 4" x 0.6 – 1.5" [4 – 10 cm x 1.5 – 4 cm]

Colored like cap or paler. Equal/tapers up. Solid. Slight reticulation near apex.

Frequency: Occasional.

Locations: CASTR, PIGTL, MPENA.

References: BBF 359, 371. Bin 227. BRB 256, 341. Lin 590, 377. M&M 379. Phi 282. Roo 337.

Bitter Bolete

Tylophilus felleus



OVERALL: Big Branch,10/16/2008, J Solem.
SIDE: Big Branch,10/16/2008, J Solem.
PORES and STALK: Big Branch,10/16/2008, J Solem.

Bitter Bolete

Tylophilus felleus
Boletaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	+	+
					-	-	-	-	+	+	-

ID: Cap pinkish-purple (shades of brown/tan in age); rounded/convex (flatter in age). Pores white (darker in age). Stalk w/ prominent brown reticulation (at least upper 1/3). Use NH₄OH and KOH.

Habitat: Solitary, groups. On ground or decaying wood in forests.

Cap: 2 – 11.8” [5 – 30 cm]
Pinkish/reddish-purple (tan/brown/buff in age); often slowly stains brown/orange-yellow. Dry. Minutely felty (smooth in age); sometimes sticky when wet. Rounded/convex (broadly convex/flat in age). Margin may become pitted in age. Flesh (12 – 14 mm) white and spongy; very bitter. May slowly stain pinkish when cut.


Pores: White; pinkish/pinkish-tan in age. May stain reddish/ brown. Attached/subdecurrent. Nearly circular (1 – 2/mm). Tubes (10 – 20 mm).

Spores: Pinkish-brown/reddish-brown/rosy-brown.

Stalk: 1.5 – 7.9” x 0.4 – 1.2” [4 – 20 cm x 1 – 3 cm]
Brown/white above, brown below. Often bruises olive/ olive-brown. Prominent brown reticulation (over upper third). Tapers up, bulbous. Solid.

Frequency: Occasional.

Locations: BIGBR, LONGC, MPENA, PIGTL, RKBRP.

Notes:  KOH and NH₄OH stain cap amber-/reddish-orange. KOH stains flesh greenish-olive. NH₄OH on flesh flashes pale yellow surrounded by pale blue.

References: Bar 168. BBF 361, 371. Bin 233. BRB 263. Lae 186. Lin 593, 382. M&M 377. Mck 122, 12. Pac 241. Phi 284. Roo 310.

Violet-gray Bolete

Tylopilus plumbeoviolaceus



OVERALL: Big Branch, 8/3/2008, J Solem.
 SIDE: North Laurel Park, 8/4/2008, J Solem.
 PORES and CAP: Pigtail, 9/7/2009, R Solem.
 PORES and STALKS (young): Pigtail, 9/7/2009, R Solem.
 CAPS: Pigtail, 9/7/2009, J Solem.

Violet-gray Bolete

[*Tylopilus plumbeoviolaceus*](#)
 Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	+	+	-

ID: Cap purple-brown, velvety; convex (flatter in age). Pores off-white (darker in age). Stalk purplish. Very bitter.

Habitat: Scattered, groups, clusters. On ground in hardwood/ oak-pine forests; on grass/moss.

Cap: 1.5 – 5.9" [4 – 15 cm]
 Purple (purple-brown/purple-gray/brown/dull cinnamon/tan in age); occasionally overlaid w/ whitish bloom. Dry. Velvety, sometimes cracking in age. Convex (flat in age). Margin inrolled at first. Flesh white, very bitter.

Pores: White/off-white (pinkish/dull pinkish-tan in age). Attached. Nearly circular (1 – 2/mm). Tubes (4-18 mm, > cap flesh).

Spores: Pinkish-brown/dull yellowish-pink.

Stalk: 3.1 – 4.8" x 0.4 – 0.8" [8 – 12 cm x 1 – 2 cm]
 Predominately violet/purple (sometimes marbled w/ white, dull purple/purple-gray/purple-brown/brown in age). May bruise olive/olive-brown. Sometimes slightly reticulate at top. Cylindrical/tapered upward, base white/stained olive. Solid, then stuffed; hollow in age.

Frequency: Fairly common.

Locations: BIGBR, HAMVL, LONGC, MPENA, NOLAP, ORRBB, PIGTL, RKBRP, SVMLT.

References: BBF 362, 371. Bin 239. BRB 268. Lin 594, 381. M&M 380. McK 124, 12. Phi 282. Rus 124, 68.

Reddish-brown Bitter Bolete

Tylopilus rubrobrunneus



OVERALL: (young) Big Branch, 8/3/2008, *J Solem*.
 OVERALL: (young) Big Branch, 8/3/2008, *J Solem*.
 CAPS, PORES, and STALK: Beaverbrook, 9/6/2009, *R Orr*.

Reddish-brown Bitter Bolete

Tylopilus rubrobrunneus
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	+	+	-	-

ID: Cap bright purple (purple-brown in age), velvety; convex (flat in age). Pores white (dingy pinkish-brown in age). Stalk white/brown, often enlarging downward. Very bitter.

Habitat: Scattered, groups, clusters. On ground in hardwood or oak-pine forests.

Cap: 3.1 – 11.8" [8 – 30 cm]
 Dark/bright purple (purple-/dark reddish-brown in age). Dry. Velvety. Convex (nearly flat in age). Margin inrolled at first. Flesh white, very bitter.

Pores: White (becoming pinkish to dingy pinkish-brown in age). Usually stain brown. Circular (1 – 2/mm). Tubes (8 – 20 mm).

Spores: Reddish-brown/dull pinkish-brown.

Stalk: 2.4 – 7.8" x 0.4 – 2" [6 – 20 cm x 1 – 5 cm]
 White/brown, develops olive/olive-brown stains from base up. Finely reticulate at apex, smooth below. Equal/tapers up. Solid.

Frequency: Occasional.

Locations: LONGC, ORRBB, RKBPR.

Notes: Spores (*R. Orr* microscopic examination) of specimen in photo 3 were most like *T. rubrobrunneus*.

References: Bin 245. BBF 362, 372. BRB 271. Lin 593. M&M 380. McK 123. Roo 340.

Spotted Bolete

Xanthoconium affine



OVERALL: Hammond Village, 9/3/1979, J Solem.

Spotted Bolete

[*Xanthoconium affine*](#)
Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	-	-

ID: Cap reddish-/orange-brown, mottled w/ pale spots. Pores white (yellow in age), bruise ochre. Stalk whitish, stains pinkish-tan.

Habitat: Scattered, close groups. On ground in mixed forests.

Cap: 1.4 – 4” [3.5 – 10 cm]

Reddish-brown/brown or orange-/yellow-brown, mottled w/ white/pale yellow spots. May slowly stain yellow. Smooth/ roughened. Convex. Flesh white.

Pores: White/pinkish-white (yellow in age). Depressed near stalk in age. Stain yellow/olive-ochre. Circular (1 – 2/mm). Tubes (8 – 14 mm).

Spores: Yellow-brown/amber.

Stalk: 1.1 – 4” x 0.3 – 0.8” [3 – 10 cm x 1 – 2 cm]

Whitish; tinged yellowish. Bruising pinkish-tan/brown. Often enlarged base. Flesh pinkish.

Frequency: Uncommon.

Locations: HAMVL.

Notes: *Var maculosus* is spotted; *var affinis* is not.

Synonym: *Boletus affinis*.

References: Bar 161. BBF 336, 364. Bin 249. BRB 275. Lin 565, 383. M&M 389. McK 103, 13. Phi 256. Roo 342. Rus 117, 63.

Polypores

GENERA IN ALPHABETIC ORDER

(as they appear in the guide)



<i>Bjerkandera</i>	<i>Merulius</i>
<i>Cerrena</i>	<i>Onnia</i>
<i>Coltricia</i>	<i>Phaeolus</i>
<i>Cryptoporus</i>	<i>Phellinus</i>
<i>Daedalea</i>	<i>Phlebia</i>
<i>Daedaleopsis</i>	<i>Polyporus</i>
<i>Fistulina</i>	<i>Poronidulus</i>
<i>Fomes</i>	<i>Postia</i>
<i>Fomitopsis</i>	<i>Pseudochaete</i>
<i>Ganoderma</i>	<i>Pycnoporellus</i>
<i>Gloeophyllum</i>	<i>Pycoporus</i>
<i>Grifola</i>	<i>Royoporus</i>
<i>Hapalopilus</i>	<i>Sarcodon</i>
<i>Hericium</i>	<i>Steccherinum</i>
<i>Hydnellum</i>	<i>Stereum</i>
<i>Hydnophlebia</i>	<i>Thelephora</i>
<i>Hydnum</i>	<i>Trametes</i>
<i>Irpex</i>	<i>Trametopsis</i>
<i>Ischnoderma</i>	<i>Trichaptum</i>
<i>Laetiporus</i>	<i>Tyromyces</i>
<i>Lenzites</i>	<i>Xylobolus</i>
<i>Meripilus</i>	

Smoky Polypore

Bjerkandera adusta



OVERALL: Annapolis Rock, 11/19/2010, *J Solem*.
UPPER SURFACE: Annapolis Rock, 11/19/2010, *J Solem*.
PORES: Annapolis Rock, 11/19/2010, *J Solem*.

Smoky Polypore

Bjerkandera adusta
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
										+	+

ID: Dead wood. Gray-brown bracket w/ gray pores.

Habitat: Fused clusters. Dead wood of hardwoods & conifers. Usually overwinters. Gray-brown (darker in age).

Fruiting Body 3/4 – 1.2" x 3/8 – 3/4" [2 – 4 cm x 1 - 2 cm] Gray-brown w/ white margin (darker w/ black margin in age). Leathery, often w/ matted hair. Bracket-/shelf-like often fused. Flesh to 1/4" [6 mm].

Pores: Smoke-gray (darkens in age). Circular/angular (4-6/mm). Tubes (2 mm).

Spores: White.

Frequency: Uncommon.

Locations: ANNRK, RKBPR.

References: Bar 151. Bin 315. BBF 392fn. Lin 445, 582. Phi 317. Kuo.

None

Cerrena unicolor



OVERALL (young, mature and old specimens): High Ridge Park, 9/9/2009, R Solem.
 UPPER SURFACE (old w/ algae); Wincopin, 5/1/2009, J Solem.
 PORES (old): Wincopin, 5/1/2009, J Solem.

None

Cerrena unicolor
 Polyporaceae



J	F	M	A	M	J	J	A	S	O	N	D	
+	-	-	+	+	+	+	+	+	+	-	+	-

ID: Body color variable (brown w/ white margin when young; gray when mature; green w/ algae when old); kidney-/fan-shaped; concentrically zoned, velvety/hairy. Pores whitish (gray in age); small and round when young, slot-/tooth-like when mature.

Habitat: Overlapping clusters. Dead hardwood logs, stumps..

Fruiting Body: 0.2 – 3” [0.5 – 7.5 cm]

Whitish/brownish when young w/ white margin, whitish (often green from algae) in age. Velvety to hairy, usually concentric rings of texture or color (more obvious when young). Kidney-/fan-shaped, thick. Margin wavy. Flesh white. Unpleasant odor when cut.

Pores: Whitish (gray in age); smaller when young (2 – 3/mm), more round; maze-/slot-/tooth-like in age. Tubes (<=4 mm).

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, CEDLP, CENPK, DANPV, FULSA, GONRA, HENPV, HIRIP, HOLLO, HOUOS, HOWCH, MPENA, MTPLT, NOLAP, PIGTL, RKBRR, SLMLP, SUKBR, TROYH, WESRP, WINTR.

References: Bin 325. Lae 224 fn. Lin 450, 540. M&M 430. Phi 315. Roo 370. Kuo. Rog.

Shiny Cinnamon Polypore

Coltricia cinnamomea



OVERALL: Long Corner, 7/16/2010, R Orr.
SIDE: Savage Mill Trail, 8/6/2008, J Solem.
PORES: Long Corner, 7/16/2010, R Orr.

Shiny Cinnamon Polypore

Coltricia cinnamomea
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	-	-

ID: Body color variable (amber to reddish-/rusty-brown); circular/irregular/fused; concentrically zoned and silky; thin and fibrous. Pores yellowish-/reddish-brown (not decurrent). Stalk reddish-brown, velvety/hairy, central.

Habitat: Solitary, groups, fused together. On ground along roadsides and paths in forests.

Fruiting Body: 0.5 – 2” [1.2 – 5cm]
Bright reddish-cinnamon/amber-brown/dark rusty-brown. Silky, shiny, concentrically zoned. Circular/irregular, flat/ depressed, sometimes several fused. Margin faintly grooved, thin and sharp. Flesh thin, rusty-brown, fibrous, tough.

Pores: Yellowish-/reddish-brown, not decurrent. Angular (2 – 4/mm).

Spores: Yellowish-brown.

Frequency: Fairly common.

Locations: BIGBR, BRNBR, CASCT, HIRIP, LONGC, PIGTL, SAVPK, SLMLP, SVMLT.

Notes: *C. perennis* has decurrent pores; *C. cinnamomea* does not.

References: BBF 382, 395. Lin 450, 445. M&M 415fn. Pac 266fn. Phi 302. Roo 351fn.

Cinnamon Polypore

Coltricia perennis



OVERALL: MPENA, 9/18/2009, B Ott.

SIDE: MPENA, 9/18/2009, B Ott.

Cinnamon Polypore

Coltricia perennis
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	+	-	-

ID:). Body brownish-orange; circular/irregular/fused; concentrically zoned and velvety; thin and fibrous. Pores grayish (brownier in age), decurrent. Stalk brown, velvety, central.

Habitat: Solitary, groups, fused together. On ground, often under conifers.

Fruiting Body: 0.8 – 4.8” [2 – 11 cm]

Brownish-orange/pale cinnamon-brown (dark brown/grayish in age). Concentrically zoned, dull/velvety/felted; fibrous-tough.

Circular/irregular/flat/depressed/funnel-shaped, often fused w/ adjacent specimens. Margin thin, sharp, wavy.

Pores: Grayish (yellowish-/reddish-brown in age); stains brown. Decurrent. Angular (2 – 4/mm).

Spores: Pale yellowish-brown.

Frequency: Uncommon.

Locations: MPENA.

Notes: *C. perennis* has decurrent pores; *C. cinnamomea* does not.

References: Bar 135. BBF 383, 395. Lae 206. Lin 451. M&M 415. Pac 266. Phi 301. Roo 351.

Veiled Polypore
Cryptic Globe Polypore

Cryptoporus volvatus



OVERALL (maturing): North Laurel Park, 4/18/2009, R Solem.
LOWER SURFACE (mature): North Laurel Park, 4/18/2009, R Solem.

Veiled Polypore
Cryptic Globe Polypore

Cryptoporus volvatus
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
		---	+	---	+	---	+	---	---	---	+

ID: Body whitish/tan; spherical/ellipsoid/hoof-shaped; stalkless. Pores covered w/ veil, exposed only at maturity.

Habitat: Scattered, groups. On trunks and stumps of conifers.

Fruiting Body: 0.6 – 3.4" [1.5 – 8.8 cm]
Whitish/tan/pale yellow-brown. Smooth. Nearly spherical/ ellipsoid/hoof-shaped, stalkless. Flesh white, soft-corky.

Pores: White/pinkish/pale brown, covered by thick whitish/ yellowish membranous veil, tearing open at maturity. Circular (3 – 5/mm).

Spores: Pinkish-buff.

Frequency: Uncommon.

Locations: NOLAP, RKBPR.

Notes: Breakdown of veil assisted by various insects and other tiny arthropods, which bore holes through the membrane.

References: Bar 141. BBF 375, 395. Lin 452, 528. M&M 427. Roo 492.

Thick-maze Oak Polypore

Daedalea quercina



OVERALL: North Laurel Park, 5/8/2009, R Solem.
UPPER SURFACE: Gorman Stream Valley NRA, 2/28/2011, J Solem
PORES: Gorman Stream Valley NRA, 2/28/2011, J Solem.

Thick-maze Oak Polypore

Daedalea quercina
Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	---	+	+	+	---	---	+	+	+	---	+

ID: Body color variable (often brownish/orangish); semicircular/kidney-shaped; concentrically zoned and velvety (smooth and cracked in age), margin blunt and lighter. Pores orange when fresh (gray-brown in age); elongated; may be smaller near margin. Aromatic.

Habitat: Solitary, groups. On decaying hardwood (oak).

Fruiting Body: 2 – 8" x 3.1" thick [5 – 20 cm x 8 cm] Variable (usually brownish-yellow/brownish-orange). Felted/velvety, often concentrically zoned; smooth (cracked/ furrowed in age). Semicircular/kidney-shaped. Margin blunt and whitish. Fleshy leathery to corky/woody.

Pores: White to pale yellow-/grayish-brown (orange when fresh). Conspicuously labyrinthine (or elongated), may be smaller near margin. Slots may be up to 9 mm long; walls .5 mm thick.

Spores: *White.*

Frequency: Common.

Locations: BIGBR, CENPK, DANPV, GONRA, HOUOS, MPENA, NOLAP, SLMLP, WESRP, WINTR.

References: Bar 143. BBF 379, 395. Bin 329. Lae 226. Lin 453, 467. M&M 425. McK 125, #14. Pac 293. Phi 312. Roo 371fn.

Thin-maze Flat Polypore

Daedaleopsis confragosa



UPPER SURFACE: Big Branch, 5/29/2009, *W Earp*.
PORES and UPPER SURFACE: Pigtail, 11/21/2009, *R Orr*.

Thin-maze Flat Polypore

Daedaleopsis confragosa
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	---	++	+-	---	+	---	---	---	---	---	---

ID: Body color variable (creamy white/dark brown; semicircular/kidney-shaped; concentrically zoned and smooth/velvety, margin thin and lighter. Pores white/grayish-brown, usually labyrinthine and elongated; stain pinkish-brown when young.

Habitat: Solitary, scattered, groups. On decaying hardwood (especially oak).

Fruiting Body: 1.1 – 6” x 0.5” thick [3 – 15.5 cm x 1.2 cm] Variable (creamy-white, tan, grayish, pale-/dark-brown). Velvety/smooth, distinct concentric zones. Semicircular/kidney-shaped/flat/slightly convex. Margin sharp and thin. Flesh (5 mm) whitish/pale brown, bruising pink, aging brown, fibrous-tough. Odor pleasant.

Pores: White to pale brown/grayish-brown. Usually labyrinthine w/ elongated or gill-like pores (5/mm). Stain pinkish-brown when young.

Spores: *White*.

Frequency: Common.

Locations: BIGBR, CASCT, GONRA, HOWCH, MPENA, MTPLT, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Synonym: *Daedalea confragosa*.

References: Bar 143. BBF 379, 396. Bin 331. Lae 227. Lin 454, 481. M&M 425fn. McK 126. Phi 312. Roo 371.

Beefsteak Fungus

Fistulina hepatica

MATURE

YOUNG



Mature:

UPPER SURFACE: High Ridge Park, 9/9/2009, *J Solem*.

OVERALL: North Laurel Park, 8/11/2008, *J Solem*.

OVERALL: High Ridge Park, 8/26/2009, *R Solem*.

Young:

OVERALL: Long Corner, 7/10/2009, *R Solem*.

UPPER SURFACE: Long Corner, 7/10/2009, *R Solem*.

PORES: Long Corner, 7/10/2009, *R Solem*.

Beefsteak Fungus

Fistulina hepatica
Fistulinaceae

J	F	M	A	M	J	J	A	S	O	N	D				
					+	-	+	-	+	+	+	+	-	+	+

ID: Body dark red/reddish-orange (yellow-orange when young), gelatinous, flesh oozes pink/red. Pores white/ pinkish-yellow.

Habitat: Solitary, groups, often fused. On living (especially oak) or dead hardwood trees/stumps/logs.

Fruiting Body: 2.8 – 10” [7 – 25.5 cm]

Reddish-orange/pinkish-red/dark red/purplish-brown; when young, light-/golden-orange. Smooth/velvety, gelatinous, often sticky/slimy. Oval/circular. Margin rounded/sharp/wavy/lobed. Flesh (2 – 5 cm thick) dingy-white/pinkish/reddish zoned w/ darker and paler areas; darkens on exposure, oozes pink/red when fresh. Taste acidic.

Pores: White/pinkish-yellow. Stains reddish-brown in age. Circular (1 – 3/mm).

Spores: Pinkish-salmon.

Frequency: Fairly common.

Locations: CASCT, GONRA, HAMVL, HIRIP, HOUOS, LONGC, NOLAP, SLMLP, WINTR.

References: BBF 375, 396. Bin 337. Lae 213. Lin 455, 513. M&M 426. McK 129, 14. Pac 307. Phi 304. Roo 352.

Tinder Polypore

Fomes fomentarius



OVERALL: Cascade Trail, 6/4/2010, R Solem.
PORES; Cascade Trail, 6/4/2010, R Solem.
OVERALL (old): Cascade Trail, 6/4/2010, J Solem.

Tinder Polypore

Fomes fomentarius
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D	
-----					++	-----						

ID: Brown/ gray. Hoof-shaped, furrowed, crusty/cracked. Flesh fibrous-tough woody.

Habitat: Solitary, groups, overlapping clusters. On decaying hardwood trunks.

Fruiting Body: 2.4 – 8” x up to 2” thick [6 – 20.54 cm x 5 cm] Pale/dark gray (sometimes pale/dark brown). Hoof-shaped, surface concentrically furrowed/zoned, hard, thick, crusty, finely cracked/roughened or smooth; margin blunt (extends beyond top surface). Flesh (3 cm) yellowish-brown, fibrous-tough/woody.

Pores: Pale brown, depressed circular [3-5/mm].

Spores: White.

Frequency: Uncommon.

Locations: CASCT.

References: Bar 141. Bin 373. BBF 388, 396. Lin 457, 527. M&M 425. Phi 306. Roo 372.

Rosy Polypore

Fomitopsis cajanderi

MATURE

YOUNG



MATURE:

UPPER SURFACE: Savage Park, 10/27/2008, J Solem.

OVERALL: Savage Park, 10/27/2008, J Solem.

PORES and UPPER SURFACES: Savage Park, 10/27/2008, J Solem.

YOUNG:

OVERALL: Gorman Stream Valley NRA, 5/6/2009, J Solem.

OVERALL: Gorman Stream Valley NRA, 5/6/2009, J Solem.

Rosy Polypore

Fomitopsis cajanderi
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
-----+-----+-----+-----+-----											

ID: Body reddish-/grayish-brown; fan-shaped/irregular, often descends substrate; bumpy w/ matted hairs, margin wavy. Pores rosy-pink/pinkish-white. Pleasant odor.

Habitat: Solitary, scattered, overlapping clusters. On decaying conifers (rarely hardwoods).

Fruiting Body: 1 – 5.5" [2.5 – 14 cm]
Pinkish-brown/reddish-brown/grayish-brown. Corky/brittle when dry, covered w/ tiny matted hairs, smooth/roughened (but not cracked), faintly zoned. Fan-shaped/semicircular/irregular, convex/nearly flat. Margin sharp, often wavy, whitish when young. Flesh rosy-pink, stains pinkish-brown. Pleasant odor.

Pores: White/pinkish-yellow. Stains reddish-brown in age. Circular w/ distinct cylinders (1 – 3/mm). Tubes (1 mm). Surface often irregular and descending substrate.

Spores: *Whitish.*

Frequency: Occasional.

Locations: GONRA, HENPV, RKBPR, SAVPK, SLMLP.

References: Bar 142. BBF 389, 396. Lin 458, 524. Phi 309. Roo 373fn.

Red-belted Polypore

Fomitopsis pinicola



OVERALL: Rockburn Branch Park, 8/1/2010, R Orr.
PORES: Rockburn Branch Park, 8/1/2010, R Solem.
PORES: Rockburn Branch Park, 8/1/2010, J Solem.
OVERALL: Rockburn Branch Park, 8/1/2010, J Solem.

Red-belted Polypore

Fomitopsis pinicola
Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
-	-	+	-	-	-	-	+	-	-	+	-

ID: Top various colors (greenish/brownish/blackish but reddish near margin).

Habitat: Solitary, groups. On living conifers (also hardwoods).

Fruiting Body: 2.8 – 15" [7 – 38 cm]

Variouly colored (greenish-gray/grayish-brown/blackish-brown). Shelf-/hoof-shaped. Concentrically furrowed (perennial). Hard. Finely cracked/smooth. Typically reddish near margin; margin creamy yellow, thick, rounded, covered w/ sticky reddish-brown resin. Flesh creamy-white/pale brown (<1.5" [4 cm]), corky/woody.

Pores: Creamy-white, bruises yellow. Circular. (3 – 5/mm).

Spores: Whitish.

Frequency: Uncommon.

Locations: MCHPV, RKBRP.

References: Bar 142. BBF 388, 11. Lin 459, 531. Phi 309. Roo 373.

Artist's Conk

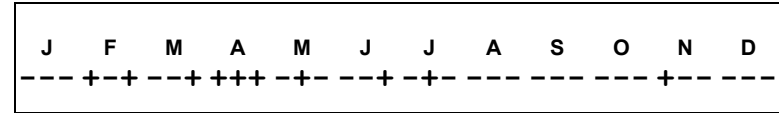
Ganoderma applanatum



OVERALL: Gorman NRA, 2/28/2011, *J Solem*.
 PORES: Lake Kittamaqundi, 2/2/2009, *J Solem*.
 OVERALL: Beaverbrook, 5/17/2009, *R Orr*.

Artist's Conk

Ganoderma applanatum
 Ganodermataceae



ID: Body gray/blackish-brown; shelf-like/hoof-shaped; concentrically zoned w/ hard crusty surface, margin thin and often white. Pores white, stain/etch brown. Cuticle separated from flesh by thin (< 0.5 mm) dark layer.

Habitat: Solitary, scattered, overlapping clusters. On decaying wood (especially hardwood); frequently on wounds on living trees.

Fruiting Body: 2 – 26" x 2.4" thick [5 – 65 cm x 6 cm] Gray/grayish-black/brown. Surface hard, thick, crusty, concentrically furrowed, finely cracked and roughened; thickened at point of attachment. Shelf-like/hoof-shaped. Margin often white, thin. Flesh (>= 8 mm) ginger-brown, corky/woody/punky; cuticle separated from flesh by thin (< 0.5 mm) dark layer.

PORES: White; stain brown. Circular (4 – 6/mm). Can be separated into individual tubes (6 – 15 mm).

Spores: Brown.

Frequency: Common.

Locations: CASCT, DANPV, DFWMA, DORWD, FARMS, GONRA, HENPV, MPENA, SLMLP, WINTR.

References: Bar 139. BBF 389, 396. Bin 343. Lae 217. Lin 460, 518. M&M 421. McK 127, 14. Pac 303. Roo 374.

Lacquered Polypore
Ling Chih

Ganoderma lucidum

Growing



Dry



Growing:

OVERALL: Hollofield, 7/22/2008, *J Solem*.

Dry:

SIDE: Rocky Gorge Reservoir, 9/19/2009, *R Solem*.

SIDE: Rockburn Branch Park, 10/13/2008, *J Solem*.

Lacquered Polypore
Ling Chih

Ganoderma lucidum
Ganodermataceae

J	F	M	A	M	J	J	A	S	O	N	D
				-	-	-	-	+	+	-	-

ID: Body brownish-red, sticky when young, looks lacquered when old; shelf-like/ irregular, concentrically zoned, margin yellowish/white. Pores white/cream (ochre in age). Stalk typically lateral.

Habitat: Solitary, groups. On decaying hardwoods.

Fruiting Body: 2 – 11.8” x up to 1.1” thick [5 – 30 cm x 3 cm] Brownish-red in age, yellowish/whitish near margin. Lacquered surface (sticky when young), concentrically zoned, shallowly furrowed. Kidney-shaped. Flesh whitish (soft and corky), (brown in age and fibrous-tough).

Pores: White/cream (ochre in age). Bruise brown when fresh. Circular (4 – 6/mm). Tubes (10 – 20 mm).

Stalk: 1.1 – 6” x 0.4 – 1.5” [3 – 13.5 cm x 1 – 4 cm] Typically lateral but sometimes off-center/central or absent, brownish-red/mahogany/blackish-brown, shiny, lacquered surface.

Spores: Brown.

Frequency: Fairly common.

Locations: HENPV, HIRIP, HOLLO, JACPD, RKBRP, ROGOR.

Notes: In one case, each of several year’s annual growth started from the cap of the previous year’s growth.

Ganoderma tsugae grows on rotting coniferous wood.

References: Bar 139. Bin 277. Lae 206. Lin 460, 514. M&M 422. Pac 264. Roo 354fn.

Varnish Shelf
Varnish Cap

Ganoderma tsugae



OVERALL: North Laurel Park, 7/11/2008, S Earp.
OVERALL: Rockburn Branch Park, 9/22/2009, R Solem.

Varnish Shelf
Varnish Cap

Ganoderma tsugae
Ganodermataceae

J	F	M	A	M	J	J	A	S	O	N	D	
				-	-	-	-	+	-	-	-	-

ID: Body brownish-red and orange outward, sticky when young, looks lacquered when old; shelf-like/irregular, concentrically zoned, margin whitish. Pores white/cream (brown in age). Stalk typically lateral (if present).

Habitat: Solitary, groups. On decaying conifers.

Fruiting Body: 2.4 – 12” x up to 1.1” thick [6 – 31 cm x 3 cm] Brownish-red to mahogany near center or overall, brownish-/reddish-orange outward, light/whitish near margin. Lacquered surface, concentrically zoned, shallowly furrowed. Fan-/kidney-shaped. Flesh whitish, soft-corky/fibrous-tough.

Pores: White/creamy-white (brown in age or bruised). Circular (4 – 6/mm).

Stalk: 1.1 – 6” x 0.4 – 1.5” [3 – 13.5 cm x 1 – 4 cm] Typically lateral but sometimes off-center/central or absent, brownish-red/mahogany/blackish-brown, shiny, lacquered surface.

Spores: Brown.

Frequency: Uncommon.

Locations: NOLAP, RKBPR.

Notes: *Ganoderma lucidum* grows on rotting hardwood.

References: BBF 277, 296. Lin 461, 515. M&M 422fn. Pac 304. Phi 306. Roo 354. Rus 125, #69.

Yellow-red Gill Polypore

Gloeophyllum sepiarium



OVERALL: High Ridge Park, 9/9/2009, R Solem.
PORES and TOPS: High Ridge Park, 9/9/2009, R Solem.

Yellow-red Gill Polypore

[*Gloeophyllum sepiarium*](#)
Gloeophyllaceae

J	F	M	A	M	J	J	A	S	O	N	D
									+		

ID: Body yellowish-/reddish-brown, fan-shaped, concentrically zoned, uneven, tufts of tiny hairs, smooth in age, margin lighter. Pores golden-/rusty-brown, gill-like labyrinthine pores.

Habitat: Solitary, groups, rosette-like clusters. On decaying wood (usually conifers).

Fruiting Body: 1 – 4" [2.5 – 10 cm]

Bright yellowish-red/reddish-brown, margin whitish- orange-/brownish-yellow, irregular/wavy w/tufts of tiny hairs; distinct zones/furrows. Surface covered w/ short stiff hairs (matted/felty or nearly smooth in age). Fan-shaped. Flesh yellow-/rusty-brown, fibrous-tough.

Pores: Golden-/rusty-brown. Gill-like to labyrinthine (often both) sometimes elongated pores (1 – 2/mm).

Spores: *White*.

Frequency: Uncommon.

Locations: HIRIP.

References: Bar 142. BBF 379, 396. Lae222fn. Lin 463, 516. M&M 427. Pac 295. Phi 312. Roo 371fn

Hen of the Woods

Grifola frondosa



OVERALL: Savage Park, 10/3 2008, *W Earp*.
OVERALL: Schooley Mill Park, 10/5/2009, *J Solem*.
OVERALL: Western Regional Park, 7/31/2008, *J Solem*.

Hen of the Woods

Grifola frondosa
Meripilaceae

J	F	M	A	M	J	J	A	S	O	N	D				
							+	-	-	-	+	+	+	-	-

ID: Rosette of flattened caps w/ white/creamy-white pores when fresh. Cap brownish-gray, dull dark brown in age, matted and woolly, margin thin and wavy. Stalk off-center and repeatedly branched.

Habitat: Solitary, groups. On ground at base of living/ dead trees/stumps (especially oak or maple). In open woods.

Fruiting Body: 0.8 – 3.1” x ca. 1/4 ” [2 – 8 cm x 6 mm]
Gray/brownish-gray, dull dark brown in age. Smooth/ finely matted and woolly; faintly/distinctly zoned. Overlapping caps branching from main stalk. Margin thin, wavy. Flesh white.

Pores: White/creamy-white. Angular but may be gill-like (1 – 3/mm).

Stalk: 0.8 – 1.8” x up to 4” [2 – 4.5 cm x 10 cm]
White, repeatedly branched.

Spores: *White*.

Frequency: Fairly common.

Locations: MPENA, RKBPR, SAVPK, SLMLP, WESRP.

Notes: Fruiting bodies to 24” [60 cm] diameter or more. Blackening Polypore (*Meripilus sumstineill*) is similar but all parts bruise blackish.

References: BBF 385, 397. Bin 281. Lae 216. Lin 463, 474, 475. M&M 420. McK 128, 14. Pac 325. Phi 300. Roo 355. Rus 176, #88.

Tender Nesting Polypore

Hapalopilus nidulans



OVERALL (old): Pigtail, 10/23/2009, *R Solem*.

UPPER SURFACE (maturing): Western Regional Park, 10/31/2010, *R Orr*.

PORES (young): Daniels, 6/3/2010, *R Solem*.

Tender Nesting Polypore

Hapalopilus nidulans
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
	++++				+-	+++	+-	---	+++	+++	

ID: Cap dull brown/orange (brown in age). Convex (furrows in age). Flesh soft (brown, fibrous in age). Pores angular. Use KOH.

Habitat: Solitary, groups, overlapping clusters. Decaying hardwoods.

Fruiting Body: 1 — 4.8" x up to 1.1" thick [2.5 — 12 cm x 3 cm] Dull brownish-orange/cinnamon. Surface matted hairs (smooth in age). Fan-shaped/semicircular. Convex, often w/ furrows. Margin sharp (except when immature), curved. Flesh pale cinnamon, soft (brown, fibrous-tough in age). Turns violet-purple w/ KOH.

Pores: Ocraceous/cinnamon-brown (brown in age). Angular (2 – 4/mm).

Spores: White.

Frequency: Common.

Locations: BIGBR, DANPV, GONRA, HENPV, HIRIP, HOWCH, HOUOS, LONGC, MARPV, MPENA, MCHPV, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Synonyms: *H. rutilans*. *Polyporus nidulans*. *Inonotus nidulans*.

References: Bar 150. Bin 347. BBF 390, 397. Lin 464, 510. Phi 302. Roo 375.

Bear's Head Tooth

Hericium americanum



OVERALL: Long Corner, 8/25/2009, *J Solem*.
 OVERALL (from above): Long Corner, 8/25/2009, *R Solem*.

Bear's Head Tooth

[*Hericium americanum*](#)
Hericiaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	---

ID: Body whitish (yellowish in age), shaggy “beard” of forking branches w/ spines as bundles at tips of branches.

Habitat: Solitary. On decaying hardwoods.

Fruiting Body: 4 – 12” x 6 – 15”
 [10 – 30.5 cm x 15.5 – 36 cm]. Whitish/yellowish, flesh thick, white, soft. Cluster of compact, forking branches w/ spines arranged primarily as bundles at tips of branches, arising from a common base.

Spores: White.

Frequency: Uncommon.

Locations: LONGC.

Notes: Compare *H. erinaceus* (Satyr’s Beard).

References: Bar 122. M&M 408, BBF 402. Roo 396fn.

Satyr's Beard
Bearded Tooth

Hericium erinaceus



OVERALL: Marriottsville Rd, 5/15/2010, *B Ott*.
 OVERALL: Savage Park, 7/10/2008, *J Solem*.
 OVERALL (old): North Laurel Park, 11/24/2007, *N. Magnusson*.

Satyr's Beard
Bearded Tooth

[Hericium erinaceus](#)
Hericiaceae

J	F	M	A	M	J	J	A	S	O	N	D	
	+			+	-	-	-	-	+	+	+	-

ID: Body whitish (yellowish in age); shaggy “beard” w/ long spines.

Habitat: Solitary. On living trunks or fallen logs of hardwoods (especially oak).

Fruiting Body: 2.8 – 8” x 3.8 – 8” [9.5 – 20 cm x 7 – 20.5 cm].
 Whitish/yellowish. Flesh, thick, white, soft. Cushion-shaped, branchless, giving rise to long spines (2 – 7 cm), tapering to point.

Spores: White.

Frequency: Fairly common.

Locations: HENPV, MPENA, NOLAP, RKBPR, SAVPK, SLMLP, WESRP, WINTR.

Notes: Compare *H. americanum* (Bear’s Head Tooth).

References: BBF 407, 412. Bin 283. Lin 430, 547. M&M 407. McK 91, 9. Pac 314. Roo 395.

None

Hydnellum aurantiacum



OVERALL: Big Branch, 8/21/2009, R Solem.
 CAP: Pigtail, 8/27/2009, R Solem.
 FERTILE SURFACE: Pigtail, 8/27/2009, R Solem.

None

[*Hydnellum aurantiacum*](#)
 Bankeraceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	+	---

ID: Cap rusty-red; velvety; flat (depressed in age). Fertile surface grayish-tan spines. Stalk orange (darker in age); cylindrical/irregular. Strong odor.

Habitat: Solitary, scattered. On ground in conifer forests.

Cap: 1 – 4” [2.5 – 10 cm]

Orange/rusty-red. Flat (depressed in age), occasionally fused w/ other caps or w/ aborted mini-caps on top of main cap. Surface velvety (but often ridged/bumpy), dry. Flesh dull brown, zoned, tough and fibrous. Unpleasant odor when cut.

Fertile Surface: Grayish-tan/reddish-brown (darker brown in age); covered w/ crowded spines (1.5 – 2.5 mm). Upper flesh, soft and corky.

Stalk: 3/8 – 3/4” x 3/8 – 3/4” [1 – 2 cm x 1 – 2 cm]

Orange (rusty-/dark-brown in age) cylindrical/somewhat irregular, sometimes spongy near base.

Spores: Brown/gray-brown.

Frequency: Uncommon.

Locations: BIGBR, PIGTL.

References: Lin 431, 479. M&M 406. Mck 92, 8. Phi 320. Kuo.

Zonate Tooth

Hydnellum conrescens



OVERALL: Pigtail, 9/7/2009, R Solem.

TOP: Pigtail, 9/7/2009, R Solem.

FERTILE SURFACE: Pigtail, 9/7/2009, R Solem.

Zonate Tooth

[*Hydnellum conrescens*](#)

Bankeraceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	

ID: Cap concentric rings of various colors; roughened; convex (depressed/ funnel-shaped in age); margin white, wavy. Fertile surface of vinaceous-cinnamon spines. Stalk color like cap. Odor unpleasant.

Habitat: Scattered, groups, fused together on ground under conifers and hardwoods.

Cap: 1 – 5.5" [2.5 – 14 cm]

Marginal zone white (stains purple-brown/brown-black), inner zones various colors convex/nearly flat, often depressed/funnel-shaped, surface roughened/irregular w/ pits and horn-like projections/ridges, conspicuous concentric zones. Flesh orange-/reddish-brown, fibrous-tough. Odor unpleasant when cut.

Fertile Surface: Covered w/ vinaceous-cinnamon spines w/ paler tips which continue down stalk; spines (1 – 3 mm).

Stalk: 0.4 – 1.4" x 0.4 – 1.5" [1 – 3.5 cm x 1 – 4 cm]
Colored like cap, typically tapers up.

Spores: Pale brown.

Frequency: Uncommon.

Locations: PIGTL.

References: Bar 126. BBF 408, 412. Kuo.

Spongy Foot

Hydnellum spongiosipes



SPINES and CAPS: Big Branch, 7/2/2009, R Solem.
 SIDE w/ FERTILE SURFACE: Pigtail, 8/4/2009, R Solem.
 EMERGING FRUITING BODIES: Big Branch, 7/2/2009, J Solem.

Spongy Foot

Hydnellum spongiosipes
 Bankeraceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	+	+	+	-	-

ID: Cap cinnamon-/dark-brown, velvety, irregular/lumpy; single or fused; convex (flat in age); upper layer (flesh pale brown, fairly soft), lower layer (dark brown, corky). Fertile layer pale-/lilac-brown, dark in age, crowded spines. Stalk dark brown, velvety; club-shaped, swollen, spongy.

Habitat: Clustered. On ground in hardwood forests (especially oak).

Cap: 0.8 – 4" [2 – 10 cm]

Cinnamon-/dark-brown, velvety, sometimes pitted; paler areas bruising dark brown; single/fused w/ other caps; shallowly convex (broadly convex/flat in age).

Fertile Surface: Pale-/lilac-brown; sometimes bruising dark brown (darker brown in age); continues down stem; covered w/ crowded spines (4 – 7 mm). Flesh: upper layer pale brown and fairly soft; lower layer dark-/purplish-brown and corky.

Stalk: 1.2 – 4" x 0.4 – 1.2" [3 – 10 cm x 1– 3 cm]

Dark brown; velvety, club-shaped, swollen and much thicker below; spongy/fibrous.

Spores: Brown.

Frequency: Occasional.

Locations: BIGBR, FARMS, PIGTL, SLMLP.

References: Bar 124. Lin 434, 446. Kuo.

Sweet Spine

Hydnellum suaveolens



OVERALL: Big Branch, 7/31/2008, J Solem.

Sweet Spine

Hydnellum suaveolens
Bankeraceae

J	F	M	A	M	J	J	A	S	O	N	D
							+	-	-	-	-

ID: Cap beige/tan (center darker in age), tomentose; shallowly convex (flat in age). Fertile surface buff/deep brown, pallid spines. Stalk bright violet-blue, tomentose; darkens when rubbed.

Habitat: Solitary (usually), sometimes fused in groups. On ground in conifer forests.

Cap: 1.6 – 5.9" [4 – 15 cm]

Dull white/beige (deep brown from center out in age), convex (expanded and flattened in age), tomentose, soft, flesh fibrous.

Fertile surface: Spines (1/16 – 1/4" [2 – 5 mm]) pallid, buff/deep brown; long, decurrent.

Stalk: 1.2 – 2" x 0.4 – 1" [3 – 5 cm x 1 – 2.5 cm]

Bright violet-blue, zoned w/ violet/violet-black; tomentose; hard, woody, darkens when rubbed. Violet-blue mycelium.

Spores: Brown.

Frequency: Uncommon.

Locations: BIGBR.

References: Lin 433fn. McK 94, 8. M&M 405. Phi 323. Rog.

Brown-toothed Crust

Hydnochaete olivacea



OVERALL: Benson Branch, 3/11/2011, R Solem.
 CLOSEUP: Benson Branch, 3/11/2011, R Solem.

Brown-toothed Crust

[*Hydnochaete olivacea*](#)
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D
---		++	---		---		---		---		

ID: Brown-toothed in age, pores of crust have flattened teeth. Use KOH.

Habitat: Usually fused into large expanses on dead hardwood (oak) branches or limbs still on tree.

Fruiting Body: 2 – 4" x 4 – 8" [5 – 10 cm x 10 – 20 cm]
 Dull yellowish-/reddish-brown (brown in age). Pores quickly become spine-like w/ flattened teeth. Margin may be brownish-yellow (becomes brown in age). Flesh (1-3 mm) leathery, brown, tough, fibrous; turns dark brown/black w/ KOH.

Frequency: Occasional.

Locations: GONRA, HAMVL, MCLUR.

Synonyms: *Hydnoporia fuscescens*. *Irpex cinnamomeus*.

References: Bin 349. BBF 401key. Lin 438, 577. Phi 324. Rog.

Spreading Yellow Tooth

Hydnophlebia chrysorhiza



OVERALL: Pigtail, 6/7/2010, *R Orr*.
OVERALL (more distant view): Pigtail, 6/7/2010, *R Solem*.
YOUNG (w/ rhizomorphs): MPENA, 7/5/2010, *R Solem*.

Spreading Yellow Tooth

Hydnophlebia chrysorhiza
Meruliaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	+	-	-	-

ID: Bright orange-yellow toothed sheet w/ long rhizomorphs.
Habitat: Sheet-like and flattened against underside of hardwood logs.
Fruiting Body: 0.8 – 2.4” [2 – 6 cm] sheet
Bright orange-yellow, toothed surface w/ branching rhizomorphs (3.9 – 7.9” [10 – 20 cm] long).
Frequency: Occasional.
Locations: MPENA, PIGTL, WINTR.
Synonyms: *Phanerochaete chrysorhiza*. *Hydnum chryscomum*.
Mycoacia fragilissima. *Oxydontia fragilissima*.
References: BBF 401key, 437-438key. Lin 423, 558
www-messiah-edu [Oakes fungi on wood teeth and spine species pages Phane.pdf](#)

Hedgehog Mushroom

Hydnum repandum



OVERALL: Savage Park, 6/25/2009, R Solem.
 CAP: Savage Park, 6/25/2009, J Solem.
 FERTILE SURFACE, Savage Park 6/25/2009, R Solem.
 CLOSEUP OF SPINES: Savage Park, 6/25/2009, R Solem.

Hedgehog Mushroom

[*Hydnum repandum*](#)
 Hydnaceae

J	F	M	A	M	J	J	A	S	O	N	D			
						+	-	-	-	-	-	+	-	-

ID: Cap yellow-orange; felty (wrinkled/pitted in age); convex/nearly flat; margin wavy; Fertile surface creamy/ orange-yellow, darkens when rubbed; long spines. Cap and stalk stain orange-yellow.

Habitat: Solitary, scattered, groups. On ground in forests.

Cap: 0.8 – 6” [2 – 15.5 cm]
 Yellow-/brownish-orange to apricot-/reddish-orange; convex/ nearly flat, sometimes slightly depressed; dry, felty, wrinkled/ pitted in age; margin wavy, sometimes indented/lobed; flesh white, thick, firm, brittle, stains orange-yellow.

Fertile surface: 1/8 – 3/8” spines [3-10 mm]
 Spines creamy-white/orange-yellow, darken when rubbed; not decurrent or irregularly so.

Stalk: 1 – 4” x 0.4 – 1.4” [2.5 – 10 cm x 1 – 3.5 cm]
 White w/ orange tints or colored like cap; nearly equal; solid; bruises orange-yellow.

Spores: White.

Frequency: Uncommon.

Locations: PIGTL, SAVPK.

Notes: Description is of *v. repandum*; *v. album* is white, bruising orange.

Synonym: *Dentinum repandum*.

References: Bar 123. BBF 409, 412. Lae 238. Lin 428, 455. M&M 401. McK 89, 8. Pac 272. Phi 320. Roo 398.

Milk-white Toothed Polypore

Irpex lacteus



OVERALL: Big Branch, 5/12/2009, J Solem.
OVERALL: Pigtail, 11/21/2009, R Orr.
PORES: Savage Park, 10/27/2008, J Solem.

Milk-white Toothed Polypore

[*Irpex lacteus*](#)
Meruliaceae

J	F	M	A	M	J	J	A	S	O	N	D	
---	++	+++	---	+++	---	+	---	---	+	+++	+++	---

ID: Body white/creamy-white; spreads from crust-like mass, tomentose. Pores white/cream, irregular/split in age. Stalkless.

Habitat: Spreading overlapping clusters. On decaying hardwood branches or twigs.

Fruiting Body: 0.4 – 1.1” [1 – 3 cm]
White/creamy-white. Dry. Tomentose/hairy. Shell-/petal-shaped/semicircular/convex/nearly flat; overlapping and often fused, projecting from a spreading, crust-like mass. Flesh white/pale tan, thin, fibrous-tough.

Pores: White/cream. Angular (2 – 3/mm); tubes and pores split in age, becoming tooth-like/jagged.

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, DANPV, DFWMA, FULSA, GONRA, HENPV, HOUOS, HOWCH, MPENA, MCHPV, MTPLT, PIGTL, RKBRP, ROGOR, SAVPK, SLMLP, TUFTS, WINTR.

Synonym: *Polyporus tulipifera*.

References: BBF 378, 397. Bin 361. Lin 467, 584. Phi 324. Roo 400.

Resinous Polypore

Ischnoderma resinosum



OVERALL: Schooley Mill Park, 10/21/2009, *J Solem*.
 OVERALL (young): Henryton, 10/2/2009, *R Solem*.
 PORES: Schooley Mill Park, 10/21/2009, *J Solem*.
 PORES EXUDING FLUID: Pigtail, 10/8/2010 *R Orr*.
 OVERALL: Schooley Mill Park, 11/3/2010, *R Orr*.

Resinous Polypore

[*Ischnoderma resinosum*](#)
 Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
			+					---	+	---	

ID: Body brownish-orange or darker; semicircular, often descends substrate (but, see young), concentrically furrowed, margin thick and lighter. Pores white (bruise brown and in age).

Habitat: Solitary, overlapping clusters. On decaying wood (oak).

Fruiting Body: 3 – 10" [7.5 – 25.5 cm]
 Dull brownish-orange to dark brown. Surface concentrically-/radially-furrowed (faintly/distinctly zoned in age); fleshy, soft and velvety when young, later covered w/ thin, glossy, resinous crust. Semicircular/fan-shaped/convex. Margin white/ochre, thick, rounded, exudes drops of clear/amber fluid when young. Flesh (up to 2 cm) whitish/pale yellow; soft, becoming fibrous in age.

Pores: White (pale brown in age); slowly bruising brown. Pores angular/circular (4 – 6/mm). May extend down substrate.

Spores: Whitish.

Frequency: Fairly common.

Locations: BIGBR, CASCT, HENPV, MPENA, PIGTL, RKBRP, SLMLP, WINTR.

Notes: Globular/irregular when very young.

References: Bar 140. BBF 391, 398. Bin 363. Lin 468, 525. Phi 306. Roo 377.

Chicken Mushroom
 Chicken of the Woods
 Sulphur Shelf

Laetiporus sulphureus



OVERALL: Schooley Mill Park, 5/8/2009, *J Solem*.
 UPPER SURFACE: High Ridge Park, 8/13/2008, *J Solem*.
 PORES: MPENA, 10/7/2007, *S Earp*.

Chicken Mushroom
 Chicken of the Woods
 Sulphur Shelf

[Laetiporus sulphureus](#)
Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
	+	++		++-	---	+++	+++	+++	++-	---	

ID: Rosette of flattened caps w/ sulphur-yellow (or white) pores when fresh. Cap dull orange; velvety; margin blunt; wavy, often lobed

Habitat: Solitary, overlapping clusters or rosettes. On living/dead hardwoods (especially oak and cherry) or conifers.

Fruiting Body: 2 – 12" x up to 0.8" [5 – 31 cm x 2 cm]
 Bright/dull orange, then orange-yellow; bleaches white in age. Dry. Surface velvety/densely matted and woolly; radially wrinkled and roughened. Fan-/petal-shaped. Margin pale orange, blunt, dry, often lobed. Flesh white, fleshy/firm, moist (rigid/brittle/fibrous in age).

Pores: Bright sulphur-yellow (or white, depending on variety), tan in age. Angular (indistinct when young); 3 – 4/mm.

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, CEDLP, DANPV, GONRA, HENPV, HIRIP, HOUOS, LONGC, MPENA, MCHPV, MTPLT, NOLAP, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Notes: Chicken and White Chicken (*L. cincinnatus*) have been lumped.

Synonyms: *Polyporus sulphureus*. *Laetiporus Cincinnatus*. *L. sulphureus* var. *cincinnatus*.

References: Bar 149. BBF 386, 398. Bin 289 & 291. Lin 468, 478, 511. M&M 428. McK 127, 14. Lae 215. Phi 303. Roo 378. Rus 42, 12. Kuo.

Gilled Bracket
Multicolor Gilled Polypore

Lenzites betulina



OVERALL: High Ridge Park, 9/27/2008, *J Solem*.
 PORES: High Ridge Park, 11/24/2008, *J Solem*.
 OVERALL: Howard Chapel Road, 3/8/2011, *R Solem*.

Gilled Bracket
Multicolor Gilled Polypore

Lenzites betulina
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	+	+++	+++	++	+++	+	---	---	---	+++	+

ID: Pores white/creamy-white, gill-like. Body color variable (white/pink to brown/green w/ algae); shelf-like; velvety/ hairy. Stalkless. Odor.

Habitat: Solitary, groups. On decaying hardwood (occasionally conifers).

Fruiting Body: 1.1 – 4" [3 – 10 cm]
 Variable (white/pink/gray/yellow/orange/brown or green [colored w/ algae]), concentric rings. Velvety/hairy. Semicircular/fan-shaped, stalkless. Flesh white (1 mm), fibrous-tough. Pronounced odor.

Pores: White/creamy-white. Conspicuously gill-like (radiating from point of attachment), sometimes forking, occasionally w/ elongated pores near margin. Tubes (6 – 12mm).

Spores: *White*.

Frequency: Common.

Locations: BIGBR, CASCT, FULSA, GONRA, HAMVL, HENPV, HIRIP, HOWCH, MPENA, MCHPV, MTPLT, NOLAP, PIGTL, RKBRP, SLMLP.

References: Bar 143. BBF 380, 11. Bin 369. Lae 227. Lin 469, 535. M&M 427. McK 128, 14. Pac 294. Phi 312.

None

Lenzites elegans



UPPER SURFACE: Wincopin, 7/18/2010, J Solem.

PORES: Wincopin, 7/18/2010, J Solem.

None

[Lenzites elegans](#)
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
					--+	---	---	---	+	---	---

ID: Body whitish (may be darker in age); bracket-/kidney-shaped or irregular; stalkless. Fertile surface whitish/ grayish, angular/maze-like/slots.

Habitat: Solitary, groups. On hardwood stumps/logs (occasionally on pine).

Fruiting Body: 0.8 – 5.5" [2 – 14 cm]

Whitish/yellowish/buff (sometimes darker in age). Lumpy near point of attachment, may have concentric zones of texture. Irregularly bracket-/kidney-shaped or flattened-convex. Smoother toward margin (thin, more or less wavy). Flesh whitish, tough/ corky (stiff in age).

Pores: Whitish/grayish. Variable (poroid [1-2/mm, round or angular]; maze-like slots <= 2 mm wide; gill-like), often all three present, changing shape from base to margin. Tubes/gills <= 6 mm deep.

Stalk: None or rudimentary (up to 1.1" [3 cm]).

Spores: *White*.

Frequency: Uncommon.

Locations: NOLAP, WINTR.

Synonym: *Trametes elegans*.

References: BBF 381, 400. Roo, 371 fn. Kuo.

Black-staining Polypore

Meripilus sumstinei



UPPER SURFACE OVERALL: MPENA, 7/5/2010, R Solem.
PORES: MPENA, 7/5/2010, R Solem.

Black-staining Polypore

Meripilus sumstinei
Meripilaceae

J	F	M	A	M	J	J	A	S	O	N	D	
						++	--	+	--	--	++	--

ID: Body brownish-orange; circular/irregular/fused; concentrically zoned and velvety; thin and fibrous. Pores grayish (brownier in age), decurrent. Stalk brown, velvety, central.

Habitat: Solitary, groups. On ground at base of hardwood trees and stumps (oak).

Fruiting Body: 2.4 – 8" [6 – 20.5 cm]
Yellowish-tan/grayish-yellow (brownish-yellow, then dark ocraceous/grayish-brown in age). Fan-/spoon-shaped, fleshy-fibrous. Margin thin, sharp, wavy, often lobed. Stains black. Flesh (1.6 cm) white, fleshy-fibrous.

Pores: White/creamy white; stain black. Angular (3 – 6/mm).

Stalk: 0.4 – 1.4" [1 – 3 cm]
Ocre/reddish-brown; stains black.

Spores: White.

Frequency: Fairly common.

Locations: LONGC, MPENA, NOLAP, RKBRP, WESRP, WINTR.

Notes: Fruiting bodies to 16" (41 cm) or more. Several field guides refer to it as *M. giganteus*, which is a European species.

References: Bin 373. BBF 387, 399. Lae 214. Lin 470, 471. Pac 326. Phi 363.

Trembling Merulius
Gelatinous Woodcrust

Merulius tremellosus



OVERALL: North Laurel Park, 10/12/2008, J Solem.
OVERALL (older): Wincopin, 11/6/2009, R Orr.

Trembling Merulius
Gelatinous Woodcrust

[Merulius tremellosus](#)
Meruliaceae

J	F	M	A	M	J	J	A	S	O	N	D	
	+				+	-	-	-	-	+	+	+

ID: Body white/pale yellow; crust-/shelf-like, margin curves outward and forms shelf/bracket; flesh white/pink, waxy/gelatinous. Fertile surface pinkish-salmon, wrinkled/ ribbed.

Habitat: Often overlapping clusters. Usually on hardwood stumps or logs; sometimes on conifers.

Fruiting Body: 5/8 x 1/4" thick [1.5 x 0.5 cm], but usually fused. White/pale yellow; hairy/woolly. Shallow pores/net-like folds; margin curves outward to form shelf/bracket. Flesh white/pink, waxy/gelatinous, thin.

Fertile Surface: Pinkish-orange/brownish-salmon. Wrinkled/ribbed/indistinctly angular-poroid (> 1 mm) or combination.

Spores: White.

Frequency: Fairly common.

Locations: FULSA, GONRA, HENPV, MPENA, NOLAP, SLMLP, WINTR.

Synonym: *Phlebia tremellosa*.

References: Bar 152. Bin 393. Lae 228. M&M 434. BBF 439. McK 79, 6. Pac 291.

Woolly Velvet Polypore

Onnia tomentosa.



OVERALL: North Laurel Park, 8/11/2008, *J Solem*.

SIDE: North Laurel Park, 8/11/2008, *J Solem*.

Woolly Velvet Polypore

Onnia tomentosa
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D
							-	+	-	-	-

ID: Body rusty-brown; shelf-like/fused; concentrically zoned, matted hairs, wrinkled/uneven; margin blunt, lighter. Pores buff. Stalk rudimentary/lateral, ochraceous, velvety.

Habitat: Solitary, groups, fused together. On ground, duff, decaying wood under conifers.

Fruiting Body: 1.4 – 6.5" [3.5 – 16.5 cm]

Tan/ochraceous/rusty-brown. Dry/velvety/matted hairs, coarsely wrinkled and uneven or smooth, exudes yellow liquid when fresh. Circular/fan-shaped/irregular/fused. Margin blunt (wavy/irregular in age). Flesh yellowish-/rusty-brown; fibrous-tough.

Pores: Buff, grayish-brown/dark brown in age. Angular (2 – 4/mm). Tubes (1.5 – 7 mm).

Stalk: 0.8 – 2" x 0.2 – 0.8" [2 – 5 cm x 6 – 20 mm]
Ochraceous/dark brown, sometimes rudimentary, central/off-center/lateral, cylindrical/irregular, velvety/felty.

Spores: Pale yellow/pale brown.

Frequency: Uncommon.

Locations: NOLAP.

Synonyms: *Inonotus tomentosus*. *Polyporus tomentosus*.

References: Bar 150. BBF 383, 397. Lin 471, 448. M&M 415. Pac 267. Roo 356.

Dye Polypore

Phaeolus schweinitzii



UPPER SURFACE: Guilford Park, 9/30/2009, J Solem.

PORES: Guilford Park, 9/30/2009, J Solem.

UPPER SURFACE and PORES: Guilford Park, 9/30/2009, R Solem.

Dye Polypore

Phaeolus schweinitzii
Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
					---	---	---	---	+	---	---

ID: Body dull orange (rusty-brown in age); oblong/irregular; surface matted/hairy; margin sharp/wavy, sometimes lobed. Pores greenish-/orangish-yellow (grayish-brown in age), angular. Stalk (if present) pale brown.

Habitat: Solitary, overlapping clusters or rosettes. On roots at base of conifers or on decaying wood.

Fruiting Body: 1.5 — 10" x up to 1.1" thick [4 – 25.5 cm x 3 cm] Dull orange/ochre (rusty-/dark-brown in age). Surface matted/woolly/hairy. Oval/irregular. Margin yellow-/brownish-orange; sharp, wavy, sometimes lobed. Flesh yellowish-/reddish-brown, fibrous-tough.

Pores: Yellow/greenish-yellow/orange (yellowish-/dark rusty-/ grayish-brown in age). Angular 0.5 – 3/mm; walls thin.

Stalk: 0.8 – 2.8" x up to 2" thick [2 – 7 cm x 3 cm] If present, pale-/dark-/brown, tapers down, branched or not.

Spores: Whitish/yellowish.

Frequency: Uncommon.

Locations: GUIPK.

Synonym: *Polyporus schweinitzii*.

References: BBF 387, 398. Lae 220. Lin 473, 480. Pac 296. Phi 304.

Flecked-flesh Polypore

Phellinus igniarius [complex]



UPPER SURFACE: Browns Bridge, 5/12/2009, J Solem.
PORES: Daniels, 4/26/2009, R Solem.
OVERALL: Henryton, 11/17/2009, J Solem.
PORES: Henryton, 11/17/2009, J Solem.

Flecked-flesh Polypore

Phellinus igniarius [complex]
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D	
+	-	-	+	+	+	+	-	-	-	-	+	+

ID: Body tan/brown (dark in age); shelf-like/hoof-shaped; concentrically furrowed, cracked in age. Pores grayish-brown, annual layers. Stalkless.

Habitat: Solitary, scattered. On hardwood tree trunks (living)/ logs/stumps.

Fruiting Body: 2 – 16" x 2 – 7.9" [5 – 20 cm x 10 – 40 cm], 0.4 – 3.1" thick [2 – 8 cm]
Tan/brown (grayish-black/black in age). Finely hairy, often concentrically furrowed (smooth and usually cracked in age). Convex/semicircular/hoof-shaped. Flesh rust-brown.

Pores: Grayish-brown. Circular (4 – 5/mm). Annual layer of tubes (3 – 5 mm). (Older tube layers become conspicuously stuffed w/ white threads.)

Spores: White.

Frequency: Common.

Locations: BIGBR, BRNBR, DANPV, HENPV, HOUOS, MTPLT, PATBT, RKBRP, ROGOR, SAVPK, SLMLP, TROYH, WESRP.

Notes: Causes white rot. *P. pini* occurs on conifers.

Synonym: *Fomes igniarius*.

References: Bar 141. Lae 218. Lin 475, 530. Phi 307. Rog.

Coral Woodcrust
Coral-pink Merulius

Phlebia incarnata



OVERALL: Schooley Mill, 11/15/2009, *R Solem*.
UPPER SURFACE: Pigtail, 8/27/2009, *J Solem*.
PORES: Pigtail, 8/27/2009, *R Solem*.

Coral Woodcrust
Coral-pink Merulius

Phlebia incarnata
Meruliaceae

J	F	M	A	M	J	J	A	S	O	N	D	
	+			-	-	-	-	-	+	+	+	+

ID: Body rosy-pink; crust-/shelf-like, wavy; flesh pink, soft/leathery. Fertile surface salmon, irregular folds w/ elongate pores.

Habitat: Overlapping clusters. On hardwood logs.

Fruiting Body: 1.2 x 1.2"; up to 6" [3 x 3 cm, up to 15 cm] Coral/rosy pink. Nearly smooth. Crust-/shelf-like, wavy, minutely hairy. Flesh (3 mm) pink, soft and spongy/leathery.

Fertile Surface: Pinkish-orange/brownish-salmon. Irregular or net-like folds w/shallow, elongate pores.

Spores: White.

Frequency: Common.

Locations: CASCT, GONRA, HENPV, LONGC, MPENA, PIGTL, RKBRP, SAVPK, SLMLP, WESRP, WINTR.

Synonym: *Merulius incarnates*.

References: Bar 152. BBF 439. Bin 391. M&M 434. McK 79, #6.

Wrinkled Crust

Phlebia radiata



OVERALL: Schooley Mill, 11/3/2010, J Solem.
INFERTILE SURFACE: Schooley Mill, 11/3/2010, J Solem.

Wrinkled Crust

Phlebia radiata
Meruliaceae

J	F	M	A	M	J	J	A	S	O	N	D			
	+	+			+	-	-	-	-	+	+	+	-	-

ID: Body orange to pink; crust-like, wavy; flesh pink, soft/leathery. Fertile surface salmon, irregular folds w/ elongate pores.

Habitat: Irregular, radiating from central point. On hardwood and conifer logs.

Fruiting Body: 0.4 – 4” across” [1 – 10 cm]
Orange to pink. Nearly smooth w/ edges slightly folded over. Crust fungus, wavy w/ white hairy edge. Flesh (3 mm) pink/purplish, spongy/leathery.

Fertile Surface: Orange to pink (rarely tan w/ orangish edges. Wrinkles and folds radiate more or less from a central point.

Spores: White.

Frequency: Occasional.

Locations: CASCT, HENPV, MCLUR, RKBPR, SLMLP, WINTR.

Synonym: *Phlebia merismoides*.

References: Bar 152. BBF 441key. Lin 424, 587. Phi 318. Kuo.

None

Polyporus admirabilis [or near]



OVERALL: Rocky Gorge Reservoir, 9/30/2009, R Solem.
 OVERALL and PORES: Rocky Gorge Reservoir, 9/30/2009, R Solem.

None

Polyporus admirabilis [or near]
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	++	+	---	---

ID: Rosette of flattened fan-shaped/circular caps w/ white pores when fresh. Cap white/creamy; margin blunt, wavy/ lobed. Stalk white/yellow-brown, off-center, narrow. Odor.

Habitat: Solitary, overlapping clusters or rosettes. On decaying hardwood trunks or stumps (or on ground nearby).

Fruiting Body: 4 – 14" x up to 2" thick [10 – 36 cm x 5 cm] Bright-/creamy-white. Dry, smooth, even. Fan-shaped/circular (slightly depressed/ to funnel-shaped in age). Margin blunt, wavy, sometimes lobed. Flesh white/creamy-white (5 mm), fibrous-tough (softer when young). Odor strong and unpleasant or sickeningly sweet.

Pores: White. Pores circular to angular (3 – 5/mm); circular (1/mm) when mature. Pores continue down substrate.

Stalk: 1 – 3.5" x up to 1.75" [2.5 – 9 cm x 4.5 cm] Whiter/yellowish-brown w/ narrowed base.

Spores: White.

Frequency: Uncommon.

Locations: RKBRP, ROGOR.

Notes: Other references (on web) talk about a complex, which may explain discrepancies. Color to the eye was much lighter (whiter) than photos show.

References: BBF 388, 399.

Hexagonal-pored Polypore

Polyporus alveolaris



UPPER SURFACE: Pigtail, 10/23/2009, R Solem.

PORES: Pigtail, 10/23/2009, R Solem.

Hexagonal-pored Polypore

Polyporus alveolaris
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D		
		+	-	+	-	+	+	+	-	+	+	-	+

ID: Pores white/cream, hexagonal/diamond-shaped, radially arranged. Body reddish-yellow, center darker (fades in age); semicircular/fan-shaped; margin wavy/scalloped. Stalk minimal (short, stubby).

Habitat: Scattered. On dead branches of hardwoods.

Fruiting Body: 0.4 – 4" [1 – 10 cm]
Reddish-yellow/orangish (fades in age); darker at attachment point. Scaly (smoother in age). Semicircular or kidney-/fan-shaped. Wavy/scalloped edge. Flesh (2 mm) white.

Pores: White/cream/light yellow. Diamond-shaped/hexagonal (1 – 3/mm); usually radially arranged; descend stalk (if present).

Stalk: White/cream. Usually minimal (short, stubby, lateral).

Spores: White.

Frequency: Common.

Locations: BIGBR, BRNBR, CASCT, DANPV, GONRA, LONGC, MPENA, MCHPV, PIGTL, RKBRP, SLMLP, SUKBR, WESRP, WINTR.

Synonyms: *P. mori*. *Favolus alveolaris*.

References: Bar 144. Bin 407. Kuo. Lin 455, 508. Pac 265. Phi 298. Roo 363. Rog.

Spring Polypore

Polyporus arcularius



UPPER SURFACE and PORES: North Farm Park, 5/4/2010, J Solem.
 SIDE: North Farm Park, 5/4/2010, J Solem.
 PORES and STALK (old): North Farm Park, 5/4/2010, J Solem.

Spring Polypore

Polyporus arcularius
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
			---	+	+	+					

ID: Body dark brown, circular, convex to depressed; margin incurved w/ conspicuous hairs. Pores large, hexagonal. Stalk color of cap, smooth or scaly, central.

Habitat: Solitary, groups. On decaying hardwood or buried wood.

Fruiting Body: 0.4 – 1.4" [1 – 8 cm]
 Dark brown (golden-/yellow-brown in age). Surface scaly, dry. Circular, convex to depressed/funnel-shaped. Margin incurved, lined w/ conspicuous hairs. Flesh (1.5 mm) white; fibrous-tough.

Pores: White/pale yellow. Pores elongated, hexagonal/angular (.5 – 1/mm), somewhat decurrent.

Stalk: 0.8 – 2.4" x 1/16 – 3/16" [2 – 6 cm x 1.5 – 4.5 mm]
 Yellowish-brown to dark brown, scaly to smooth; nearly equal, central.

Spores: White.

Frequency: Occasional.

Locations: NOFPK, PIGTL, WINTR.

References: Bar 144. BBF 384, 399. Bin 401. Lin 478, 509. M&M 418. Roo 359.

Winter Polypore

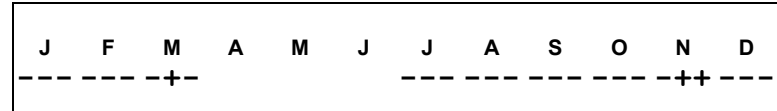
Polyporus brumalis



SIDE: Wincopin, 11/20/2010, *J Solem*.
 PORES: Wincopin, 11/20/2010, *J Solem*.
 CAPS: Wincopin, 11/20/2010, *J Solem*.
 CAP: Gorman Stream Valley NRA, 3/16/2011, *J Solem*.

Winter Polypore

Polyporus brumalis
 Polyporaceae



ID: Overwinters. Scattered on dead hardwoods. Yellow-brown convex/depressed cap; short stalk (usually).

Habitat: Scattered. Dead wood of fallen hardwoods.

Fruiting Body: [1.5 – 10 cm]
 Yellow-/reddish-/blackish-brown. Convex/depressed. Hairy (nearly smooth in age). Flesh thin (1 – 2 mm).

Pores: Whitish. Circular/angular (2 – 3/mm). Tubes (1 – 3 mm). Slightly decurrent.

Stalk: 0.8 – 2.4" x 1/16 – 1/4" [2 – 6 cm x 1 – 6 mm]
 Grayish/brownish. Smooth/minutely hairy. Central or eccentric.

Spores: White.

Frequency: Uncommon.

Locations: GONRA, WINTR.

References: Bar 146. BBF 384fn. Bin 405. Lin 479, 375. M&M 418fn. Phi 300. Roo 361.

None

Polyporus craterellus



OVERALL: Rockburn Branch Park, 8/25/2010, R Orr.
 SIDE (PORES and STEM): Rockburn Branch Park, 8/25/2010, J Solem.

None

Polyporus craterellus
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	

ID: Tan funnel with pores.

Habitat: Solitary, scattered. On dead wood/logs.

Fruiting Body: 2 – 5.5" [5 – 14 cm
 Ochraceous/deep tan. Flat (center depressed in age). Funnel-shaped.
 Smooth/scattered tufts of hair.

Pores: Whitish/yellowish/yellowish-brown. Decurrent. Angular (1 – 3 mm).

Stalk: 0.8 – 2" x 0.1 – 0.3" [2 – 5 cm x 3 – 8 mm]
 Pale brown. Central.

Spores: White.

Frequency: Uncommon.

Locations: RKBRP.

References: BRB 359, 368.

www-messiah-edu_Oakes_fungi_on_wood_poroid_fungi_species_pages_Polyporu.pdf

Dryad's Saddle
Pheasant's-back Polypore

Polyporus squamosus



OVERALL: Daniels, 8/23/2008, *N Magnusson*.
UPPER SURFACE and STALKS: Font Hill Pk, 4/29/20074, J Tveekrem.
OVERALL: Pigtail, 4/27/2009, *R Solem*.
PORES: Daniels, 8/23/2008, *N Magnusson*.
UPPER SURFACE: Daniels, 4/26/2009, *J Solem*.

Dryad's Saddle
Pheasant's-back Polypore

Polyporus squamosus
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
			+++	+++	+-+	---+	+-+	---	---	---	---

ID: Body creamy-white/ dingy, covered w/ large flattened reddish-brown scales; shape varies (fan-shaped to circular/funnel-shaped); margin entire/lobed; flesh thick. Pores off-white, angular. Stalk white above, brownish-black at base; off-center/rudimentary.

Habitat: Solitary, groups, overlapping clusters. On decaying hardwoods.

Fruiting Body: 2 – 12" [5 – 30.5 cm]

Creamy-white/dingy-yellowish/pale yellow-brown. Covered w/large flattened reddish-brown scales (often concentrically arranged). Kidney-/fan-shaped or circular/funnel-shaped. Margin entire/conspicuously lobed, thin. Flesh (up to 4 cm) white, soft-corky/fibrous-tough.

Pores: Off-white. Angular. Tubes (2 – 8 mm).

Stalk: 0.3 - 4.8" x 0.4 – 2" [1 – 12 cm x 1 – 5 cm]

White on upper portion, brown/brownish-black at base, lateral/off-center/rudimentary.

Spores: *White*.

Frequency: Common.

Locations: CASCT, DANPV, FHWLP, GONRA, HENPV, MARPV, MPENA, ORRBB, PIGTL, RKBPR, SAVPK, SLMLP, WINTR.

Notes: There are other smaller similar polypores: see BBF 392. Russell says grows in spring and again in fall.

References: Bar 145. BBF 392, 11. Lae 203. Lin 481, 507. M&M 418fn. McK 129, #14.Pac 309. Phi 298. Roo 365. Rus 44, 13.

Little Nest Polypore

Poronidulus conchifer



CUPS OVERALL: MPENA, 10/13/2010, *J Solem*.
 CUPS (old): MPENA, 10/13/2010, *J Solem*.

Little Nest Polypore

Poronidulus conchifer
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D			
		+	+		-	-	-	-	-	-	+	++	-	-

ID: Cup white/ brown concentrically zoned; persists. Cup zoned w/ gray-white/yellow-pale brown.

Habitat: Groups. Decaying hardwood.

Cup: Up to 0.6" [1.6 cm]
 Brown (white and brown in age). Smooth. Concentrically zoned (blotched). Cup persists in age (white).

Cap: 0.4 – 2" x [1 – 5 cm]
 Zones w/ contrasting colors (white/grayish-white, yellowish/pale brown). Smooth/slightly velvety. Fan-/kidney-shaped, stiff. Margin thin, wavy. Flesh white (1 mm), fibrous-tough.

Pores: White/yellowish. Angular (2 – 4/mm).

Spores: White.

Frequency: Occasional.

Locations: CASCT, MPENA, MCHPV, RKBRP.

Synonym: *Trametes conchifer*.

References: Bar 137. BBF 393, 400. Lin 485, 485. Phi 320.

Blue Cheese Polypore

Postia caesia



PORES: Big Branch, 11/2/2009, *J Solem*.
 OVERALL: Big Branch, 11/2/2009, *R Solem*.
 UPPER SURFACE: Henryton, 10/9/2009, *R Solem*.
 OVERALL: Big Branch, 10/9/2009, *R Solem*.

Blue Cheese Polypore

Postia caesia
 Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	+	---

ID: Body whitish/bluish (blue-gray in age), finely hairy/smooth; semicircular; fleshy; stalkless. Pores white (blue-gray in age).

Habitat: Solitary, overlapping groups. On decaying wood.

Fruiting Body: 0.8 – 4” x 0.8 – 2” [1 – 8 cm x 1 – 4 cm]
 Whitish/bluish, blue-gray in age, hardening. Finely hairy (smooth and pockmarked in age). Convex/flat/semicircular. Sharp margin. Flesh (1-10 mm).

Pores: White (blue-gray in age). Circular/angular (2 – 4/mm). Tubes (2 – 8 mm).

Spores: Whitish w/ gray-blue tinge/pale blue.

Frequency: Occasional.

Locations: BIGBR, HAMVL, HENPV, SLMLP.

Synonyms: *Tyromyces caesius*. *Oligoporus caesius*.

References: 394fn. Bar 136. BBF 391fn. Lin 490, 522. Pac 308. Phi 310. Roo 388fn. Rog.

Staining Cheese Polypore

Postia fragilis.



UPPER SURFACE: Rockburn Branch Park, 7/28/2010, R Orr.
 SIDE: Rockburn Branch Park, 7/28/2010, R Solem.
 PORES: Rockburn Branch Park, 7/28/2010, R Solem.

Staining Cheese Polypore

Postia fragilis
 Fomitopsidaceae

J	F	M	A	M	J	J	A	S	O	N	D
						++	--	--	--	--	--

ID: Body white/buff, stains/dries reddish-brown; may ooze liquid when young; lumpy; stalkless. Pores white (stain yellow/reddish).

Habitat: Solitary, overlapping clusters, fused in rows. Decaying conifer wood.

Fruiting Body: 0.4 – 4" [1 – 10 cm]
 White/buff, staining reddish-brown when bruised or dry. Covered w/ soft fibers (become matted in age). Fan-shaped/semicircular, sometimes laterally fused. Soft (may ooze drops of liquid when young); fibrous-tough in age. Flattened/convex. Stalkless.

Pores: White. Stain yellow, then reddish-brown. Angular/ irregular, sometimes jagged (2 – 4/mm). Tubes (2 – 8 mm).

Spores: Whitish.

Frequency: Uncommon.

Locations: RKBRP, SLMLP.

Synonyms: *Tyromyces fragilis*. *Oligoporus fragilis*.

References: BBF 391, 398. Lin 492, 589. Phi 310. Roo 389. Rog.

Reddish-brown Crust

Pseudochaete tabacina



OVERALL (infertile surface): Patapsco Female Institute,
7/30/2010, R Solem.

OVERALL (side): Patapsco Female Institute, 7/30/2010, R Solem.

Reddish-brown Crust

Pseudochaete tabacina
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D
-----+-----											

ID: Often a large, fused sheet. Fertile surface dull brown, velvety (fresh) or cracked (old and dry). Use KOH.

Habitat: Overlapping clusters on decaying hardwoods.

Fruiting Body: 0.4 – 0.8” W x 1/4 – 3/8” H [1 – 2 cm x 6 – 10 mm] **Sterile surface:** Yellowish-/orange-/dark-brown. Shelf-like stalkless caps often fused laterally and extending 8 – 12” [20 – 30 cm]. Densely matted/woolly (nearly smooth in age). Margin orange-/bright golden-yellow. **Fertile surface:** Dull brown w/ many dark-brown *setae*. When dry, it is uneven, smooth/finely cracked/deeply radially cracked on flattened part. Flesh dull brown, tough, fibrous; turns dark brown w/ KOH.

Frequency: Uncommon.

Locations: PAFEI.

Synonym: *Hymenochaete tabacina*.

References: BBF 441, 578. Lin 439, 578.

Warted Oak Polypore

Pseudoinonotus dryadeus



OVERALL: Rocky Gorge Reservoir, 8/24/2009, *R Solem*.
PORES and CLEAR DROPS: Pigtail, 8/27/2009, *R Solem*.
UPPER SURFACE: High Ridge Park, 8/26/2009, *R Solem*.
OVERALL (young): Rocky Gorge Reservoir, 8/24/2009, *R Solem*.

Warted Oak Polypore

Pseudoinonotus dryadeus
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D	
			+	-	-	-	+	-	+	+	-	-

ID: Body whitish-gray (dark in age); uneven/ warty/lumpy. Pores whitish/gray-brown (dark in age). Stalkless. Odor unpleasant.

Habitat: Solitary, sometimes fused. At base of living oaks or fresh oak stumps (infrequent on other hardwoods; found once on cherry).

Fruiting Body: 3 – 16" [7.5 – 40 cm]
Whitish-gray (gray-yellow/red-brown/blackish in age). Hairy (smooth in age), surface uneven/warty, bumpy, exudes clear drops when young. Convex/irregular. Flesh (1.5 – 5 cm) yellow-/rusty-brown, fibrous-tough. Odor unpleasant.

Pores: Whitish-/gray-brown (often w/ silvery sheen); dark in age. Round to angular (3 – 5/mm). Tubes (5 – 30 mm).

Stalk: Absent/very short. Longitudinal pits.

Spores: Whitish/pale yellow.

Frequency: Fairly common.

Locations: BIGBR, HENPV, HIRIP, NOLAP, PIGTL, ROGOR, SLMLP, WESRP, WINTR.

Synonyms: *Inonotus dryadeus*. *Polyporus dryadeus*.

References: Bin 285. Lin 466, 534. Rog.

None

Pycnoporellus fulgens



OVERALL: High Ridge Park, 9/9/2009, *J Solem*.
 PORES: High Ridge Park, 9/9/2009, *J Solem*.
 SIDE: High Ridge Park, 9/9/2009, *R Solem*.
 PORES: High Ridge Park, 9/9/2009, *R Solem*.

None

[*Pycnoporellus fulgens*](#)
Hymenochaetaceae

J	F	M	A	M	J	J	A	S	O	N	D	
									+			

ID: Body pale orange; semicircular/ fan-shaped; stalkless. Pores orange, often lacerated in age.

Habitat: Solitary, scattered, groups, overlapping clusters. On decaying hardwood or conifers.

Fruiting Body: 1.5 – 3.5" [4 – 9 cm]
 Pale-/dark-orange to rusty. Surface covered w/ tiny, matted hairs, faint concentric rings (nearly smooth in age); margin whitish. Semicircular/fan-shaped, flattened/slightly convex. Flesh pale orange, corky/fibrous-tough.

Pores: Pale-/dark-orange, often lacerated in age. Circular/ angular (2 – 3/mm). Tubes (4 mm).

Spores: *Whitish/buffy-white*.

Frequency: Uncommon.

Locations: HIRIP.

References: BBF392, 399. Roo 382.

Cinnabar Polypore

Pycnoporus cinnabarinus



UPPER SURFACE and PORES: High Ridge Park, 9/9/2009, *R Solem*.
SIDE: Old Frederick Road, 5/22/2009, *R Solem*.
UPPER SURFACE (old): Old Frederick Road, 5/22/2009, *R Solem*.

Cinnabar Polypore

Pycnoporus cinnabarinus
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D	
---	---	+	+	---	+	+	---	+	---	---	+	---

ID: Body reddish-orange; fan-/kidney-shaped; wrinkled; stalkless. Pores dark orange-red.

Habitat: Solitary, groups, overlapping clusters. On decaying wood.

Fruiting Body: 1.1 – 5.5” x 0.6” [3 – 14 cm x 1.6 cm]
Orange to red/reddish-orange (mixed w/ other colors/fades in age). Smooth or wrinkled. Fan-/kidney-shaped, convex/flattened. Laterally attached (1.1 x 0.8” [3 x 2 cm]). Margin rounded/sharp. Flesh corky/fibrous-tough.

Pores: Dark/pale orange-red. Circular/angular (2 – 4/mm). Tubes (2 – 3 mm), none at margin.

Spores: Whitish.

Frequency: Fairly common.

Locations: CASCT, HIRIP, MPENA, MCHPV, MTPLT, OFRRD, RKBRP, SLMLP, WINTR.

References: Bar 149. BBF 393, 399. Lae 225. Lin 486, 512. M&M 429. Pac 298. Phi 304. Roo 383.

Bay-brown Polypore

Royoporus badius



OVERALL: Schooley Mill Park, 10/12/2009, J Solem
 PORES and STALK: Schooley Mill Park, 10/12/2009, R Solem.
 TOP (old): Pigtail, 11/21/2009, J Solem

Bay-brown Polypore

Royoporus badius
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
				+	-	-	-	+	-	-	-

ID: Body reddish-brown w/ darker center when young (whole body much darker in age); circular/irregular, typically depressed/funnel-shaped; margin paler, uplifted/ wavy in age. Pores white/pale buff, decurrent. Stalk reddish-brown above, black below, swollen at attachment point, central.

Habitat: Solitary, groups, clusters. On decaying hardwood.

Fruiting Body: 1.5 – 8" [4 – 20. 5 cm]

Pale reddish-brown w/ darker center when young (soon chestnut-brown/reddish-brown w/ blackish-brown center). Surface smooth, dull/shiny. Circular/irregular, typically funnel-shaped/convex/slightly depressed. Margin pale yellowish-reddish-brown and inrolled when young (uplifted, thin, wavy, or lobed In age). Flesh (1 mm) white; fibrous-tough.

Pores: White/pale buff. Pores circular/angular (5 – 7/mm), more or less decurrent.

Stalk: 0.4 – 2" x 1/8 – 5/8" [1 – 5 cm x 3 – 16 mm]

Reddish-brown near apex (or not), black below; smooth; nearly equal or tapers down (swollen at point of attachment).

Spores: White.

Frequency: Occasional.

Locations: DANPV, HENPV, LONGC, PIGTL, SLMLP.

Notes: Unable to determine whether this is *Polyporus badius* or *Royoporus badius* (both are listed in *Index Fungorum*.)

Synonym: *Polyporus badius*

References: Bar 146. BBF 384, 399. Bin 403. Lae 204. Lin 478, 543. M&M 419. Roo 360.



OVERALL: Pigtail, 8/17/2009, R Solem.

CAP EDGE and SPINES: Pigtail, 8/17/2009, R Solem.

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
							+	+	+		

ID: Stalk colored like cap, bluish-black near base. Cap reddish-/chestnut-brown, surface smooth (cracked/scaly showing dingy white beneath in age); convex/nearly flat. Spines pale brown/grayish (darker in age). Taste very bitter.

Habitat: Solitary, scattered, groups. On ground in forests.

Cap: 2– 6" [5 – 15 cm]

Pinkish-/reddish-/chestnut-/blackish-brown; surface soon becoming cracked and scaly showing yellowish-brown/ dingy white beneath, scales appressed/somewhat erect at center. Convex/nearly flat. Flesh whitish, firm, brittle.

Fertile surface: Spines 1/4 – 3/8" [6 – 10 mm]; pale brown/grayish (reddish-/dark-brown in age); decurrent.

Stalk: 1.5 – 4" x 0.6 – 1.4" [4 – 10 cm x 1.5 – 3.5 cm]

Colored like cap, bluish-green/blackish near base. Smooth, dry. Tapers up, base swollen. Hollow in age.

Spores: Pale brown.

Frequency: Uncommon.

Locations: PIGTL.

Notes: Roody says a similar species (*S. imbricatus* [not found]) lacks bluish-green at base of stalk.

Synonym: *Hydnum scabrosum*.

References: Bar 124. BBF 403. Lae 237. Lin 435. M&M 402fn. McK 95, 10. Pac 270fn. Roo 404.

Ochre Toothed Mushroom

Steccherinum ochraceum



OVERALL: Rockburn Branch Park, 10/22/2010, J Solem.
SPINES: Rockburn Branch Park, 10/22/2010, R Solem.
FERTILE SURFACE: Wilde Lake, 8/3/2010, R Orr.

Ochre Toothed Mushroom

Steccherinum ochraceum
Meruliaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
						+				+	

ID: Body grayish-white/ochre; hairy; margin whitish. Spines ochre, often forked. Distinct odor.

Habitat: Flat, sometimes shelving brackets. On branches/twigs of hardwoods (cherry).

Fruiting Body: 1.2 – 12” x 1.6” [3 – 30 cm x 4 cm]
Variable (grayish-white, ochre). Hairy; zonate surface. Often laterally fused. Margin whitish. Distinct odor.

Fertile surface: Ochre; spines up to 1 mm long, compressed, often forked.

Spores: White.

Frequency: Occasional.

Locations: MPENA, RKBRP, WILLK.

References: Bar 128. Lin 437, 588. Bin 417.

Crowded Parchment

Stereum complicatum



OVERALL: Scholley Mill Park, 5/82009, *J Solem*.
 FERTILE SURFACE: High Ridge Park, 8/1/2009, *R Solem*
 INFERTILE SURFACE: High Ridge Park, 8/1/2009, *R Solem*.
 SIDE: High Ridge Park, 8/1/2009, *R Solem*.

Crowded Parchment

Stereum complicatum
 Stereaceae

J	F	M	A	M	J	J	A	S	O	N	D
	+	++		+	-	-	-	++	++	++	-

ID: Body tan/orange-brown/pinkish; densely velvety (less so in age); often fused; stalkless. Fertile surface orange (cream in age), smooth.

Habitat: Groups, overlapping clusters (often fusing together). On dead hardwood branches/stumps (especially oak).

Fruiting Body: Up to 0.8" [2 cm] but usually fused together. Tan/orange-brown/pinkish/cinnamon. Densely velvety/hairy/ appressed hairs (sometimes nearly smooth in age). Laterally attached, irregular/fan-shaped. Margin wavy.

Pores: Orange (cream/cinnamon-buff in age). Smooth.

Spores: *White* (but difficult to obtain).

Frequency: Common.

Locations: BIGBR, DANPV, HENPV, HIRIP, HOUOS, LONGC, MPENA, RKBRP, SLMLP, SUKBR, TUFTS, WESRP, WINTR.

Notes: Sometimes parasitized by jelly fungi.

Synonym: *S. remeale*.

References: Bin 425. M&M 436, Lin 496, 545. Phi 319. Kuo.

Bleeding Oak Crust

Stereum gausapatum



OVERALL: MPENA, 8/19/2010, R Orr.
FERTILE SURFACE (with red drops): MPENA, 8/19/2010, R Orr. INFERTILE SURFACE: MPENA, 8/19/2010, J Solem.
END OF LOG: MPENA, 8/19/2010, J Solem.

Bleeding Oak Crust

Stereum gausapatum
Stereaceae

J	F	M	A	M	J	J	A	S	O	N	D
-----+-----++-----											

ID: Zonate bands of orange/brown/black; wavy margin.

Habitat: Dead or fallen oaks.

Fruiting Body: Up to 1.5" x 1.5" [4 cm x 4 cm]
Bands of orange/brown/black, zonate. Edges usually curl up. Margin very light when fresh. Flexible (brittle when dry.) Often w/ sweet almond odor.

Fruiting Surface: shades of oranges tinged w/ brown. Smooth/ wrinkled. Turns red where injured. May ooze red drops.

Spores: Pale orange.

Frequency: Uncommon.

Locations: GONRA, MPENA, WESRP.

References: Bin 419. BBF 439key. Rog.

False Turkey-tail

Stereum ostrea



INFERTILE SURFACE: Henryton, 10/26/2009, R Orr.

FERTILE SURFACE: Pigtail, 8/31/2010, R Orr

INFERTILE SURFACE (old): Wincopin, 10/29/2008, J Solem.

False Turkey-tail

Stereum ostrea

Stereaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	---	+++	+++	+++	+++	+++	+++	+++	+++	+++	---

ID: No pores. Body w/ conspicuous zones of various contrasting colors; fan-/kidney-/funnel-shaped; margin thin; stalkless.

Habitat: Groups, clusters. On decaying hardwood branches/ logs/stumps.

Fruiting Body: 0.4 – 2.8" [1 – 7 cm]

Typically reddish-brown and other colors (gray/yellow/ orange). Concentrically zoned. Covered w/ fine, silky hairs. Often whitish at margin.

Fruiting Surface: Reddish-brown/reddish-buff/buff. Smooth, no pores.

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, CEDLP, DANPV, DFWMA, DORWD, FULSA, GONRA, HAMVL, HENPV, HIRIP, HOLLO, HOUOS, LONGC, MARPV, MPENA, MCHPV, MTPLT, PIGTL, RKBRP, SAVPK, SLMLP, SUKBR, SVMLT, TUFTS, WESRP, WINTR.

Synonyms: *S. fasciatum*. *S. lobatum*. *S. versicolor*.

References: Bar 154. BBF 443. Bin 423. Lin 497, 536. M&M 435. McK 80, 6. Phi 315. Roo 384.

Silky Parchment

Stereum striatum



FERTILE SURFACE: Long Corner, 8/7/2009, R Solem.

Silky Parchment

Stereum striatum
Stereaceae

J	F	M	A	M	J	J	A	S	O	N	D
---		+	---		---		++	---		---	

ID: Body silvery/pale gray w/ small silky fibers; often fused; stalkless. Fertile surface light buff (fades in age), smooth/wrinkled.

Habitat: Groups. On dead branches/twigs of hardwoods (especially hornbeam).

Fruiting Body: 1/4 — 3/8" [5 – 10 mm], often laterally fused to 4" [10 cm]. Silvery/pale gray. Flat, round, sometimes conical (when small). Small radiating silky fibers.

Pores: Light buff/ochre-buff/brown (fades in age). Smooth/ wrinkled, sometimes concentrically zoned.

Spores: White.

Frequency: Occasional.

Locations: GONRA, LONGC, MPENA.

References: Lin 497, 574. Phi 318. Roo 384fn. Rog.

Common Fiber Vase
Earth Fan

Thelephora terrestris



OVERALL: Pigtail, 8/27/2009, *R Solem*.
FERTILE SURFACE: Pigtail, 8/27/2009, *J Solem*.
INFERTILE and FERTILE SURFACES: Pigtail, 8/27/2009, *R Solem*.

Common Fiber Vase
Earth Fan

Thelephora terrestris
Thelephoraceae

J	F	M	A	M	J	J	A	S	O	N	D
-----+-----											

ID: On ground/in moss in forests. Body rusty-brown (darker in age); circular/fan-shaped overlapping caps, often fused; short stiff matted hairs; margin lighter, woolly, looks coarsely torn. Pores pale gray/pinkish-brown; wrinkled/ finely warted.

Habitat: Solitary, overlapping clusters. Attached to roots/ branches or on ground/in moss in forests.

Fruiting Body: 0.8 – 2” x 0.5 – 2.8”
[2 – 5 cm x 1.3 – 7 cm] Rusty-/dark-/grayish-brown (blackish-brown in age). Short, stiff hairs, often matted/scaly; somewhat concentrically zoned. Circular to fan-shaped; stalkless caps in overlapping clusters often laterally fused. Margin white/brown; woolly, looks coarsely torn, often w/ small fan-shaped outgrowths. Flesh leathery. Odor unpleasant.

Pores: Pale gray/pinkish-brown/brown; somewhat wrinkled/finely warted.

Spores: *Purple-brown*.

Frequency: Uncommon.

Locations: PIGTL.

References: Bar 153. BBF, 426, 14. Lae 229. Lin 413, 437. M&M 437. McK 78, 6: Pac 328. Phi 357. Roo 434fn.

None

Trametes hirsuta



OVERALL: Pigtail, 4/12/2010, R Orr.

None

Trametes hirsuta
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
-	-	-	-	-	-	-	-	-	-	-	-
	+			+						+	

ID: Cup white/ brown concentrically zoned; persists. Cap zoned w/ gray-white/yellow-pale brown.

Habitat: Clusters on dead hardwoods (rarely conifers).

Fruiting Body: 3.9 x 2.4" [10 cm x 6 cm]

Zones w/ gray/whitish/brownish shades, little contrast. Densely hairy, radially furrowed in concentric zones. Semicircular/ irregularly bracket-/kidney-shaped. Margin often brownish/ blackish. Flesh whitish, thin.

Pores: Whitish (brownish/grayish/yellowish in age). Pores circular/angular (3 – 4/mm). Tubes (6 mm).

Frequency: Occasional.

Locations: DANPV, HIRIP, PIGTL.

Synonym: *Coriolus hirsutus*.

References: Bar 137. BBF 394fn. Bin 429. Lin 489fn. Roo 386fn. Kuo.

None

Trametes pubescens



OVERALL: MPENA, 12/7/2009, R Solem.
 CAP: MPENA, 12/8/2009, J Solem.
 PORES: MPENA, 12/8/2009, J Solem.

None

[*Trametes pubescens*](#)
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D		
	+				-	-	-	-	-	-	-	+	+

ID: Body cream/yellowish-tan; fan-/kidney-shaped or irregular; tomentose. Pores white (yellowish in age), <1 cm thick.

Habitat: Overlapping clusters. On dead hardwood branches.

Fruiting Body: 2 – 4” x < 0.4” thick [5 – 10 cm x <1 cm]
 Cream/yellowish-tan. Conspicuous or faint concentric zones, noticeably tomentose/finely hairy. Fan-/kidney-shaped, flattened.

Pores: White (yellowish in age). Circular /slightly angular (3 – 5/mm). Tubes (<5 mm).

Spores: White.

Stalk: Rudimentary/none.

Frequency: Uncommon.

Locations: GONRA, MPENA, MTPLT.

Synonyms: *Boletus pubescens*. *Coriolus pubescens*. *Polyporus pubescens*. *T. merisma*. *T. quercina*. *T. velutina*.

References: Bar 137. Bin 431. Lae 224fn. Phi 317. Rog.

Turkey-tail

Trametes versicolor



OVERALL: Henryton, 9/16/2009, R Solem.
 INFERTILE SURFACE: Henryton, 9/16/2009, R Solem.
 INFERTILE SURFAE: Henryton, 9/16/2009, R Solem.
 PORES: Big Branch, 8/21/2009, R Solem.
 INFERTILE SURFACE: Annapolis Rock, 4/29/2009, W Earp.

Turkey-tail

[*Trametes versicolor*](#)
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	+++	+++	+++	---	+++	+++	---	+++	+++	+++	---

ID: Body conspicuous zones w/ various contrasting colors; fan-/kidney-/funnel-shaped, often fused; margin thin; stalkless. Pores white/gray, small.

Habitat: Solitary, overlapping clusters or rows. On dead hardwoods (or conifers) or in wounds.

Fruiting Body: 1 – 4" [2.5 –10 cm]
 Various contrasting colors (brown/blue/gray/orange/ green) in conspicuous concentric zones. Thin, velvety/silky/hairy, fibrous. Fan-/kidney-shaped, flattened/ fused into rows. Margin thin. Flesh (1-2 mm) w/ thin black layer below surface.

Pores: White/gray. Angular/circular (3 – 5/mm).

Spores: White.

Frequency: Very common.

Locations: ANNRK, BIGBR, CASCT, CEDLP, DANPV, DORWD, FARMS, FULSA, GONRA, HENPV, HIRIP, HOUOS, LONGC, MPENA, MCHPV, MTPLT, NOFPK, PIGTL, RKBPR, ROGOR, SLMLP, TROYH, WINTR.

Notes: False Turkey-tail (*Stereum ostrea*) has no pores.

Synonyms: *Coriolus versicolor*. *Polystictus versicolor*. *Polyporus versicolor*.

References: Bar 138. BBF 393, 400. Bin 433. Lae 224. Lin 489,482. M&M 430. McK 125, 14. Phi 317. Roo 385. Rus 205, #100.

None

Trametopsis cervina



INFERTILE SURFACE: Big Branch, 5/29/2009, R Solem.
 PORES: Big Branch, 5/29/2009, R Solem.
 OVERALL (young): Pigtail, 6/13/2009, R Solem.

None

[*Trametopsis cervina*](#)
 Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
-	-	-	-	-	-	-	-	-	-	-	-
	+			+	+						

ID: Body zones white/pinkish-buff; shell-/fan-shaped, overlapping clusters; coarse hairs, margin uneven/wavy in age; stalkless. Pores white (buff in age), labyrinthine/tooth-like in age.

Habitat: Overlapping clusters on decaying hardwoods (rarely conifers).

Fruiting Body: 1.1 – 3.5” x 0.4” thick [3 – 9 cm x 9 mm]
 White/pinkish-buff/pale cinnamon zones. Coarse hairs. Shell-/fan-shaped, leathery to stiff. Margin uneven/wavy in age. Flesh (1 mm) white/pale buff, fibrous-tough.

Pores: White (cinnamon-buff in age). Irregular/angular (conspicuously labyrinthine/tooth-like in age).

Spores: *White/cream.*

Frequency: Occasional.

Locations: BIGBR, CASCT, DANPV, PIGTL, RKBRP.

Synonym: *Trametes cervina.*

References: BBF 380, 399.

Purple Toothed Polypore

Trichaptum abietinum



OVERALL (old): Browns Bridge, 6/13/2009, R Solem.

INFERTILE SURFACE: Browns Bridge, 6/13/2009, R Solem.

FERTILE SURFACE: Rockburn Branch Park, 10/23/2010, J Solem.

Purple Toothed Polypore

Trichaptum abietinum

Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	+	---	+	---	+	+	+	---	+	+	---

ID: On dead conifers. Body zones of whitish/grayish-white; semicircular/irregular; tough and leathery; stalkless. Pores purple/lilac (buff/brown and split in age).

Habitat: Overlapping clusters. On dead conifers.

Fruiting Body: Up to 2.4" x 1/8" [6 cm x 3 mm]
Zones of whitish/grayish-white. Smooth, not hairy. Semicircular, irregularly bracket-/kidney-shaped, flattened-convex. Margin sometimes pale lilac. Flesh whitish, tough and leathery.

Pores: Purple/lilac, strongest shades near margin (buff/ brownish in age). Hairy (hairier than *T. biforme* according to Kuo). Angular (3 – 5/mm), split to become spines.

Spores: White.

Frequency: Fairly common.

Locations: BRNBR, DANPV, DFWMA, HIRIP, MPENA, RKBRP, WINTR.

Notes: Smaller and thinner than *T. biforme*.

Synonym: *Hirschioporus abientinus*.

References: Bar 148. BBF 278. Lae 226. Lin 490. M&M 430fn. Roo 387fn.

Violet Toothed Polypore
Purple Toothed Polypore

Trichaptum biforme



OVERALL: Big Branch, 5/12/2009, R Solem.
PORES: Big Branch, 5/12/2009, R Solem.

Violet Toothed Polypore
Purple Toothed Polypore

Trichaptum biforme
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D	
+--	---	+++	+++	+++	+++	+++	+++	+++	---	+++	+++	---

ID: On dead hardwoods. Body zones of whitish/grayish-white; semicircular/irregular; tough and leathery; stalkless. Pores purple/lilac (buff/brown and split in age).

Habitat: Overlapping clusters. On dead hardwoods.

Fruiting Body: Up to 2.4" x 1/8" [6 cm x 3 mm]
Zones of whitish/grayish-white. Hairy/finely hairy/smooth. Semicircular, irregularly bracket-/kidney-shaped, or flattened-convex. Margin sometimes pale lilac. Flesh whitish, tough /leathery.

Pores: Purple/lilac, strongest shades near margin (buff/ brownish in age). Angular (3 – 5/mm), split to become spines. Tubes (1 – 3 mm).

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, DANPV, DFWMA, FULSA, GONRA, HENPV, HIRIP, HOUOS, HOWCH, LONGC, MPENA, MCHPV, NOLAP, PIGTL, RKBRP, SLMLP, SUKBR, TUFTS, WESRP, WINTR.

Synonyms: *Hirschioporus biformis*. *Polporus paragamenus*.

References: Bin 441. Lae 226fn. Lin 490, 538. M&M 430. Phi 315. Roo 387.

White Cheese Polypore

Tyromyces chioneus



OVERALL: Big Branch, 8/5/2009, *R Solem*.

BODY: Pigtail, 9/25/2009, *J Solem*.

BODY: Pigtail, 9/15/2009, *R Solem*.

White Cheese Polypore

Tyromyces chioneus
Polyporaceae

J	F	M	A	M	J	J	A	S	O	N	D
++	+--	----	----	---	+++	+++	+++	+++	+++	+++	---

ID: Body white (pale yellow/ gray in age); finely hairy/smooth, oozes water when young; variety of shapes, lumpy; fleshy; stalkless. Pores white (pale yellow/gray in age).

Habitat: Scattered. On decaying hardwoods.

Fruiting Body: 0.8 – 4” [2 – 10 cm]
Whitish. Dry and soft (but may ooze water). Smooth/slightly tomentose/warty. Variety of shapes. Flesh (up to 2 cm) white, spongy. Does not bruise/discolor. Unpleasant taste.

Pores: White (pale yellow/pale gray in age). Angular/ circular (3 – 5/mm). Tubes (1.5 – 8 mm).

Spores: White.

Frequency: Very common.

Locations: BIGBR, CASCT, DANPV, DFWMA, GONRA, GUIPK, HENPV, HIRIP, HOUOS, LONGC, MPENA, NOLAP, PIGTL, RKBRP, SLMLP, SUKBR, WESRP, WINTR.

References: Bar 136. BBF 394, 400. Lin 491, 490. Pac 308fn. Phi 310. Roo 388.

Ceramic Fungus

Xylobolus frustulatus



OVERALL: Henryton, 7/15/2009, J Solem.
 OVERALL: Henryton, 7/15/2009, R Solem.

Ceramic Fungus

[*Xylobolus frustulatus*](#)
 Stereaceae

J	F	M	A	M	J	J	A	S	O	N	D	
+--	+++	+++	+++	+++	+++	+-	+-	---	---	---	+++	---

ID: Body dirty-/pinkish-white individual small “tiles.”

Habitat: Dense clusters (flat crust). On debarked oak logs, infrequently on other hardwoods.

Fruiting Body: Up to 24” [50 cm], individual frustules (tile-like polygons) to 0.4” [1 cm] Dirty white/pinkish-white/pale yellow-brown (grayish-brown in age), sides dark-brown/black. Surface smooth/minutely pimpled. Irregular tile-like segments.

Spores: White [Lincoff]. Pinkish-orangish [Kuo].

Frequency: Common.

Locations: CEDLP, DANPV, DFWMA, GONRA, HENPV, HOUOS, HOWCH, MARPV, MPENA, MCHPV, RKBRP, SLMLP, WINTR.

Synonym: *Stereum frustulosum*.

References: Bar 155. Bin 445. Lin 498, 572. Kuo.

Others

(Puffball, Coral, Club, Jelly, Cup)

GENERA IN ALPHABETIC ORDER

(as they appear in the guide)

<i>Apiosporina</i>	<i>Hypomyces</i>
<i>Artomyces</i>	<i>Hypoxylon</i>
<i>Ascocoryne</i>	<i>Leotia</i>
<i>Auricularia</i>	<i>Lycoperdon</i>
<i>Biscogniauxia</i>	<i>Microglossum</i>
<i>Bisporella</i>	<i>Mitrula</i>
<i>Bovista</i>	<i>Morchella</i>
<i>Calocera</i>	<i>Multiclavula</i>
<i>Calvatia</i>	<i>Mutinus</i>
<i>Camarops</i>	<i>Neolecta</i>
<i>Chlorencoelia</i>	<i>Pachyella</i>
<i>Chlorociboria</i>	<i>Peziza</i>
<i>Chlorosplenium</i>	<i>Phaeocalicium</i>
<i>Chondrostereum</i>	<i>Phallus</i>
<i>Clavaria</i>	<i>Pseudocolus</i>
<i>Clavicornia</i>	<i>Puccinia</i>
<i>Clavulina</i>	<i>Ramaria</i>
<i>Clavulinopsis</i>	<i>Scleroderma</i>
<i>Climacodon</i>	<i>Scutellinia</i>
<i>Crucibulum</i>	<i>Sparassis</i>
<i>Crustodontia</i>	<i>Spathularia</i>
<i>Cyathus</i>	<i>Spathulariopsis</i>
<i>Dacrymyces</i>	<i>Syzygites</i>
<i>Dacryopinax</i>	<i>Terana</i>
<i>Daldinia</i>	<i>Tremella</i>
<i>Exidea</i>	<i>Tremellodendron</i>
<i>Galiella</i>	<i>Uromyces</i>
<i>Gloeotromera</i>	<i>Xylaria</i>
<i>Hypocrea</i>	



Black Knot of Cherry

Apiosporina morbosa



OVERALL: MPENA, 12/04/2009, R Orr.
OVERALL: Mt Pleasant, 1/1/2011, K Schwarz.

Black Knot of Cherry

Apiosporina morbosa
Venturiaceae



J	F	M	A	M	J	J	A	S	O	N	D
+---	+++	--+	--+	---	---	---	---	---	---	---	+-

ID: Body black, carbonaceous; surface hard, furrowed/ cracked.
Habitat: Parasitic on living cherry and plum trees. Clasps and envelops branches and twigs.

Fruiting Body: 1.4 – 5.5” long x 0.4 – 1” thick [3.5 – 14 cm x 1 – 2.5 cm]. Black, carbonaceous. Surface hard, finely roughened, typically furrowed and cracked. Flesh white when young, soon black and brittle. Perithecia embedded near surface in a single layer.

Frequency: Fairly common.

Locations: ANNRK, CENPK, DFWMA, MPENA, MTPLT, SLMLP.

Synonym: *Dibotryon morbosum*.

References: BBF 524, 527. Phi 379. Kuo.

Crown-tipped Coral

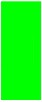
Artomyces pyxidatus



OVERALL: Big Branch, 7/31/2008, *J Solem*.
OVERALL: Big Branch, 5/29/2009, *R Orr*.
OVERALL: Fulton South Area Park, 5/23/2009, *J Solem*.

Crown-tipped Coral

[*Artomyces pyxidatus*](#)
Auriscalpiaceae



J	F	M	A	M	J	J	A	S	O	N	D
				+	+	+	+	-	+	-	+

ID: On decaying hardwoods. Body white/creamy (yellow/tan in age); coral-like; taste somewhat peppery.

Habitat: Solitary, scattered, groups. On decaying hardwoods.

Fruiting Body: Up to 5.1" high [13 cm)
White/pale creamy-white (ochre-yellow/tan in age). Erect, coral-like, numerous forked branches from a short stalk, crown-like branch tips, smooth, moist; taste somewhat peppery. Flesh tough/brittle, white.

Spores: White.

Frequency: Common.

Locations: BIGBR, CASCT, FULSA, GONRA, HIRIP, LONGC, MPENA, NOLAP, PIGTL, RKBRP, ROGOR, SLMLP, WESRP, WINTR.

Notes: One of the few coral fungi growing on wood.

Synonym: *Clavicornia pyxidata*.

References: Bar 116. BBF 420, 423. Lin 401, 744. M&M 346. McK 73, 6. Pac 332. Phi 349. Roo 424.

Purple Jelly Drops

Ascocoryne sarcoides
Ascocoryne cylichnium



OVERALL: Big Branch, 11/3/2009, R Solem.
OVERALL: Henryton, 10/26/2009, R Solem.
TOPS: Henryton, 10/26/2009, R Solem.
TOPS: Wincopin, 11/6/2009, R Orr.

Purple Jelly Drops

[Ascocoryne sarcoides](#)
[Ascocoryne cylichnium](#)
Helotiales



J	F	M	A	M	J	J	A	S	O	N	D
								---	---	+++	

ID: Body pink/reddish-purple; round, then cushion-shaped, finally saucer-shaped w/ irregular margin; rubbery.

Habitat: Groups, clusters. In moss on decaying wood.

Fruiting Body: 1/8 – 3/8" [3 – 10 mm]
Pink/reddish-purple. Nearly round when young, soon cushion-shaped, then irregularly saucer-shaped w/ lobed/wavy margin. Flesh rubbery.

Spores: ?

Frequency: Fairly common.

Locations: BIGBR, CASCT, HENPV, LONGC, MPENA, PIGTL, RKBPR, WINTR.

Notes: Microscopic examination of spores needed to separate species.

References: Bar 56 [both]. BBF 484, 490, 498. Lin 362, 616. Phi 375. Rog [both].

Tree-Ear
Ear Fungus

Auricularia auricula-judae



OVERALL: MPENA, 5/31/2009, *J Solem*.
 OVERALL: MPENA, 8/26/2009, *R Orr*.
 OVERALL: MPENA, 5/5/2009, *R Solem*.
 OVERALL: MPENA, 5/5/2009, *R Solem*.

Tree-Ear
Ear Fungus

[*Auricularia auricula-judae*](#)
Auriculariaceae

J	F	M	A	M	J	J	A	S	O	N	D
	+	+		+++	---	+-	---	++	+-	+-	++

ID: Body reddish-brown (outer), grayish-brown (inner); ear-shaped/irregular; rubbery.

Habitat: Solitary, groups, fused clusters. On decaying wood.

Fruiting Body: 1.1 – 5.9" [3 – 15 cm]

Reddish-brown (outer), yellowish-/reddish-/grayish-/purplish-brown (inner), minutely hairy/velvety. Ear-shaped to irregularly cup-shaped; stalkless. Flesh rubbery.

Frequency: Fairly common.

Locations: BRNBR, DANPV, GONRA, LONGC, MPENA, PIGTL, SLMLP, WILLK.

Synonyms: *Auricularia auricula* . *Hirneola auricula-judae*.

References: Bar 105. BBF 430, 435. Bin 313. Lae 281. Lin 380, 617. M&M 497. McK 64, 5. Pac 321. Phi 357. Roo 452.

Hypoxylon Canker of Oak

Biscogniauxia atropunctata



OVERALL: Pigtail, 4/12/2010, R Orr.
ENLARGED: Pigtail, 4/12/2010, R Orr.

Hypoxylon Canker of Oak

[*Biscogniauxia atropunctata*](#)
Xylariaceae



J	F	M	A	M	J	J	A	S	O	N	D
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----											

ID: Gray/white sheet w/ black dots; on hardwood trunks.

Habitat: Spreading sheet of fused stomata. On hardwood trunks (hickory, beech, oak).

Fruiting Body: Up to 5 – 6" [1.5 – 2 m]
White/pale gray, smooth; dotted w/ black perithecia.

Frequency: Occasional.

Locations: MPENA, PIGTL, RKBRP, SLMLP.

Synonyms: *Diatrype atropunctata*. *Hypoxylon atropunctatum*. *Sphaeria atropunctata*.

Notes: Spores examined by R. Orr.

References: Bin 266.

Lemon Drops
Yellow Fairy Cups

Bisporella citrina



OVERALL: Pigtail, 8/27/2009, R Solem.

Lemon Drops
Yellow Fairy Cups

Bisporella citrina
Helotiales

J	F	M	A	M	J	J	A	S	O	N	D				
						-	-	-	+	-	-	+	+	+	+

ID: Body lemon-/golden-yellow, smooth; shallow cup (nail-head in side view); smooth, rubbery.

Habitat: Groups, dense clusters. On debarked and decaying hardwood.

Fruiting Body: 1/32 – 1/8" [1 – 3 mm]

Lemon-/golden-yellow (orange/yellow in dry weather). Smooth, jelly-like, saucer-shaped (or like nail-head in side view).

Stalk: None/rudimentary; tiny, white.

Frequency: Common.

Locations: ANNRK, BIGBR, CASCT, HENPV, MPENA, MTPLT, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Synonyms: *Calycella citrina*. *Heliotium citrinum*.

References: Bar 59. BBF 490, 20. Lae 273. Lin 362, 568. Pac 399.

Tumbling Puffball

Bovista pila



OVERALL (w/ mature spores): MPENA, 9/18/2009, R Solem.
 BOTTOM (showing attachment cord): MPENA, 9/18/2009, R Solem.

Tumbling Puffball

[*Bovista pila*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D			
						-	-	-	-	+	-	-	-	-

ID: Body pinkish-white, bronze/brown in age w/ pore-like tears/mouths. Spores white and solid, dark brown and powdery at maturity.

Habitat: Solitary, scattered, groups. On ground in grass in forests or pastures, or near stables.

Fruiting Body: 1.2 – 3.5" [3.2 – 9 cm]
 White peridium becomes pinkish (dark brown/bronze, sometimes w/ metallic luster). At maturity forms one or more pore-like mouths that often tear. Nearly spherical/ellipsoid, attached to soil by single cord.

Spores: White and solid, dark brown and powdery at maturity.

Frequency: Uncommon.

Locations: MPENA.

References: BBF 451, 458. Lae 255fn. Lin 820, 641. M&M 448. Mck 351, 45.

Small Staghorn

Calocera cornea



OVERALL (Witches' Butter behind): Big Branch, 5/29/2009, *R Solem*.
COVERING LOG: Pigtail, 6/13/2009, *R Solem*.

Small Staghorn

Calocera cornea
Dacrymycetaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	+	-	+	-	-

ID: Body yellow, dries orange; awl-shaped, rubbery.

Habitat: Clusters. On decaying wood on branches or twigs.

Fruiting Body: 1/4 – 3/4" H x 1/16 – 1/8" W
[5 – 20 mm x 1 – 3 mm] Yellow, drying more orange. Awl-shaped (rarely forked); tough-rubbery.

Spores: White.

Frequency: Fairly common.

Locations: BIGBR, DANPV, HOUOS, LONGC, PIGTL, SLMLP.

References: Bin 321. Lae 250fn. Lin 381. M&M 496. Pac 340. Rog.

None

Calvatia craniiformis



OVERALL (w/ 6" ruler): Gorman Crossing ES, 9/21/2008, *R Solem*.
 CUT SURFACE (young): Rocky Gorge Reservoir, 9/19/2009, *R Solem*.
 CUT SURFACE (maturing): Rocky Gorge Reservoir,
 9/19/2009, *R Solem*.

None

[*Calvatia craniiformis*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
								+			

ID: Body white (pale brown w/ plates breaking off in age); ellipsoid/spherical, irregular in age. Spores white and solid, yellowish, purple-brown and powdery at maturity.

Habitat: Solitary, scattered, groups, fairy rings. On ground in forests, pastures, parks, or brushy areas.

Fruiting Body: 6 – 15", to 20" [15 – 38 cm, to 50 cm]
 White to creamy white, dingy/brownish in age, smooth, soft, cracking/flaking away in age. Ellipsoid/spherical when young (often flattened/indented in age), attached to ground by basal cord-like root.

Spores: White and soft, then yellowish/greenish-yellow, finally greenish-brown and powdery.

Frequency: Uncommon.

Locations: ROGOR.

References: Lin 822, 656. M&M 458. McK 353, 44. Pac 368. Roo 440fn.

Purple-spored Puffball
Vase-shaped Puffball

Calvatia cyathiformis



OVERALL: UMDCF, 10/10/2010, *R Orr*.
OVERALL (showing mature spores): MPENA, 10/14/2009, *J Solem*.
BASES of OLD FRUITING BODIES: Alpha Ridge Landfill,
10/19/2008, *J Solem*.

Purple-spored Puffball
Vase-shaped Puffball

Calvatia cyathiformis
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	+	---	+++	---

ID: Body white/creamy (dingy brown and flaking away in age); ellipsoid/spherical. Spores white/yellowish (greenish), greenish-brown and powdery at maturity.

Habitat: Solitary, scattered, fairy rings. On hard-packed earth in grassy areas or along wood land edges.

Fruiting Body: 3.5 – 7”x to 3.5 – 8” [9 – 17.5 cm x 9 – 20 cm] White to pale brown. smooth, then areolate, breaking into thin plates that flake off in age. Ellipsoid/spherical or pear-/top-shaped (irregular in age). Leaves a purple funnel-shaped cup.

Spores: White and solid, then yellowish, finally dull purple/ purple-brown and powdery.

Frequency: Occasional.

Locations: ALRLF, GUIPK, HAMVL, MPENA, WESRP.

References: Bar 93. BBF 452, 458. Lae 263fn. Lin 822, 653. M&M 459. McK 352, #44. Phi 330. Roo 440. Rus 99, #48.

None

Camarops petersii



OVERALL: Henryton, 8/2/20 10, R Orr.
 CUT (exposing interior): Schooley Mill Park, 7/31/2010, J Solem.

None

[*Camarops petersii*](#)
Boliniaceae



J	F	M	A	M	J	J	A	S	O	N	D
						---	+	+	---	+	---

ID: Black and shiny cushion w/ dots, but slimy surface when producing spores. Inside brownish and tough. Use KOH.

Habitat: Solitary, small clusters. On barkless fallen oaks.

Fruiting Body: 0.8 – 2.8" x 0.8"H [2 – 7 cm x 2 cm]
 Black and shiny, covered w/ pimple-like dots; covered w/ black slime/droplets when producing spores; covered when young w/ black felty veil (which ruptures and becomes sheath around fruiting body). Subcircular/elliptical, cushion-shaped, somewhat narrowed base. Interior brownish, tough w/ black channels/pockets. May have creosote odor.

Notes: Tissues of dry specimens turn brownish in KOH.

Frequency: Uncommon.

Locations: HENPV. SLMLP.

Synonyms: *Peridoxylon petersii*. *Numulariola petersii*. *Bolinia petersii*.

References: Bin 323. BBF 521key. Kuo.

Green Stain
Blue Stain

Chlorociboria aeruginascens
Chlorociboria aeruginosa

Green Stain
Blue Stain

[Chlorociboria aeruginascens](#)
[Chlorociboria aeruginosa](#)



OVERALL: Gorman Stream Valley NRA, 3/16/2011, J Solem.
CLOSEUP: Gorman Stream Valley NRA, 3/16/2011, J Solem.

J	F	M	A	M	J	J	A	S	O	N	D
		++	-	-	-	-	-	-	-	-	-

ID: Small blue-green cups; often stalkless.

Habitat: Groups/cluster on decaying hardwood (oak). Often stains substrate (wood) blue-green.

Fruiting Body: 1/8 – 3/16" [3 – 8 mm]

Outer surface: blue-green, finely roughened. **Fertile surface:** Blue-green (sometimes tinged yellow), smooth, cup-/saucer-shaped to nearly flat.

Stalk: 1/8 – 1/4" [3 – 6 mm] if present.
Blue-green, often off-center, tapers down.

Note: Species differ only in spore size (determined by microscopic examination).

Frequency: Uncommon.

Locations: GONRA. HOWCH.

Synonym: *Chlorosplenium aruginascens*.

References: Bar 54. Bin 327. BBF 491, 499. Lin 361, 598. M&M 523. Roo 459, http://botit.botany.wisc.edu/toms_fungi/jul2008.html

None

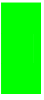
Chlorencoelia versiformis



OVERALL: Pigtail, 8/27/2009, R Solem.
 OVERALL: Pigtail, 8/27/2009, R Solem.

None

Chlorencoelia versiformis
Hemiphacidiaceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	---

ID: Body fertile surface (olive-green), outer surface (dull reddish-brown, velvety); short stalk.

Habitat: Scattered, groups. On decaying wood.

Fruiting Body: 1/4 – 1" [6 – 25 mm] diameter
 Outer surface dull reddish-brown, velvety (appressed white hairs). Fertile surface olive-green/olive-brown/orange-brown. Saucer-/goblet-shaped. Margin toothed/irregular, may be inrolled.

Stalk: 1/8 – 1/4" [3 – 6 mm].

Frequency: Uncommon.

Locations: PIGTL.

Synonym: *Chlorosplenium versiforme*.

References: BBF 492, 499.
http://www.indianamushrooms.com/chlorencoelia_versiformis.html

None

Chlorosplenium chlora



OVERALL: Old Annapolis Road, 6/28/2010, *W Earp*.

None

Chlorosplenium chlora
Dermateaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	-	-	-	-	-

ID: Body fertile surface (yellow, then yellowish-green), outer surface (yellow).

Habitat: Scattered, groups, clusters. On decaying wood.

Fruiting Body: 1/32 – 1/8" [1 – 3 mm] diameter
Outer surface bright yellow. Fertile surface yellow (yellowish-green in age; may have white margin).
Saucer-shaped.

Stalk: None/minimal.

Frequency: Uncommon.

Locations: FARMS, HENPV.

Synonym: *Peziza chlora*.

References: BBF 492, 499.

http://www.messiah.edu/Oakes/fungi_on_wood/cup%20and%20saucer/species%20page/s/Chlorosplenium%20chlora.htm

Silver Leaf Fungus

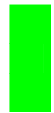
Chondrostereum purpureum



CLOSEUP: Mt. Pleasant, 11/7/2010, R Orr.
OVERALL: Mt. Pleasant, 11/7/2010, R Orr.
SIDE: Mt. Pleasant, 11/7/2010, R Orr.

Silver Leaf Fungus

Chondrostereum purpureum
Cyphellaceae



J	F	M	A	M	J	J	A	S	O	N	D
-----										+	-----

ID: Ochre-buff crust w/ purplish fertile surface.

Habitat: Deciduous trees (especially *Rosaceae*: apple, plum; also oak and poplar stumps and logs).

Fruiting Body: 1/4 – 3/4" [0.5 – 2 cm]; sometimes in masses 4 – 20" long [10 – 50 cm] Cinnamon-/ochre-buff. Sometimes crimped, sometimes lobed. Hairy to hairless/wrinkled.

Fertile surface: Light drab purple/dark wine-buff.

Frequency: Uncommon.

Locations: MTPLT.

Notes: This fungus is the cause of "silver leaf " disease which leads to the destruction of fruit trees.

Synonym: *Stereum purpureum*.

References: BBF 438key. Lin 418, 559. Rog.

Smoky Worm Coral

Clavaria rubicundula



OVERALL: Long Corner, 9/13/2009, J Solem.

Smoky Worm Coral

[Clavaria rubicundula](#)
Clavariaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
							+	+			

ID: Dense clusters. Body pinkish-buff/pale grayish-pink, worm-like/cylindrical.

Habitat: Dense clusters. On ground in hardwood/ mixed forests.

Fruiting Body: Up to 4.8" H x 1/16 – 1/4" W [12 cm x 1.5 – 6 mm]
Pinkish-buff/pale grayish-pink. Cylindrical/worm-like, apex rounded/somewhat pointed; surface smooth. Flesh whitish, brittle. Hollow in age.

Spores: White.

Frequency: Uncommon.

Locations: LONGC, PIGTL.

Synonym: *Clavaria fumosa*.

References: BBF 420, 423. Kuo. Phi 346. Roo 422.

White Worm Coral

Clavaria fragilis



OVERALL: Long Corner, 8/7/2009, R Solem.

White Worm Coral

[*Clavaria fragilis*](#)
Clavariaceae



J	F	M	A	M	J	J	A	S	O	N	D			
					+	+	-	-	+	+	-	-	-	-

ID: Groups. Body white, tips may yellow in age; worm-like/cylindrical.

Habitat: Groups, clusters. On ground in forests/grass.

Fruiting Body: Up to 4.5" H x 1/16 – 3/8" W
[11.5 cm x 1.5 – 6 mm] Pure white (tips may yellow in age). Flesh white, soft, brittle. Hollow in age.

Spores: White.

Frequency: Occasional.

Locations: CASCT, HENPV, LONGC, MPENA.

Synonym: *C. vermicularis*.

References: Bar 111. BBF 418. Lae 240. Lin 400, 739. M&M 340. McK 71, #6. Pac 336fn. Phi 345. Roo 422fn.

Gray Coral

Clavulina cinerea



YOUNG: Duvall Road, 9/14/2009, J Solem.

Gray Coral

[Clavulina cinerea](#)
Clavulinaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
							+	+	+	-	

ID: Body white (ashy gray in age); coral-like, not dotted.

Habitat: Dense clusters. On ground in forests (especially conifer).

Fruiting Body: Up to 4.4" high [11 cm]

White (ashy-gray in age). Not dotted. Erect, coral-like, variable but usually w/ numerous forked branches from a short stalk, tips pointed/blunt, smooth/wrinkled/longitudinally grooved.

Spores: White.

Frequency: Fairly common.

Locations: GONRA, LONGC, MPENA, PIGTL, TUFTS.

References: Bar 114. BBF 421, 423. Lin 402fn. M&M 345. Phi 346. Roo 425fn.

Crested Coral

Clavulina coralloides [group]



OVERALL: Long Corner, 6/27/2009, R Solem.

Crested Coral

[Clavulina coralloides](#) [group]
Clavulinaceae



J	F	M	A	M	J	J	A	S	O	N	D
					++	---	+	---	---	---	---

ID: Body white/creamy (yellow/tan in age); coral-like; taste somewhat peppery.

Habitat: Solitary, scattered, groups. On ground in fields/ forests.

Fruiting Body: 0.8 – 4“ x 1.2 – 4”
[2 – 10 cm x 3 – 10 cm] White/gray (tinted yellowish in age); fine pubescence at base. Sparingly to (more commonly) repeatedly branched. Branches: 2 – 5 mm thick; smooth; tips flattened and crested with several sharp points. M&M: flesh not brittle, very firm, will almost bend on itself w/o breaking. Kuo: fairly brittle.

Spores: White.

Frequency: Uncommon.

Locations: HENPV, LONGC.

Notes: *Clavulina cristata* and *Clavulina rugosa* may represent the extreme ends of a continuum (an idea perhaps supported by the fact that their microscopic features are very similar), which might imply that there is only one species involved. [Kuo; and BBF 421]

Synonyms: *C. rusoga?* *Clavulina cristata?*

References: Bar 114 (both *C. cristata* and *C. rugosa* are described). BBF 421. Kuo. Lae 249. Lin 402, 743. M&M 345. Pac 337. Phi 346. Roo 425.

Orange Spindle Coral

Clavulinopsis aurantiocinnabarina



OVERALL: Pigtail, 8/4/2009, R Solem.

Orange Spindle Coral

[*Clavulinopsis aurantiocinnabarina*](#)

Clavariaceae

J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	-
							+				

ID: Body deep reddish-orange; cylindrical, seldom branched.

Habitat: Loose to compact clusters. On ground in forests.

Fruiting Body: Up to 5" H x 1/16 – 3/8" W
[12 cm x 1.5 – 10 mm] Deep reddish-orange/paler pinkish-orange, base may be whiter. Smooth (or top wrinkled), cylindrical/somewhat flattened, tip rounded/pointed (sometimes branched). Flesh yellowish, thin, brittle to fibrous. Hollow.

Spores: White/pale yellow.

Frequency: Uncommon.

Locations: PIGTL.

Notes: Compare w/ *Clavulinopsis laeticolor*.

References: Lin 399fn. Roo 427.

None

Clavulinopsis laeticolor



SIDE: Pigtail, 8/27/2009, R Solem.

None

[*Clavulinopsis laeticolor*](#)
Clavariaceae



J	F	M	A	M	J	J	A	S	O	N	D			
					+	-	-	-	-	+	-	-	-	+

ID: Body orange-yellow; worm-like/cylindrical.

Habitat: Solitary, groups, clusters. On ground in forests.

Fruiting Body: 0.8 – 3.5" H x 0.4 – 1.1" W
[2 – 9 cm x 1 – 3 cm]

Asexual stage: 1/4 – 1" H x 1/16 – 1/8" W [5 – 25 mm x 1 – 2 mm]
Orange-yellow to orange. Unbranched, irregularly spindle-shaped; finely roughened (wrinkled and minutely cracked in age); flesh white, fibrous-tough. Scattered light hairs on surface, dark appressed hairs near base.

Spores: Pale yellow.

Frequency: Uncommon.

Locations: PIGTL, RKBRP.

Notes: Compare w/ *Clavulinopsis aurantio-cinnabarina*.

Synonyms: *Clavaria pulchra*. *Ramariopsis laeticolor*.

References: Bar 115. BBF 507. Kuo. Lae 240. Lin 399fn.

Northern Tooth
Shelving Tooth

Climacodon septentrionalis



OVERALL: Guilford Park, 10/7/2010, *J Solem*.
 OVERALL: Guilford Park, 10/7/2010, *R Solem*.
 FERTILE SURFACE: Guilford Park, 10/7/2010, *R Solem*.
 CLOSEUP FERTILE SURFACE: Guilford Park, 10/7/2010, *R Solem*.

Northern Tooth
Shelving Tooth

Climacodon septentrionalis
Phanerochaetaceae



J	F	M	A	M	J	J	A	S	O	N	D
	+					-	-	-	-	-	-
										+	+

ID: Whitish/creamish fan-shaped caps w/ long spines w/ lacerated tips. Top roughened in age. Odor like spoiled ham in age.

Habitat: Dense, overlapping clusters. Wounds of living hardwoods (maple).

Cap: 4 – 10" W x 5.5" – 15" H x 1 – 2" thick
 [10 – 25.5 cm x 14 – 38 cm x 2.5 – 5 cm]

Whitish/creamy yellowish (yellow-brown in age). Fan-shaped caps in overlapping clusters w/ common base. Hairy/roughened. In age, odor like spoiled ham, taste bitter.

Fertile Surface: Whitish; covered w/ crowded, flexible, spines 1/4 – 3/4" (6 – 20 mm) w/ lacerated tips. Flesh whitish, zoned fibrous-tough, flexible.

Spores: *White*.

Frequency: Uncommon.

Locations: GUIPK, WESRP.

Synonyms: *Steccherinium septentrionale*. *Hydnum septentrionale*.

References: Bar 128. BBF 407, 412. Lin 427, 520. M&M 409. Mck 99, 9. Roo 393.

White-egg Birds Nest

Crucibulum laeve



TOP: Pigtail, 6/2/2010, J Solem.
SIDE: Pigtail, 6/2/2010, J Solem.

White-egg Birds Nest

Crucibulum laeve
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
		+			+	-	-	-	-	-	-

ID: Body exterior surface (yellow-orange, finely velvety), interior surface (whitish, smooth); cup filled w/ tiny “eggs.”

Habitat: Scattered to gregarious. On wood chips, twigs, leather, cardboard.

Fruiting Body: 1/4” – 3/8” H x 1/4” – 3/8” W
[6 – 10 mm x 6 – 10 mm] Interior whitish, smooth; exterior yellowish-orange (paler in age), hairy/finely velvety; white, membrane-like lid when immature (coated w/ yellowish-orange fibers).

Peridioles: 1/16 – 3/32” [1.5 – 2 mm]
White/pallid, each attached beneath by tiny coiled cord.

Frequency: Uncommon.

Locations: MCHPV, PIGTL.

Synonyms: *C. vulgare*. *C. levis*. *C. crucibuliforme*.

References: Bar 97. BBF 465, 18. Lin 828, 633. M&M 473. McK 366, 48. Pac 385. Phi 341. Roo 460.

None

Crustodontia chryoscreas



OVERALL: Daniels, 2/18/2011, R Orr.

None

Crustodontia chryoscreas
Corticiaceae



J	F	M	A	M	J	J	A	S	O	N	D
+-----+											

ID: Caramel brown, membranous, tightly attached to bark. Flesh lemony-yellow. Use KOH.

Fruiting Body: Up to 1/*32" thick[1 mm]
Caramel brown, membranous. Tight. May have scattered short warts/spines. Margin white/yellow, abrupt/somewhat thinning. Flesh lemony- yellow, thin; stains red/purple w/ KOH.

Spores: White.

Habitat: Bark of living trees; hardwood debris (oak). Causes white heart-rot.

Frequency: Uncommon.

Locations: DANPV. HENPV.

Synonyms: *Amethicium chryoscreus*. *Corticium chryoscreas*. *Phlebia chryoscrea*.

Notes: Spores examined by R. Orr.

References: Bin 261.

Splash-cup Birds Nest

Cyathus stercoreus



OVERALL: Beaverbrook, 8/13/209, R Orr.

Splash-cup Birds Nest

Cyathus stercoreus
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	+	---	+	---	

ID: Body exterior surface (reddish-/grayish-brown, shaggy hair, smoother in age), interior surface (lead gray, shiny and smooth, not lined); cup filled w/ tiny “eggs.”

Habitat: Scattered, dense groups. On wood chips, manured soil, herbivore dung.

Fruiting Body: Up to 0.6” H x 3/16 – 5/16” W [1.5 cm x 4 – 8 mm] Interior lead-gray/blue-black, shiny, smooth, not vertically lined; exterior reddish-/chocolate-/grayish-brown, shaggy-hairy when young (smooth in age).

Peridioles: 1/16 – 1/8” [1 – 2 mm] Dark-gray/black, each attached beneath by tiny coiled cord.

Frequency: Occasional.

Locations: BIGBR, HAMVL, ORRBB.

References: Bar 97. BBF 465. Lae 274fn. McK 367, 48. Pac 383fn. Phi 341. Roo 460fn.

Streaked Birds Nest

Cyathus striatus



OVERALL (young): Big Branch, 8/21/2009, *R Solem*.
 VARIOUS STAGES: Long Corner, 8/7/2009, *J Solem*.
 OVERALL (maturing): Big Branch, 9/7/2009, *J Solem*.

Streaked Birds Nest

[*Cyathus striatus*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
						+++	+++	+-	---	+-	+++

ID: Body exterior surface (reddish-/grayish-brown, shaggy hair, smoother in age), interior surface (lead gray, shiny and smooth, not lined); cup filled w/ tiny “eggs.”

Habitat: Scattered, dense groups. On wood chips, manured soil, herbivore dung.

Fruiting Body: Up to 0.6” H x 3/16 – 5/16” W [1.5 cm x 4 – 8 mm] Interior lead-gray/blue-black, shiny, smooth, not vertically lined; exterior reddish-/chocolate-/grayish-brown, shaggy-hairy when young (smooth in age).

Peridioles: 1/16 – 1/8” [1 – 2 mm] Dark-gray/black, each attached beneath by tiny coiled cord.

Frequency: Fairly common.

Locations: BIGBR, HAMVL, HENPV, LONGC, MPENA, WINTR.

References: Bar 97. BBF 465. Lae 274fn. McK 367, 48. Pac 383fn. Roo 460fn.

Orange Jelly

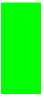
Dacrymyces chrysospermus



OVERALL: North Laurel Park, 9/30/2008, *J Solem*.
OVERALL: High Ridge Park, 10/29/2009, *J Solem*.
SMALL CLUSTER: High Ridge Park, 5/27/2009, *R Solem*.
CLUSTER: High Ridge Park, 11/20/2009, *R Solem*.

Orange Jelly

[*Dacrymyces chrysospermus*](#)
Dacrymycetaceae



J	F	M	A	M	J	J	A	S	O	N	D
---	++	-+	---	++	+++	++	---	++	+++	+++	---

ID: On conifers. Body yellowish-orange; multi-lobed spreading mass; rubbery.
Habitat: Dense clusters. On decaying conifer (pine) branches/ logs.
Fruiting Body: 0.4 – 1” up to 1” high [1 – 2.5 x 2.5 cm]
Orange/yellowish-/reddish-orange, whitish at base. Multi-lobed spreading mass, rubbery (soft-rubbery in age).
Frequency: Fairly common.
Locations: GONRA, HIRIP, MPENA, NOLAP, RKBRP, ROGOR, SLMLP, WINTR.
Synonym: *Dacrymyces chrysospermus*.
Notes: *Tremella mesenterica* (Witches’ Butter) grows on hardwoods.
References: Bar 102. BBF 432, 14. Lin 381, 567. M&M 498. Pac 323fn. Phi 358. Roo 454fn. Rus 108, 55.

Fan-shaped Jelly Fungus

Dacryopinax spathularia



OVERALL: Henryton, 10/25/2009, R Orr.
OVERALL: Long Corner, 8/25/2009, R Solem.
BODIES: Henryton, 8/25/2009, R Orr.

Fan-shaped Jelly Fungus

Dacryopinax spathularia
Dacrymycetaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	+

ID: Body yellow-orange; spatula-/fan-shaped; rubbery.

Habitat: Dense groups. On debarked hardwood.

Fruiting Body: 3/8 – 1" H x 3/16 – 3/8" W
[1 – 2.5 cm x 5 – 10 mm] Spatula-/shoehorn-shaped, wavy margin w/
deep lobes, rubbery.

Spores: Yellowish.

Frequency: Occasional.

Locations: DANPV, HIRIP, LONGC, SVMLT, WINTR.

References: Bar 103. BBF 431, 435.

Carbon Balls

Daldinia concentrica



OVERALL: MPENA, 2/27/2011 R Orr .
SPLIT (showing growth rings): Woodbine Morgan Road,
11/9/2009, R Solem.
YOUNG: MPENA, 8/2/2009, R Solem.

Carbon Balls

[*Daldinia concentrica*](#)
Xylariaceae



J	F	M	A	M	J	J	A	S	O	N	D
	+	+			-	-	+	+	-	-	+

ID: Body reddish-brown (black in age); spherical/cushion-shaped, hard. When cut, growth rings visible.

Habitat: Solitary, clusters. On decaying hardwood.

Fruiting Body: 0.8 – 2” [2 – 5 cm] diameter
Reddish-brown (black in age); somewhat shiny, cushion-shaped/spherical/irregular; flesh concentrically zoned when cut vertically, dark purplish-brown alternates w/ darker or sometimes whitish zones, perithecia embedded in single layer near surface.

Spores: Dark brown.

Frequency: Fairly common.

Locations: HENPV, HOUOS, MPENA, MCHPV, SLMLP, WINTR.

References: Bar 79. BBF 524, 23. Lae 257. Lin 374, 668. Pac 393. Roo 493.

Black Witches' Butter

Exidia glandulosa



OVERALL (both photos): Dorsey Woods, 4/23/2010, R Orr.

Black Witches' Butter

Exidia glandulosa
Auriculariaceae

J	F	M	A	M	J	J	A	S	O	N	D		
				+	-	-	-	-	-	-	-	+	-

ID: Reddish to black; warty (use 20X lens).

Habitat: Hardwoods.

Fruiting Body: 3/8 – 3/4" [1 – 2 cm] fusing into long row
Reddish-/olive-black to black, warty (use 20X lens). Flesh gelatinous, thin.

Frequency: Uncommon.

Locations: DORWD, WINTR.

References: Bar 106. BBF 429key. Bin 335. Lin 382, 563. McK 66, 5. Pac 324. Roo 453.

Granular Jelly Roll

Exidia nucleata

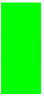


OVERALL: Big Branch, 5/29/2009, R Orr.

OVERALL: Big Branch, 5/29/2009, R Solem.

Granular Jelly Roll

Exidia nucleata
Auriculariaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	+	-

ID: Body fuses into masses; whitish/yellowish/brownish, dries to thin membrane; contains seed-like hard whitish granules; rubbery.

Habitat: Groups, clusters. On decaying hardwood.

Fruiting Body: Up to 0.6" high x 0.2 – 0.8" [15 x 6 – 20 mm] Transparent/whitish at first; then pale-/brownish-yellow. Smooth/slightly rough (dries to reddish-brown thin membrane in age). Irregular; fuses into masses up to 4" [10 cm] long, containing seed-like hard whitish granules up to 1/32" [0.5 mm] diameter.

Frequency: Occasional.

Locations: BIGBR, ROGOR, WESRP.

References: BBF 431, 435. Lin 383fn. Pac 324.

Amber Jelly Roll

Exidia recisa



OVERALL: Big Branch, 11/3/2009, *R Orr*.

OVERALL: Gorman Stream Valley NRA, 5/6/2009, *S Muller*.

Amber Jelly Roll

Exidia recisa
Auriculariaceae



J	F	M	A	M	J	J	A	S	O	N	D
		+	-	+	+	+	-	+	-	-	-

ID: Body fuses into masses; yellow-/purple-brown, surface w/ tiny blackish wart-like projections; rubbery.

Habitat: Groups, overlapping clusters. On decaying hardwood branches.

Fruiting Body: Up to 0.8" H x 0.6 – 1.4" W [2 x 1.5 cm – 3.5 cm]
Yellow-/purple-/cinnamon-brown, irregular rubbery, brain-like/lobed masses; surface covered w/ tiny, blackish, wart-like projections, may have small stalk-like base. Irregular, fuses into masses up to 4" [10 cm] long.

Frequency: Fairly common.

Locations: BIGBR, CASCT, CENPK, DORWD, GONRA, HIRIP, ORRBB, SLMLP.

References: BBF 432, 435. Lin 383fn. Roo 452 fn.

http://www.messiah.edu/Oakes/fungi_on_wood/jelly_fungi/species_pages/Exidia_recisa.htm

Hairy Rubber Cap

Galiella rufa



OVERALL: Duvall Road, 6/12/2009, *J Solem*.
 CUP INTERIOR (fertile surface): Duvall Road, 6/12/2009, *J Solem*.
 SIDE: Duvall Road, 6/12/2009, *R Solem*.

Hairy Rubber Cap

[*Galiella rufa*](#)
Auriculariaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	-	-

ID: Body. Exterior surface: blackish-brown cup w/ matted woolly hairs. Fertile surface: dull orange/tan, smooth; depressed.

Habitat: Groups, clusters. On decaying hardwood debris.

Fruiting Body: : 0.5 – 1.1” x 0.4 – 1.4”
 [1.2 – 3 cm x 1 – 3.5 cm] Fertile surface pale/dull orange/ reddish-orange/brown/tan; smooth. Outer surface tough, brown near margin, blackish-brown, covered w/ dense matted, woolly hairs, margin finely toothed. Cup-shaped (closed at first). Flesh rubbery. Odor pleasant.

Spores: White.

Frequency: Fairly common.

Locations: HENPV, HIRIP, LONGC, MPENA, PIGTL, SLMLP, TUFTS, WESRP, WINTR.

Synonym: *Bulgaria rufa*.

References: Bar 57. BBF 492, 499. Bin 341. Lin 339, 614. M&M 525. McK 35, 1. Phi 376. Roo 463.

White Jelly Fungus

Gloeotromera alba



OVERALL: Savage Mill Trail, 6/15/2009, J Solem.
SMALL CLUSTERS: Savage Mill Trail, 6/15/2009, J Solem.
SMALL CLUSTERS: Savage Mill Trail, 6/15/2009, R Solem.

White Jelly Fungus

Gloeotromera alba
Auriculariales



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	+	-

ID: Body fuses into masses; whitish/ivory (purplish/ brownish in age); rubbery.

Habitat: Dense, overlapping clusters. On debarked hardwood.

Fruiting Body: 0.4 – 4” [1 – 10 cm]

White/ivory/tinged w/ pink-violet (stains purple/yellow/ brownish in age). Irregular, fuses into brain-like masses often covering length of log.

Frequency: Fairly common.

Locations: DANPV, HENPV, HIRIP, LONGC, MPENA, SUKBR, SVMLT.

Synonym: *Exidea alba*.

References: Bar 106. BBF 429. Lin 383fn.

Cedar-Apple Rust

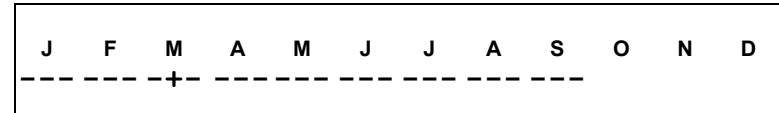
Gymnosporangium juniperi-virginianae



CLOSEUP (immature): Centennial Park, 3/20/2011, R Orr.

Cedar-Apple Rust

[*Gymnosporangium juniperi-virginianae*](#)
Pucciniaceae



ID: Galls in cedar trees producing jelly-like horns.

Habitat: Cedar and apple trees (alternate hosts)

Fruiting Body: 1 – 2 " gall [2.5 – 5 cm]

Small, greenish-brown swelling on upper surface of cedar needle in fall. Overwinters as reddish dark-brown gall w/ small, circular depressions. In spring produces orange (immature) to orange-brown (mature) jelly-like horns (3/8 – 3/4" [1 – 2 cm] from depressions.

Frequency: Uncommon.

Locations: CENPK.

Notes: Galls die but remain on host for more thanr a year. Horns germinate to form spores that infect apple leaves. Major agricultural pest for both cedars and apples.

References: BBF 469, 19. McK 69, 5.

Yellow Cushion Hypocrea

Hypocrea gelatinosa



VERY YOUNG: Wincopin, 7/18/2010, R Solem.

Yellow Cushion Hypocrea

[Hypocrea gelatinosa](#).
Hypocreaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	-	-	-	-	-

ID: White (very young), then pale yellow w/ green dots. Green in age. Soft and gelatinous.

Habitat: Dense clusters. Decaying wood.

Fruiting Body: 1-32 – 1/8" [1 – 3 mm]

Pale yellow (white in youth, green dots. Green/dark green in age, perithecia). Cushion-shaped/nearly round. Flesh soft, gelatinous.

Frequency: Uncommon.

Locations: WINTR.

References: Bar 84. BBF 524, 23. Lin 371, 663.

Bolete Mold

Hypomyces chlorinigenus
Hypomyces chrysospermus



OVERALL: Savage Park, 6/25/2009, J Solem.
SIDE: Duvall Road, 6/12/2009, R Solem.

Bolete Mold

[*Hypomyces chlorinigenus*](#)
[*Hypomyces chrysospermus*](#)
Hypocreaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	+	-	-	+	-	-

ID: *Boletaceae* parasite. Three stages: 1) white and moldy, 2) yellow/yellow-brown and powdery, 3) amber/reddish-brown perithecia.

Habitat: Infects most boletes (members of *Boletaceae*); reported on *Paxillus involutus*.

Fruiting Body:

Asexual stage: 1) *Verticillium*, white and moldy; 2) *Sepedonium*, partially/ completely covers host, then yellow/yellow-brown and powdery.

Sexual stage: 3) *Mypomyces*, amber/reddish-brown perithecia w/ roughened/sandpaper-like surface.

Frequency: Fairly common.

Locations: HAMVL, MPENA, PIGTL, RKBRP, SAVPK, SLMLP, TUFTS, WESRP.

Notes: Separation of species requires microscopic examination.

References: Bar 83. BRB 356. Lin 371, 400. Roo 494.

Amanita Mold

Hypomyces hyalinus



OVERALL: North Laurel Park, 8/27/2008, *J Solem*.
SIDE: High Ridge Park, 6/21/2009, *R Solem*.
ADVANCED: Annapolis Rock, 10/14/2008, *J Solem*.
ADVANCED: Annapolis Rock, 10/14/2008, *J Solem*.

Amanita Mold

[*Hypomyces hyalinus*](#)
Hypocreaceae



J	F	M	A	M	J	J	A	S	O	N	D	
					+	+	-	-	-	-	+	-

ID: *Amanita* parasite, distorts all parts. Body chalky-white, rough.

Habitat: Infects various *Amanita* species, distorting all parts.

Fruiting Body: 4 – 12” x up to 2.8” thick
[10 – 30 cm x 7 cm] Chalky white/yellowish/pinkish/pale orange, rough like sandpaper, columnar/club-shaped.

Frequency: Occasional.

Locations: ANNRK, HIRIP, NOLAP, TUFTS.

References: BBF 531. Kuo. Lae 147fn. Lin 372, 699. Phi 379. Roo 495. Rog.

Lobster Fungus

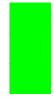
Hypomyces lactifluorum



OVERALL: David Force WMA, 7/12/2008, J Solem.

Lobster Fungus

[*Hypomyces lactifluorum*](#)
Hypocreaceae



J	F	M	A	M	J	J	A	S	O	N	D
					++	+	-	-	-	-	-

ID: *Lactaria* and *Russula* parasite. Surface orange/ reddish-orange, rough.

Habitat: Infects various members of *Russulaceae* (*Lactaria*, *Russula*), growing over surface and eventually distorting all parts. Parasitized caps are dense and often buried in conifer debris.

Fruiting Body: 2 – 7.9" [5 – 20 cm]
Orange/reddish-orange; rough (like sandpaper). White and firm within.

Frequency: Occasional.

Locations: CASCT, DFWMA, LONGC.

References: Bar 83. BBF 531. Lae 43fn. Lin 373, 294, 429. M&M 528. McK 29, 1. Phi 379. Roo 496. Rog.

Beech Hypoxylon
Red Cushion Hypoxylon

Hypoxylon fragiforme



OVERALL: Mt Pleasant, 11/8/2010, R Orr.
OLD (black group w/small young): Mt Pleasant, 11/8/2010, J Solem.

Beech Hypoxylon
Red Cushion Hypoxylon

[Hypoxylon fragiforme](#)
Xylariaceae

J	F	M	A	M	J	J	A	S	O	N	D		
						-	-	-	-	+	-	+	-

ID: Salmon-pink, then brick-red/brown, blackening in age; surface bumpy.

Habitat: Infects bark of various hardwoods; species are specific to each hardwood. (Photos from specimens growing on beech.)

Fruiting Body: Individuals 1/16 – 5/8" x 1/16 – 3/8"
[1.5 – 15 mm x 1.5 – 10 mm] Grayish-white, then salmon-pink, becoming brick-red/brown (blackens in age). Flesh black, hard. Surface minutely bumpy. Perithecia just below surface.

Frequency: Uncommon.

Locations: CASCT, MTPLT.

References: Bar 78. BBF 522key. Lin 374,667.

Cushion Hypoxylon

Hypoxylon sp



OVERALL: Big Branch, 11/28/209, *R Orr*.
OVERALL: Big Branch, 11/28/209, *R Solem*.

Cushion Hypoxylon

Hypoxylon sp
Xylariaceae



J	F	M	A	M	J	J	A	S	O	N	D
	++	+	++++	+-	++	+-	-	-	-	-	-

ID: Body color varies, blackening in age; surface bumpy.

Habitat: Infects bark of various hardwoods; species are specific to each hardwood.

Fruiting Body: 1/16–5/8" x 1/16–3/8" [1.5–15 mm x 1.5–10 mm]
Color varies w/ species, all blacken in age. Flesh black, hard. Surface minutely bumpy. Perithecia just below surface.

Frequency: Fairly common.

Locations: BIGBR, CASCT, DANPV, FULSA, GONRA, MPENA, MCHPV, PIGTL, SLMLP.

Notes: References are all to specific species.

References: Bar 78. BBF 522-523 (key), 525, 527. Lin 374,667. Lae 257. Pac 394.

Yellow Jelly Baby
Ochre Jelly Club

Leotia lubrica



OVERALL: Browns Bridge, 7/4/2009, J Solem]
SIDE: Browns Bridge, 7/30/2009, J Solem.
GROUP: Big Branch, 7/2/2009, J Solem.
OVERALL: Big Branch, 7/2/2009, J Solem.

Yellow Jelly Baby
Ochre Jelly Club

Leotia lubrica
Leotiaceae

J	F	M	A	M	J	J	A	S	O	N	D
						+	+	-	+	-	-

ID: Body yellow-/orange w/ olive tints; flesh soft/gelatinous. Stalk orange, flesh waxy.

Habitat: Groups, clusters. On ground in moss, duff, or decaying wood in hardwood or white pine forests.

Fruiting Body: 0.2 – 1.1" [6 – 30 mm]
Pale dull yellow/orange-yellow, sometimes w/ olive tints, flesh soft, almost gelatinous.

Fertile Surface: Irregularly rounded/flattened, smooth/ furrowed/brain-like, moist, rubbery, margin bent back.

Stalk: [2 – 6 cm x 5 – 10 mm]
Orange, scurfy or smooth, hollow, cylindrical/tapers up, sometimes flattened, often fused at base, flesh waxy.

Spores: White.

Frequency: Uncommon.

Locations: BIGBR, BRNBR.

References: Lae 243. Lin 364, 726. M&M 519. BBF 510, 514. McK 33, 1. Pac 273. Phi 371. Roo 412fn. Rus 110, 57.

Smooth Puffball

Lycoperdon molle



OVERALL: Pigtail, 10/8/2010, J Solem.
CUT: Pigtail, 10/8/2010. J Solem

Smooth Puffball

Lycoperdon molle
Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D				
							-	-	-	+	+	-	-	-	-

ID: Body brown (w/ small spines/granules), pear-shaped w/ large irregular pore in age. Spores dark brown/black at maturity.

Habitat: Scattered. On ground in hardwood or white pine forests.

Fruiting Body: 0.4 – 1.6” x 0.4 – 2.4” [1 – 4 cm x 1 – 6 cm] Brown w/ small spines/granules on surface (smooth in age), spore case opens by wide, irregular pore. Pear-shaped w/ stalk-like sterile base (w/ well-developed chambers as wide as body, or only a narrow stalk).

Spores: *White* and solid, then *dark brown/black* and powdery.

Frequency: Occasional.

Locations: GUIPK, LONGC, PIGTL.

References: McK 355, 46. M&M 455. Phi 332. Roo 445fn.

Common Puffball
Gem-studded Puffball

Lycoperdon perlatum



OVERALL (young): Schooley Mill Park, 10/12/2010, *J Solem*
 OVERALL (mature): High Ridge Park, 2/16/2006, *N Magnusson*.
 IMMATURE SPORES: Big Branch, 9/17/2008, *J Solem*.
 MATURING SPORES and CAPS: High Ridge Park, 9/12/2008, *J Solem*.
 MATURE CAP (in snow) w/ SPORES: Annapolis Rock, 1/20/2011, *J Culler*.

Common Puffball
Gem-studded Puffball

[Lycoperdon perlatum](#)
Agaricaceae

J	F	M	A	M	J	J	A	S	O	N	D
		+			+	-	-	+	+	+	-

ID: Body white/grayish (short white spines break off), olive-brown (& smoother) in age; pear-/turban-shaped w/ top pore. Spores white and solid (olive-brown and powdery at maturity).

Habitat: Solitary, scattered, dense clusters. On ground (not on wood) in variety of habitats (mown grass, mulch, compost piles; on ground in hardwood, conifer, or mixed forests).

Fruiting Body: 1 – 2.4" [2.5 – 6 cm]

White/grayish (yellow-brown in age); short, conic white spines break off leaving nearly smooth olive-brown inner surface and one (or more) central pores (often ragged). Pear-/turban-shaped or spherical; stalk-like sterile base forming persistent stalk w/ spongy flesh.

Spores: *White* and solid, then *olive-brown/gray-brown* and powdery.

Frequency: Common.

Locations: ANNRK, BIGBR, CASCT, HENPV, HIRIP, HOWCH, JACPD, MPENA, PIGTL, RKBPR, SAVPK, SLMLP.

Synonym: *L gemmatum*.

References: Bar 89. BBF 454, 16. Lae 261. Lin 825, 652, 676. M&M 453. McK 355, 46. Pac 370. Phi 332. Roo 445.

Pear-shaped Puffball

Lycoperdon pyriforme



OVERALL (young): Gorman Stream Valley NRA, 9/10/11/2009, *R Solem*.
 OVERALL (maturing): MPENA, 10/14/2009, *R Orr*.
 OVERALL (mature): Schooley Mill Park, 10/21/2009, *J Solem*.

Pear-shaped Puffball

Lycoperdon pyriforme
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
	++++				+-----	+++	+-	+++	+++		

ID: Body white (small spines/granules break off), yellow-/reddish-brown (and smoother) in age; pear-shaped/ spherical w/ irregular pore at top. Spores white and solid (greenish-yellow to dark olive-brown and powdery at maturity).

Habitat: Scattered, dense, sheet-like clusters. On sawdust or decaying wood (usually hardwood).

Fruiting Body: 0.6 – 1.8” x 0.8 – 2”
 [1.5 – 4.5 cm x 2 – 5 cm] White, yellow-/reddish-brown w/ small warts/spines/granules on surface. Pear-shaped/spherical w/ irregular/rounded pore at apex. Stalk-like sterile base (often compressed w/ small chambers).

Spores: *White* and solid, then *greenish-yellow*, finally *dark olive-brown* and powdery.

Frequency: Common.

Locations: BIGBR, CASCT, DANPV, GONRA, HENPV, HIRIP, LONGC, MPENA, PIGTL, RKBPR, SLMLP, WESRP.

Notes: Spore cases persist. Skin becomes papery.

References: Bar 90. BBF 455, 459. Lae 260. Lin 826, 664. M&M 452. McK 356, 46. Pac 373. Phi 333. Roo 445fn, 446fn. Rus 112, 59.

None

Lycoperdon radicatatum



OVERALL (young): Mt Pleasant, 8/27-28/2009, R Orr.
 OVERALL (young): Mt Pleasant, 8/27-28/2009, J Solem.
 MATURING SPORES: Mt Pleasant, 8/27-28/2009, J Solem.
 YOUNG AND MATURE: Mt Pleasant, 8/27-28/2009, R Solem.
 SPORES: Mt Pleasant, 8/28/2009, R Orr.

None

[*Lycoperdon radicatatum*](#)
 Agaricaceae



J	F	M	A	M	J	J	A	S	O	N	D
							- - - +	- - - - - - - -			

ID: Body white w/ pyramidal warts, light tan/grayish in age w/ large pore/tear. Spores white/yellowish, brown at maturity.

Habitat: Groups (several to many). On ground in grassy areas in pastures/open woods.

Fruiting Body: 1.6 – 2.4" x 2 – 4" [4 – 6 cm x 5 – 10 cm] White when young w/ scurfy surface/pyramidal warts, becomes light tan/yellowish, then grayish tint in age; large pore (or tear) at maturity, gleba white when young, yellowish, then brown at maturity. Spherical/ovoid w/ tapering rhizomorph extending into ground.

Spores: Dark brown.

Frequency: Uncommon.

Locations: MTPLT.

Synonym: *Bovistella radicata*.

Notes: Fruiting body in Photo 1, <2 cm; Photos 2–3, 4 cm (one day later); Photo 4, smallest 1 cm, largest 4 cm. Photo 5, spores through 1000x microscope and enlarged (R Orr).

References: M&M 449key.

Orange Earth Tongue

Microglossum rufum



GROUP (young): Big Branch, 9/28/2009, R Solem.

Orange Earth Tongue

[*Microglossum rufum*](#)
Geoglossaceae



J	F	M	A	M	J	J	A	S	O	N	D
						-	-	-	-	-	+

ID: Match-stick shape; head yellow-orange and scurfy; stalk lighter and scaly- granular.

Habitat: Scattered, groups, clusters. On ground in moss or decaying wood.

Fruiting Body: 0.8 – 2.8” [2 – 7 cm] consisting of head and stalk.

Head: 3/8 – 1.4” H x 1/8 – 5/8” W [1 – 3.5 cm x 3-16 mm] Yellow-orange to orange; spoon-/tongue-shaped, cylindric, sometimes compressed at center or longitudinally furrowed; covered w/ short, white hairs or scurfy, dull.

Stalk: 0.6 – 1.8” H x 1/16 – 3/16” W [1.5 – 4.5 cm x 1.5 – 5 mm] Yellow/orange-yellow, scaly-granular, nearly equal, may have channel on side.

Frequency: Uncommon.

Locations: BIGBR.

References: Bar 68 BBF 510, 514. Lin 358, 685. Pac 343fn. Phi 375. Roo 413.

Swamp Beacon

Mitrula elegans



OVERALL: Castleford Drive, 4/8/2010, J Solem.
SIDE: Castleford Drive, 4/8/2010, R Solem.
TOP: Castleford Drive, 4/8/2010, J Solem.
TOP: Castleford Drive, 4/8/2010, R Solem.

Swamp Beacon

Mitrula elegans
Helotiales



J	F	M	A	M	J	J	A	S	O	N	D
			+	-	-	-	-	-	-	-	-

ID: Yellow/orange “match-stick” head on pale stalk in shallow water in woods/bogs.

Habitat: Scattered, groups, in shallow water on decaying leaves/needles/twigs/debris in woodlands/ bogs.

Fruiting body: 1 – 2” [2 – 5 cm], head and stalk
Head: 1/8 – 1/2”W x 1/4 – 3/4”H [3 – 12 mm x 6 – 20 mm] Translucent yellow/orange (dull orange in age), somewhat gelatinous, smooth/slightly wrinkled, shiny, spindle-/pear-shaped or elliptic/lobed.
Stalk: 0.8 – 1.5” x 1/16 – 1/8” [2 – 4 cm x 1.5 – 3 mm] Whitish/pale translucent gray (sometimes pink), smooth/shiny, may taper up.

Frequency: Uncommon.

Locations: CASTL.

References: Bar 68. BBF 511, 514. Roo 413fn.

Common Morel
Yellow Morel

Morchella esculenta [complex]



OVERALL: North Farm Park, 5/4/2010, J Solem.
SIDE: North Farm Park, 4/29/2010, R Solem.
SIDE: Fulton South Area Park, 4/30/2010, H Metzman.

Common Morel
Yellow Morel

Morchella esculenta [complex]
Morchellaceae

J	F	M	A	M	J	J	A	S	O	N	D
			--	+	++						

ID: Body color variable; cylindrical w/ pits and ridges. Stalk whitish; granular, sometimes ribbed.

Habitat: Solitary, scattered, groups. On ground in variety of habitats, usually under trees.

Fruiting Body: : 0.8 – 7” H x 0.8 – 2.8” W
[2 – 17.5 cm x 2 – 7 cm] Whitish/grayish/yellow/yellow-brown; ovoid/conic/somewhat cylindric, sponge-like. Pits round/elongated/irregular.

Stalk: 1 – 4.5” x 0.8 – 2.8” [2.5 – 11.5 cm x 2 – 7 cm]
Whitish, equal or enlarged downward (sometimes massively), granular, often ribbed, hollow.

Spores: Cream/light yellow.

Frequency: Occasional.

Locations: FULSA, HENPV, NOFPK.

Notes: Morels have many additional common names.

References: Bar 72. BBF 476, 479. Lae 209. Lin 327, 710. M&M 504. McK 39, 2. Pac 286. Phi 361. Roo 485. Rus 39-42, 11.

White Green-algae Coral

Multiclavula mucida



OVERALL: Big Branch, 11/3/2009, *R Orr*.
 OVERALL: MPENA, 10/2/2009, *R Solem*.

White Green-algae Coral

[*Multiclavula mucida*](#)
 Clavulinaceae



J	F	M	A	M	J	J	A	S	O	N	D		
	+	+	+	-	-	-	-	-	-	+	+	+	+

ID: Body white/creamy, spindle-shaped w/ darker head.

Habitat: Scattered, groups. On algae-covered, wet, decaying wood.

Fruiting Body: 1/8 – 5/8" x 1/32 – 1/16"
 [3 – 15 mm x 1 – 1.5 mm] White/creamy-white/pale yellow; erect, spindle-shaped to cylindrical or tine-like (rarely forked); tough, waxy, stalk poorly defined.

Frequency: Fairly common.

Locations: BIGBR, GONRA, HENPV, RKBRP, SLMLP, WESRP.

Synonym: *Clavaria mucida*.

References: Bar 120. BBF 511, 515. Lin 406, 690. Mck 71.

Stinkhorn

Mutinus elegans, *Mutinus caninus*, *Mutinus ravenelii*



OVERALL: Elkhorn Garden Plot, 8/1/2008, J Solem.
 OVERALL: UMDCF, 10/5/2009, J Solem.
 OVERALL: Pigtail, 8/31/2010, R Orr

Stinkhorn

[Mutinus elegans](#) , [Mutinus caninus](#), [Mutinus ravenelii](#)
 Phallaceae

J	F	M	A	M	J	J	A	S	O	N	D	
							+	+	-	-	+	-

ID: Body reddish-pink; spike-like w/ slimy dark fruiting surface. Foul odor.

Habitat: Solitary, groups. On ground, mulch, wood chips, or decaying wood.

Fruiting Body and Fertile Surface:
 1.6 – 7” x 0.2 – 0.6” [4 – 17 cm x 0.5 – 1.5 cm]
 Foul odor. See Notes.

Frequency: Occasional.

Locations: ELKGP, PIGTL, UMDCF.

Notes: Kuo treats *M. caninus*, *elegans*, *ravenelii* as a complex. “Spikelike, more or less equal, with a slightly swollen apex (*Mutinus caninus* and *Mutinus ravenelii*) or more gracefully tapered toward the apex (*Mutinus elegans*); stocky in *Mutinus ravenelii*; often slightly curved in *Mutinus elegans*; sometimes whitish below, but pinkish rose (*Mutinus ravenelii*) to orangish or orangish red (*Mutinus elegans* and *Mutinus caninus*) above uniformly colored; rarely completely white, even at the apex (*Mutinus caninus* var. *albus*); often with clinging whitish volval remnants; minutely pocked and pitted (*Mutinus elegans*), or with fairly large pits (*Mutinus ravenelii*); with an olive brown to brown slime towards the apex (covering 2-3 cm in *Mutinus caninus*, more in *Mutinus elegans*) but usually not covering the extreme tip; the slime quickly becoming foul and odorous, and often quickly removed by insects; hollow; spongy; with a whitish, sacklike volva at the base.”

[Kuo, M. (2006, September). *Mutinus elegans*, *Mutinus caninus*, and *Mutinus ravenelii*. Retrieved from the *MushroomExpert.Com* Web site:
http://www.mushroomexpert.com/mutinus_elegans.html]

M&M says *M. elegans* is more common, *M. caninus* is likely introduced.

See also Ravenell’s Stinkhorn (*Phallus ravenelii*) .

References: Bar 100. BBF 462, 464. Kuo. Lae 236. Lin 835, 692. M&M 478. McK 347, 43. Pac 357. Phi 341. Roo 414. .

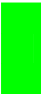
Irregular Earthtongue

Neolecta irregularis



Irregular Earthtongue

[*Neolecta irregularis*](#)
Neolectaceae



J	F	M	A	M	J	J	A	S	O	N	D			
						-	-	-	-	-	+	+	+	+

ID: Body bright yellow/yellow-orange; club-/spoon-shaped, often flattened.

Habitat: Solitary, scattered, groups. On ground in moss or duff in pine forests.

Fruiting Body: 0.8 – 3.1” [2 – 8 cm] w/ head and stalk-like base; head 0.2 – 1.1” [6 – 30 mm].

Head bright yellow/orange-yellow; broadly club-/spoon-shaped, lobed/branched; smooth/longitudinally furrowed/folded, often irregularly contorted/flattened. Stalk-like base whitish/pale yellow, may be absent/rudimentary, tapered downward.

Frequency: Occasional.

Locations: BIGBR, BRNBR, PIGTL.

Synonym: *Sprangueola irregularis*.

References: Bar 71. BBF 512, 515. Lin 359, 686. M&M 520. Roo 415fn.

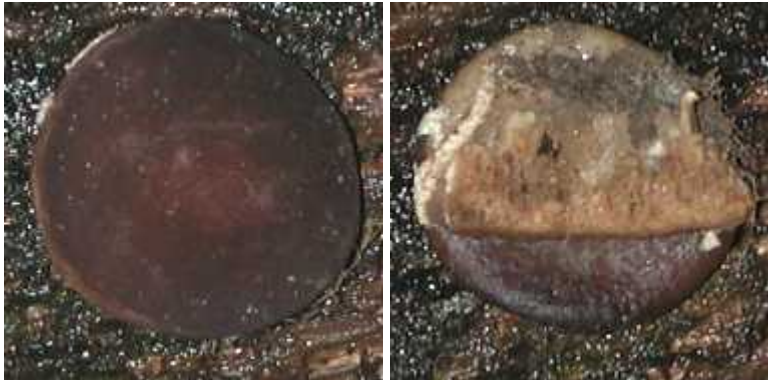
OVERALL: Pigtail, 11/21/2009, *R Orr*.

OVERALL: Browns Bridge, 12/15/2008, *R Solem*.

OVERALL (old): Browns Bridge, 11/9/2008, *J Solem*.

None

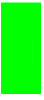
Pachyella clypeata



OVERALL: Schooley Mill Park, 11/03/10, *J Solem*.
 TOP (younger specimen): Schooley Mill Park, 11/03/10, *J Solem*.
 BOTTOM: Schooley Mill Park, 11/03/10, *J Solem*.

None

[*Pachyella clypeata*](#)
 Pezizaceae



J	F	M	A	M	J	J	A	S	O	N	D
				-	-	-	-	-	-	-	+

ID: Body medium-/dark-brown, cushion-shaped (young), cup-shaped (mature); rubbery.

Habitat: Solitary, small groups. On water-soaked hardwood logs.

Fruiting Body: 0.8 – 1.6" (max 3.2") [2 – 4 (8) cm]
 Medium-/dark-brown. Cushion-shaped (young); cup-shaped (mature).
 Flesh rubbery.

Frequency: Uncommon.

Locations: SLMLP.

References: Bar 64. BBF 488key. Kuo. Lin 348fn. Phi 376. .

None

Peziza atrovinosa



OVERALL (side): Browns Bridge, 6/13/2009, *R Solem*.

OVERALL: Browns Bridge, 6/13/2009, *R Solem*.

OVERALL: Browns Bridge, 6/13/2009, *J Solem*.

None

[*Peziza atrovinosa*](#)
Pezizaceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	+	-	-	-	-	-

ID: Body exterior surface: reddish-brown cup, scurfy; fertile surface: olive-brown, smooth; rubbery.

Habitat: Groups, dense clusters. In moss or on ground in forests.

Fruiting Body: 0.8 – 4" [2 – 10 cm]

Deeply cup-shaped. Margin ragged/wavy. Fertile surface brown ((almost black in age w/ olive tinge from spores), smooth. Outer surface cinnamon-brown/smoky, scurfy. Flesh rubbery.

Frequency: Uncommon.

Locations: BRNBR.

References: Phi 367.

Fairy Pins

Phaeocalicium polyporaeum



OVERALL: Big Branch, 5/29/2009, *W Earp*.

ENLARGMENT: Big Branch, 5/29/2009, *W Earp*.

Fairy Pins

Phaeocalicium polyporaeum
Mycocaliciaceae

J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-

ID: Parasitic on polypores. Scattered tiny black stalks.

Habitat: Scattered, groups or rows on polypores.

Head: 1/64 – 1/32" [0.2 – 0.6 mm] wide and high
Black, rounded to bluntly ovoid/cup-like.

Stalk: ca. 1/16" x <1/64" [1 – 2 mm x 0.3 mm]
Black, nearly equal/tapers up.

Frequency: Uncommon.

Locations: BIGBR.

References: BBF 512, 515.

Ravenel's Stinkhorn
Eastern Stinkhorn

Phallus ravenelii

Ravenel's Stinkhorn
Eastern Stinkhorn

Phallus ravenelii
Phallaceae



SIDE: Big Branch, 11/3/2009, *R Orr*.
OVERALL: Big Branch, 10/16/2008, *J Solem*.
YOUNG ("EGGS") and MATURE: River Hill, 11/14/2008, *S Earp*.

J	F	M	A	M	J	J	A	S	O	N	D
							-	-	-	+	+

ID: Body whitish-/pinkish-lilac; cylindric w/ slimy greenish-brown fruiting surface. Foul smelling. Body egg-like before emergence.

Habitat: Solitary, scattered, clusters. On/near decaying logs/ stumps, on wood chips/debris.

Body: 1 – 1.5" x 0.8 – 1.6" [2.5 – 4.5 cm x 2 – 3 cm]
Whitish/pinkish lilac w/ pinkish-lilac (often branched) rhizomorps. When young, egg-like (resembling small puffball), ovoid/pear-shaped, internally gelatinous giving rise to a distinct head and stalk.

Fertile surface: 1.1 – 1.8" x 0.6 – 1.5" [3 – 4.5 cm x 1.5 – 3 cm] Narrowly bell-shaped; granular/wrinkled surface w/o distinct pits, covered by spore mass; white-rimmed opening at apex.

Spore Mass: Slimy, foulsmelling: *Greenish-brown/olive-brown*. .

Frequency: Occasional.

Locations: BIGBR, RIVHL, TUFTS.

References: Bar 99. Lae 247fn. Lin 835, 706. M&M 479. BBF 463, 17. McK 348, 43. Pac 358fn. Roo 411fn.

Stinky Squid

Pseudocolus fusiformis



OVERALL: Gorman Stream Valley NRA, 5/30/2009, R Solem.

Stinky Squid

Pseudocolus fusiformis
Phallaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	-	-	-	-	-

ID: Body 3 – 5 yellowish-/pinkish-orange scaly tapering arms. Spore mass slimy, odorous.

Habitat: Solitary, scattered. On ground in parks, gardens, or at borders of open woods.

Fruiting Body [Arms]: 1 – 2.8” high [2.5 – 7 cm]
Yellowish-/pinkish-orange fruit body of 3 – 5 tapering arms rising from common base. Arms roughened, fused or free at tips.

Stalk: 0.8 – 1.8” [2 – 4.5 cm]
Roughened above, wrinkled and tough. Volva grayish-brown/grayish/whitish; wrinkled and tough.

Spore Mass: *Olive-green*/dark green; on inner surface of arms; slimy, odorous.

Frequency: Uncommon.

Locations: GONRA.

References: Kuo. Lae 277fn. Lin 833, 695. M&M 452. McK 345, 43.

Mayapple Rust

Puccinia podophylli

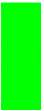


LEAF TOP: Schooley Mill Park, 4/25/2010, J Solem.

LEAF BOTTOM: Schooley Mill Park, 4/25/2010, J Solem.

Mayapple Rust

Puccinia podophylli
Pucciniaceae



J	F	M	A	M	J	J	A	S	O	N	D
				+	-	-	-	-	-		

ID: Rust on leaves of Mayapple.

Habitat: Forms a rust on leaves of Mayapple (*Podophyllum peltatum*).

Fruiting Body: Up to 1.5" across? [3.8 cm]
Orange, powdery "rust" primarily on bottom of leaf, but also showing on top of leaf.

Frequency: Uncommon.

Locations: SLMLP.

References:
<http://www.herbarium.iastate.edu/fungi/fungispecies.php?sp=Puccinia+podophylli+Schwein>.

Golden Coral

Ramaria aurea [complex]



SIDE: Pigtail, 8/29/2010, *R Orr*.
 OVERALL and BASE: Rocky Gorge Reservoir, 9/9/2009, *R Solem*.

Golden Coral

[*Ramaria aurea*](#) [complex]
 Gomphaceae



J	F	M	A	M	J	J	A	S	O	N	D	
					-	-	-	-	+	+	-	-

ID: Body orange-yellow; cauliflower-like, repeatedly branching from white bulbous base. Odor musty.

Habitat: Solitary, scattered. On ground in conifer or (occasionally) hardwood forests.

Fruiting Body: 3.1 – 3.9" x 3.9 – 7.9" [8 – 12 cm x 10 – 20 cm]
 Orange-yellow. Cauliflower-like w/ repeatedly branching body w/ dense closely packed tips, white bulbous base. Odor musty. Probably does not bruise or turn brown w/ age.

Spores: Yellow.

Frequency: Occasional.

Locations: PIGTL, RKBPR, ROGOR.

References: Bar 116. Lin 408fn. M&M 350. Rog.

Yellow-tipped Coral

Ramaria formosa



OVERALL (young): Pigtail, 9/7/2009, *R Solem*.
OVERALL: Big Branch, 8/21/2009, *R Solem*.

Yellow-tipped Coral

[*Ramaria formosa*](#)
Gomphaceae



J	F	M	A	M	J	J	A	S	O	N	D
					-	-	-	-	-	-	-
							+	+			

ID: Body salmon/orange-pink, lighter in age; coral-like, repeatedly branching from pinkish/white bulbous base. Taste bitter.

Habitat: Solitary, groups. On ground in forests.

Fruiting Body: Up to 5" [12.5 cm]

Pale salmon/orange-pink (yellowish to ochre in age). Branch tips blunt, often pale-/straw-yellow when young; bruises brownish. Surface smooth/wrinkled. Base thick, pinkish/white. Taste bitter/astringent.

Stalk: Basal stalk divides into multiple upright branches. Flesh cream/light yellow.

Spores: Pale yellow-brown.

Frequency: Uncommon.

Locations: BIGBR, PIGTL.

References: Bar 117. BBF 419. Kuo. Lae 251fn. Lin 408, 746. Pac 330. Phi 355. Roo 431.

Common Earthball
Pigskin Puffball

Scleroderma citrinum



OVERALL: Browns Bridge, 7/30/2008, *J Solem*.
 OVERALL (old): Long Corner, 9/13/2009, *R Solem*.
 CUT SURFACE (maturing spores) and MATURE: High Ridge Park
 6/23/2009, *R Solem*.

Common Earthball
Pigskin Puffball

Scleroderma citrinum
Sclerodermataceae

J	F	M	A	M	J	J	A	S	O	N	D
					-	+	+	+	+	-	+

ID: Body brown/golden-brown w/ coarse warts/scales, top pore/irregular tears; spherical/ ellipsoid. Spores white and solid, then marbled gray/purplish-black; blackish-brown and powdery at maturity.

Habitat: Solitary, scattered, groups. On ground/decaying wood in forests.

Fruiting Body: 0.8 – 2” H x 1 – 4” W [1.5 – 4 cm x 2.5 – 10 cm] Pale-/yellow-/golden-brown, covered w/ coarse warts/angular scales. Round hole/irregular tears at apex. Spherical/elipsoid. Thick, tough, warty skin. Attached to substrate by thick, stalk-like mycelial base.

Spores: *White* when very young, then *marbled dark gray/purplish/black*, solid and firm; *blackish-brown* and powdery at maturity.

Frequency: Very common.

Locations: ANNRK, BIGBR, BRNBR, CASCT, DFWMA, HENPV, HIRIP, LONGC, MCLUR, MPENA, PATBT, PIGTL, RKBRP, ROGOR, SLMLP, SUKBR, TUFTS, WINTR.

Notes: 

Surface skin rots away, exposing pores. Parasitized by *Boletus parasiticus* [not found]. (Cap 0.8 – 3.1”, tawny-olive, convex, smooth. Pores yellowish. Stalk 1.1 – 2.4” x 1/4 – 1/2”, color of cap. Grows on surface of *S. citrinum*.)

Synonyms: *S. aurantium*, *S. vulgare*.

References: Bar 92. BBF 456, 16. Lin 839, 654. M&M 464. McK 362, 48, Lae 256. Pac 376. Phi 335. Roo 448. Rus 113, #60.

Earthstar Puffball
 Earthstar Scleroderma
 Star Earthball

Scleroderma polyrhizum



OVERALL (mature spores): River Hill, 11/14/2008, S Earp.
 MATURE: Angelina Circle, 11/1/2008, J Solem.
 CUT SURFACE (maturing spores): Browns Bridge,
 10/16/2008, J Solem].

Earthstar Puffball
 Earthstar Scleroderma
 Star Earthball

[Scleroderma polyrhizum](#)
 Sclerodermataceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+++	+-	++-	

ID: Body dingy/pale yellow-brown, darker in age, splits into 4 – 8 petals; thick-walled; spherical/irregular when closed. Spores purplish/blackish-brown, firm, somewhat marbled, powdery at maturity. Odor unpleasant.

Habitat: Forms underground. Solitary, groups. In pine forests, along roads, on hillsides, etc.

Fruiting Body: 1.5 – 4.5” (up to 6” when open)
 [2.5 – 10 cm; to 15.5 cm] Spherical/ellipsoid/irregular when closed; resembles a starfish when open. Thick-walled (3 – 5 mm). Odor unpleasant.

Surface: Dingy white/straw-colored/pale yellow-brown; rough areolate to somewhat scaly. Splits into 4 - 8 (usually 5) star-like rays to expose spore case.

Spores: Brown/purplish/blackish-brown; somewhat marbled when young; firm; powdery at maturity.

Frequency: Fairly common.

Locations: BRNBR, GUIPK, HAMVL, HIRIP, NOLAP, RKBPR, TUFTS, WAUGH, WESRP.

Synonyms: *S. geaster*. *S. polyrhizon*.

References: BBF 456, 459. Lin 839, 642. M&M 465. McK 363, 47. Pac 376fn. Phi 335.

Eyelash Cup

Scutellinia scutellata



CLOSEUP: Henryton, 6/28/2009, R Solem.
GROUP: Henryton, 6/28/2009, J Solem.
GROUP: Long Corner, 7/10/2009, J Solem.

Eyelash Cup

[*Scutellinia scutellata*](#)
Pyronemataceae



J	F	M	A	M	J	J	A	S	O	N	D
			+++	--	---	+++	+++	++-	++-	+++	---

ID: Body small, scarlet red/bright orange, smooth; cup-/pill-shaped; margin covered w/ tiny dark hairs.

Habitat: Dense groups (usually). On moss/decayed wood and adjacent ground.

Fruiting Body: 0.1 H x up to 0.6" W [2 x 6 – 15 mm]
Cup-/pill-shaped. No stem. Flesh thin and insubstantial. Fertile surface (top/inner surface) scarlet red to bright orange, smooth. Sterile surface (under/outer surface) brownish or pale orangish, covered with tiny dark hairs; margin w/ longer, eyelash-like, dark hairs.

Spores: White.

Frequency: Fairly common.

Locations: CASCT, FULSA, HENPV, LONGC, MPENA, NOFPK, RKBRP, SLMLP, WESRP.

Synonym: *Peziza scutellina*.

References: Bar 60. Kuo. Lae 268. Lin 353, 604. M&M 526. McK 63, 4. Pac 411. Phi 373. Roo 471. Rog.

None

Scutellinia setosa
Scutellinia erinaceus



CLOSEUP: MPENA, 10/3/2009, R Orr.
OVERALL GROUP: MPENA, 10/1/2009, J Solem.

None

[*Scutellinia setosa*](#)
[*Scutellinia erinaceus*](#)
Pyronemataceae



J	F	M	A	M	J	J	A	S	O	N	D
								-	+	+	-

ID: Body tiny, orange/yellow-orange, smooth; cup-/pill-shaped; margin covered w/ tiny dark hairs.

Habitat: Dense groups (usually). On decayed wood.

Fruiting Body: 1/12 – 1/8" [2 – 3 mm]
Cup-/pill-shaped. No stem. Flesh thin and insubstantial. Fertile surface (top/inner surface) dull orange/ orange-yellow. Sterile surface (unde/outer surface) same; margin w/ longer, eyelash-like, dark hairs.

Frequency: Uncommon.

Locations: MPENA.

Notes: Species apparently only differ in spores (determined microscopically).

References: Bar 60.

Cauliflower Mushroom

Sparassis laminosa



OVERALL: Pigtail, 8/31/2010, R Orr.
OVERALL: North Laurel Park, 8/4/2008, J Solem

Cauliflower Mushroom

[*Sparassis laminosa*](#)
Sparassidaceae



J	F	M	A	M	J	J	A	S	O	N	D
						+	+	+	-	-	-

ID: Body whitish, thin; lettuce-like folded lobes; solid basal mass near stalk.

Habitat: Solitary, groups. On ground at base of decaying conifers (and sometimes oaks).

Fruiting Body: 6 – 12" x 6 – 10" [15 – 30 cm x 15 – 25 cm] Whitish/pale yellow/tan, flesh thin, white. Densely packed, lettuce-like, flattened, leafy, folded lobes (darkest and broadest at tips); solid basal mass near stalk.

Spores: White/light ochre.

Frequency: Occasional.

Locations: HAMVL, NOLAP, PIGTL, RKBPR.

Synonyms: *S. herbstii*. *S. crispa* var *laminosa*.

References: Bar 120. BBF 415, 13. Lae 252. Lin 411, 756. M&M 438. Pac 329. Phi 342. Rus 115, 61.

Cauliflower Mushroom

Sparassis spathulata



OVERALL: Hugg-Thomas WMA, 8/29/2008, *W Earp*.
 OVERALL: MPENA, 8/26/2009, *R Orr*.
 OVERALL: Long Corner, 6/27/2009, *J Solem*.
 OVERALL: Western Regional Park, 8/9/2009, *R Solem*.

Cauliflower Mushroom

[*Sparassis spathulata*](#)
 Sparassidaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	-	-	+	+	+
					-	-	-	-	-	-	-

ID: Body cream/gray; flattened branches unite in solid basal mass. Unpleasant odor.

Habitat: Solitary, groups. On ground at base of decaying oaks or pines.

Fruiting Body: 6 – 15" [15 – 38 cm]

Cream/pale yellow/gray; flesh thin, white, fibrous. Flattened branches wrinkled/curled/folded; individual branches stiff, broadest at tips, taper down and unite to form a thick basal mass. Lacks long, rooting stalk. Unpleasant odor.

Spores: White.

Frequency: Fairly common.

Locations: BIGBR, LONGC, MPENA, PIGTL, SUKBR, WESRP, WINTR.

References: Bar 120. BBF 415, 13. Bin 299. M&M 438. Roo 433. Rus 115.

Velvety Fairy Fan

Spathulariopsis velutipes



OVERALL: MPENA, 10/3/2009, *R Orr*.
 SPECIMEN GROUP: MPENA, 9/22/2009, *R Solem*.
 OVERALL: MPENA, 9/18/2009, *B Ott*.

Velvety Fairy Fan

Spathulariopsis velutipes

Cudoniaceae

J	F	M	A	M	J	J	A	S	O	N	D
						---	---	+	+	+	+

ID: Head brownish-yellow, flattened, irregularly wrinkled/ folded. Stalk reddish-brown, cylindrical.

Habitat: Groups, clusters. On mossy ground or decaying wood.

Fruiting Body: 2 – 2.6" [3 – 7 cm] consisting of head and stalk.

Head: 0.4 – 1.5" H x 1/4 – 5/8" W [1 – 5 cm x 6 – 15 mm]
 Yellowish/brownish-yellow. Flattened, irregularly wrinkled/ folded.

Stalk: 0.8 – 1.5" H x 1/4 – 5/8" W [2 – 4 cm x 6 – 15 mm]
 Reddish-brown. Equal/tapering upward, solid, velvety.

Frequency: Uncommon.

Locations: MPENA, NOLAP.

Synonym: *Spathularia velutipes*.

References: Bar 71. BBF 512, 21. Lin 359, 693. M&M 521. Roo 415. Kuo. Photo of young *S. velutipes* :

<http://chestofbooks.com/flora-plants/mushrooms/The-Mushroom-Book/Genus-Spathularia.html>

None

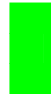
Syzygites megalocarpus



OVERALL: Long Corner, 6/7/2009, *R Solem*.

None

[Syzygites megalocarpus](#)
Mucorales



J	F	M	A	M	J	J	A	S	O	N	D
			-	-	-	+	-	-	-	-	-

ID: Parasitic on fungi. Body bluish/gray fuzzy mold covering victims.

Habitat: Parasitic on diverse mushrooms; widely distributed in North America.

Fruiting Body: Fuzzy mold covering the victim's surfaces; yellow becoming bluish/gray.

Frequency: Uncommon.

Locations: LONGC.

Notes: Kuo says it has been found on more than 65 different genera in the United States.

References: Kuo.

Velvet Blue Spread

Terana caerulea



OVERALL: High Ridge Park, 9/9/2009 R. Solem.
CLOSEUP: High Ridge Park, 9/9/2009, R Solem.

Velvet Blue Spread

Terana caerulea
Phanerochaetaceae



J	F	M	A	M	J	J	A	S	O	N	D
							---	+	---	---	---

ID: Body dark blackish-blue; crust-like, thin.

Habitat: Dense clusters. On underside of decaying hardwood logs or branches (especially oak).

Fruiting Body: 1/8 – 3/4" [3 – 20 mm], spreads into patches 1.5 – 6" (or more) [4 – 15.5 cm].

Dark blackish-blue, paler toward abrupt margin. Thin, crustlike (soft when fresh), rounded to irregular. Flesh (1-2 mm).

Spores: White.

Frequency: Uncommon.

Locations: HIRIP, RIVHL.

Synonyms: *Pulcherricium caeruleum*. *Corticium caeruleum*.

References: BBF 432, 443. Bin 427. Lin 420, 595. Pac 319.

Jelly Leaf

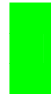
Tremella foliacea



OVERALL: Pigtail, 10/23/2009, R Solem.
OVERALL: Beaverbrook, 2/8/2009, R Orr.

Jelly Leaf

[*Tremella foliacea*](#)
Tremellaceae



J	F	M	A	M	J	J	A	S	O	N	D
	++	++		+	-	-	-	-	-	-	-

ID: Body pale/dark reddish-brown; lettuce-like rubbery folds.

Habitat: Solitary, scattered. On decaying hardwoods (occasionally conifers).

Fruiting Body: 2 – 10" x 2 – 4" [5 – 25.5 cm x 5 – 10 cm]
Pale/dark reddish-brown, rarely pale brownish-yellow. Lettuce-like cluster of leaf-like folds. Rubbery.

Spores: Pale yellow.

Frequency: Occasional.

Locations: BIGBR, DANPV, GONRA, HAMVL, HENPV, HOUCH, HOWCH, MPENA, MCHPV, ORRBB, PIGTL, RKBRP, ROGOR.

References: Bar 104. BBF 433, 436. Bin 435. Lae 282. Lin 384, 754. McK 67, #5. Pac 320fn. Roo 452fn.

Witches' Butter

Tremella mesenterica



SIDE: Henryton, 12/28/2008, *W Earp*.

OVERALL: Henryton, 12/28/2008, *J Solem*.

Witches' Butter

[*Tremella mesenterica*](#)
Tremellaceae



J	F	M	A	M	J	J	A	S	O	N	D				
---	++	++	--	+	+	+	+	+	+	---	+++	---	++	++	+

ID: Body pale yellow/yellow-orange; multi-lobed mass; rubbery.

Habitat: Clusters. On decaying hardwood branches/logs.

Fruiting Body: 0.6 – 2.8" [1.5 – 7 cm]

Pale yellow/yellow/yellow-orange. Wrinkled, brain-like, multi-lobed spreading mass. Rubbery.

Spores: White/yellowish.

Frequency: Very common.

Locations: BIGBR, CASCT, CEDLP, CENPK, DANPV, DORWD, GONRA, HAMVL, HENPV, HIRIP, HOLLO, HOUOS, MPENA, MCHPV, PIGTL, RKBRP, ROGOR, SLMLP, WESRP.

Notes: Parasitic on crust fungi (*Peniophora* spp), which is only present as mycelium, so appears to be parasitic on wood. *Dacrymyces palmatus* (Orange Jelly) grows on conifers.

Synonym: *Tremella lutescens*.

References: Bar 102. BBF 433, 436. Bin 439. Lae 282. Lin 385, 566. McK 67, 5. Pac 320. Roo 454.

Jellied False Coral

Tremellodendron pallidum



OVERALL: North Laruel Park, 7/17/2008, J Solem.
 OVERALL (young): Savage Park, 7/25/2009, R Solem.

Jellied False Coral

[*Tremellodendron pallidum*](#)
 Sebacinaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	-	+	+	-	-	-

ID: Body white/buff; coral-like w/ broadly flattened branches; fused at bases.

Habitat: Solitary, scattered, groups. On ground in hardwood/ mixed forests or on bark at base of oak.

Fruiting Body: 2 – 5.5" x 1 – 3.8" [5 – 14 cm x 2.5 – 9.5 cm]
 White/buff. Coral-like, densely clustered, numerous broadly flattened/ somewhat cylindrical branches; leathery/fibrous-tough; fused at bases w/ tops frequently united.

Spores: ?

Frequency: Fairly common.

Locations: HIRIP, LONGC, NOLAP, RKBRP, SAVPK, WINTR.

Synonym: *T. schweinitzii*.

References: Bar 108. BBF 434, 436. Lin 385, 741. M&M 494. McK 68, #5. Phi 358. Roo 435.

Jack-in-the-pulpit Rust

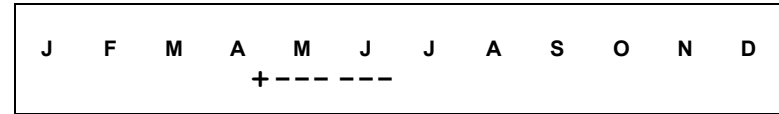
Uromyces ari-triphylli



OVERALL: Gorman Stream Valley NRA, 4/30/2010, N Magnusson.

Jack-in-the-pulpit Rust

Uromyces ari-triphylli
Pucciniaceae



ID: Rust on leaves of Jack-in-the-pulpit.

Habitat: Forms a rust on leaves of Jack-in the-pulpit (*Arisaema triphyllum*)

Fruiting Body: Up to 0.5" across? [1.3 cm]

"A fungal pathogen causing damage to the corm, the leaflets, and the spathe. An infected plant is easily identified by the presence of bright yellow, spore-producing, surface lesions. Impacts of this fungus include reduced growth of the plant and potential flower stage regression, reduced vegetative propagation, and inhibited pollination due to deformations in the spathe and its covering hood. In a given population of Jack-in-the-Pulpit, a fourth of the individuals are infected by this fungus. Of the infected female plants, the vast majority are no longer able to produce seeds."*

Frequency: Uncommon.

Locations: GONRA.

References: BBF 470, 19.

* www.psu.edu/dept/nkbiology/naturetrail/speciespages/jackinpulpit-htm_i0.pdf

Carbon Antlers
Candlesnuff

Xylaria hypoxylon



OVERALL: MPENA, 5/31/2009, *J Solem*.
OVERALL: MPENA 5/31/2009, *J Solem*.
OVERALL: MPENA, 8/19/2009, *J Solem*.

Carbon Antlers
Candlesnuff

Xylaria hypoxylon
Xylariaceae

J	F	M	A	M	J	J	A	S	O	N	D
		+			++++	++	++	---	---	---	---

ID: Body white (asexual) to black (sexual), finely roughened; irregularly spindle-shaped and sparingly branched.

Habitat: Solitary (infrequent), dense clusters (usually). On/near decaying hardwood stumps.

Body: 1/4 – 1" x 1/16 – 1/8" [5 – 25 mm x 1 – 2 mm]
White when young (asexual stage), black in age (sexual stage) when perithecia below surface emerge. Irregularly spindle-shaped. Finely roughened, wrinkled and minutely cracked in age. Flesh white, fibrous-tough.

Spores: Dark brown.

Frequency: Fairly common.

Locations: BIGBBR, CASCT, HENPV, LONGC, MPENA, PIGTL, UMDCF, WESRP.

Notes: Asexual stage dimensions by Solem.

References: BBF 523key. Lae 248. Lin 375, 738. M&M 521fn. MCK 31fn. Pac 344. Phi 375. Rog. Roo 418fn.

Dead Man's Fingers

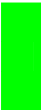
Xylaria polymorpha



OVERALL (maturing): MPENA, 7/8/2009, *R Solem*.
 OVERALL: MPENA, 7/8/2009, *J Solem*.
 OVERALL (old): Savage Park, 8/24/2009, *J Solem*.

Dead Man's Fingers

[*Xylaria polymorpha*](#)
Xylariaceae



J	F	M	A	M	J	J	A	S	O	N	D
					+	+	+	+	-	-	-

ID: Body white (asexual) to black (sexual), finely roughened; irregularly club-shaped.

Habitat: Solitary (infrequent), dense clusters (usually). On/near decaying hardwood stumps.

Fruiting Body: 0.8 – 3.5" x 0.4 – 1.1" [2 – 9 cm x 1 – 3 cm] White when young (asexual stage), black in age (sexual stage) when perithecia below surface emerge. Irregularly club-/spindle-shaped. Finely roughened, wrinkled and minutely cracked in age. Flesh white, fibrous-tough.

Spores: Dark brown.

Frequency: Fairly common.

Locations: CASCT, DANPV, HENPV, MPENA, RKBPR, ROGOR, SAVPK.

References: Bar 79. BBF 526. Lae 245. Lin 376, 697. M&M 521. Mck 30, #1. Pac 345. Phi 375. Roo 418.

Slime Molds

(Protozoa)

GENERA IN ALPHABETIC ORDER

(as they appear in the guide)

Arcyria

Ceratiomyxa

Enteridium

Fuligo

Hemitricia

Lycogala

Metarichia

Mucilago

Physarum

Reticularia

Stemonitis

Trichia

Tubifera



None

Arcyria cinerea



OVERALL: Duvall Road, 6/12/2009, J Solem.

None

Arcyria cinerea
Arcyriaceae

J	F	M	A	M	J	J	A	S	O	N	D
-	-	-	-	-	-	++	-+	-+	-	-	-

ID: Body of pale gray (almost white) cylinders on blackish stalks; several on a common stalk.

Habitat: Clusters. On well-decayed logs, bark, leaf litter, dung.

Fruiting Body: 1/12 – 1/6" [2 – 4 mm]

Pale gray (almost white) to light brown, ochraceous, or (less common) yellowish-brown. Finger-like clusters (2- 20) on a single stalk.

Stalk: Blackish/gray.

Spores: Pale gray/light yellow.

Frequency: Occasional.

Locations: FARMS, PIGTL, TUFTS.

Notes: Web reference has better picture than Barron.

References: Bar 40. Myx 87.

http://slimemold.uark.edu/fungi/images/NameImages/KIMFLEMING%5CArcyria_cinerea2KF.jpg

None

Arcyria denudata



OVERALL: MPENA, 7/8/09, *R. Solem*.
 GROUP (enlarged portion of top photo): MPENA, 7/8/2009, *R Solem*.

None

Arcyria denudata
Arcyriaceae

J	F	M	A	M	J	J	A	S	O	N	D
		-	-	-	-	-	+	-	-	-	-

ID: Body brick-red/purple-brown egg-shaped mass on tan stalk; contents expand to form purple-red mesh.

Habitat: Clusters. On well-decayed logs or bark (less frequent).

Fruiting Body: Up to 1/8" tall [3 mm]
 Brick-red/pinkish-red/purple-brown. Egg-shaped/short cylindrical. Outer wall disappears and contents expand to form bright purple-red mesh, fading in age.

Stalk: Short [1 mm], color of peridium.

Spores: Red/reddish-brown.

Frequency: Uncommon.

Locations: MPENA.

References: Bar 40 (has a good picture). Myx 88.
http://www.sanamyan.com/myxomycetes/arcyria_denudata.php

Coral Slime

Ceratiomyxa fruticulosa

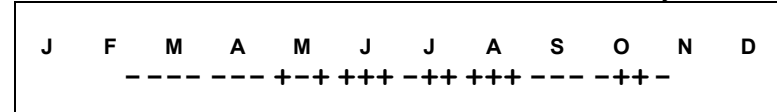


OVERALL: North Laurel Park, 5/25/2009, R Solem.

Coral Slime

[*Ceratiomyxa fruticulosa*](#)

Ceratiomyxaceae



ID: Body white fuzzy; dome-shaped or cylindrical.

Habitat: Clusters. On well-decayed logs.

Fruiting Body: Up to 0.4" long [1 cm]
Columnar. White, fuzzy appearance.

Stalk: Short (if visible).

Spores: White.

Frequency: Fairly common--after prolonged rainy periods.

Locations: BIGBR, HENPV, LONGC, NOLAP, WESRP, WINTR.

Notes: See diagrams in Myx 94 of various stages.

Synonym: *Ceratiomyxa fruticulosa* var. *fruticulosa*.

References: Bar 35. Lin 845, 740. Myx 93.

Coral Slime

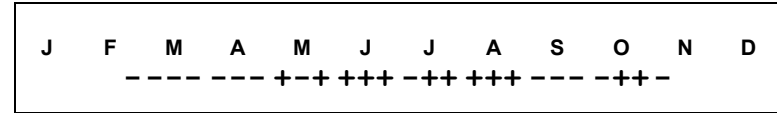
Ceratiomyxa porioides



OVERALL: Big Branch, 8/3/2008, N Magnusson.

Coral Slime

[*Ceratiomyxa porioides*](#)
Ceratiomyxaceae



ID: Body white fuzzy; dome-shaped or cylindrical.

Habitat: Clusters. On well-decayed logs.

Fruiting Body: Up to 0.4" long [1 cm]
Dome-shaped, honeycombed. White, fuzzy appearance.

Stalk: Short (if visible).

Spores: White.

Frequency: Common--after prolonged rainy periods.

Locations: BIGBR, BRNBR, CASCT, DANPV, HENPV, LONGC, MPENA, PIGTL, RKBRP, SLMLP, WESRP.

Notes: See diagrams in Myx 95 of various stages.

Synonym: *Ceratiomyxa fruticulosa* var. *porioides*.

References: Bar 35. Lin 845, 740. Myx 93.

Dog Vomit
Scrambled-egg Slime

Fuligo septica



OVERALL: Henryton, 7/15/2009, *R Solem*.

OVERALL: Wincopin, 5/13/2009, *R Solem*.

OVERALL: Gorman Stream Valley NRA, 3/16/2011, *J Solem*.

Dog Vomit
Scrambled-egg Slime

Fuligo septica
Physaraceae

J	F	M	A	M	J	J	A	S	O	N	D	
		-	+	-	-	-	+	+	-	-	-	-

ID: Body white/yellow/reddish mass w/ red-brown flecks.

Habitat: Expanding clusters. On rich soil, stumps, logs, or living plants. Usually seen in cool weather (spring and fall).

Fruiting Body: Up to 8" x 1.2" thick [20 x 3 cm]
White/yellowish/ochre/pink w/ red-brown flecks. Slimy when young (smooth but brittle crust in age breaks away to show black spore mass).

Spores: *Black/dark gray*.

Notes: Cortex has calcareous granules. (Cortex of *Mucilago crustacea* has calcareous crystals.)

Frequency: Common.

Locations: CASCT, GONRA, HENPV, HOLLO, HOUOS, LONGC, MCHPV, NOLAP, OTHER, PIGTL, RKBPR, SLMLP, WESRP, WINTR.

References: Bar 36. Bin 339. Lin 845, 559. Myx 123.

None

Hemitrichia calyculata



ENLARGEMENT OF MATURE: MPENA, 7/8/2008, R Solem.

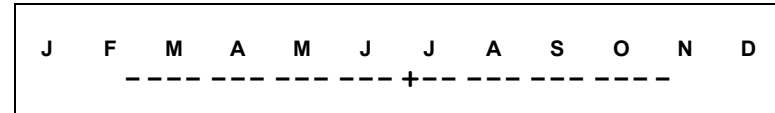
YOUNG SPORANGIA of *Hemitrichia* sp (below)



ENLARGEMENT OF YOUNG: MPENA, 7/22/2010, R Solem.

None

Hemitrichia calyculata
Trichiaceae



ID: Mature body mustard-yellow and cottony in a shallow cup w/ short stalk. Young reddish.

Habitat: Dense clusters. On well-decayed logs/ stumps.

Fruiting Body: 1/32 – 1/8" [1 – 3 mm]
Mustard-/olive-yellow. Outer wall disappears, contents expand to form club-shaped, cottony head supported by shallow, membranous cup (calyculus). Young reddish, smooth; on short stalk.

Stalk: Dark red-brown.

Frequency: Uncommon.

Locations: MPENA.

Notes: Distinguished from *H. clavata* [not found] by shallower cup (Solem observation).

References: Bar 41 has a good picture. Myx 124.
<http://www.treknature.com/gallery/Europe/Spain/photo97487.htm>
Young sporangia, Bar 39

Wolf's Milk

Lycogala epidendrum



OVERALL (young): Centennial Park, 10/9/2009, B Orr.
 OVERALL (maturing): Henryton, 10/26/2009, R Orr.
 OVERALL (old): Big Branch, 5/29/2009, W Earp.
 GROUP (very young): North Laurel Park, 10/12/2008, J Solem.

Wolf's Milk

[*Lycogala epidendrum*](#)
 Tubiferaceae

J	F	M	A	M	J	J	A	S	O	N	D
+	++	+-	+-	+-	+++	+++	+++	---	+++	---	

ID: Body globular pinkish-gray (filled w/ orange liquid when young), purple-brown in age, spores become powdery when mature.

Habitat: Scattered, crowded groups. On decayed wood (often pine).

Fruiting Body: 1/8 – 5/8" [3 – 15 mm]

Cinnabar-red/pinkish-gray (sand-colored/olivaceous-brown/ nearly black in age). Round or nearly round/hemispherical. Roughened.

Spores: *Orange liquid* when young, then *solid pinkish-gray/ochre*, finally *purple-brown/pinkish and powdery*.

Frequency: Very common.

Locations: BIGBR, CASCT, CEDLP, CENPK, DANPV, DFWMA, GONRA, HENPV, HIRIP, HOLLO, HOUOS, LONGC, MPENA, NOLAP, PIGTL, RKBRP, ROGOR, SLMLP, SUKBR, WESRP, WINTR.

References: Bar 45. Bin 371. Lin 848, 665. Pac 395. Myx 135.

Multigoblet Slime Mold
Wasp Nest Slime Mold

Metatrachia vesparium



OVERALL: MPENA, 7/8/2009, *R Solem*.

ENLARGED: MPENA, 7/8/2009, *R Solem*.

3 and 4 - OVERALL: MCLUR, 3/12/2011, *Richard Orr*

Multigoblet Slime Mold
Wasp Nest Slime Mold

[Metatrachia vesparium](#)
Trichiaceae

J	F	M	A	M	J	J	A	S	O	N	D
		-	+	-	-	-	-	-	-	-	-

ID: Black-metallic/dark maroon sporangia (like grapes) when young, on a common stalk.

Habitat: Dense clusters. On well-decayed wood/bark (occasionally on dead leaves).

Fruiting Body: Up to 1/8" tall [3 mm]

Wine-red/dark maroon/black-metallic sporangia (0.4 – 0.7 mm diameter) in clusters from common stalk. Well-marked lid breaks down at maturity to expose bright red-brown/purplish fluffy mass of threads (capillitium).

Stalk: Short and dark (or brick-red).

Spores: Brownish-red.

Frequency: Uncommon.

Locations: MCLUR, MPENA, MCHPV.

References: Bar 42 (has a good picture). Bin 375. Lin 852, 556. Myx 137.

http://www.sanamyan.com/myxomycetes/metatrachia_vesparium.php

None

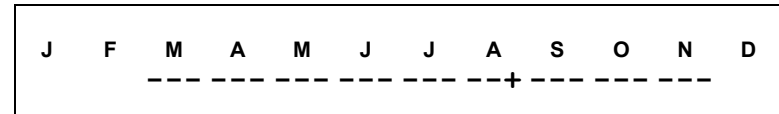
Mucilago crustacea



OVERALL: Western Regional Park, 8/21/2010, J Solem.

None

[Mucilago crustacea](#)
Didymiaceae



ID: Body chalky white/creamy/pale ochraceous, crusty; spore mass black.

Habitat: Scattered, forms clusters. Rotting wood, decayed leaves, plant debris, low-growing living plants.

Fruiting Body: Up to 2.8" x 2" x 0.8" thick [7 x 5 x 2 cm]
Chalky white; crystalline and crusty. Interior black.

Spores: *Black.*

Frequency: Uncommon.

Locations: HAMVL, WESRP.

Notes: Cortex has calcareous crystals. (Cortex of *Fuligo* sp has calcareous granules.)

References: Bar 36. Myx 138.

Common Slime Mold

Physarum polycephalum



CLOSEUP: Patapsco Female Institute, 7/30/2010, R Orr.
 OVERALL: Patapsco Female Institute, 7/30/2010, J Solem.

Common Slime Mold

[*Physarum polycephalum*](#) [or near]
 Physaraceae



J	F	M	A	M	J	J	A	S	O	N	D
-----+-----											

ID: Supposedly, one of the most common slime molds; found on decayed logs and many other substrates. The fruiting body looks like small connected yellow globs. The plasmodium is a network of veins.

Habitat: Decaying wood, fruiting bodies of fleshy fungi, sometimes on living plants.

Description: Yellow-gray (rarely white) w/ scattered clusters of yellow/white lime granules. Plasmodium yellow.

Frequency: Uncommon.

Notes: "Widely used in laboratory studies. Similar species occur in nature." "This protist may be seen without a microscope; *P. polycephalum* is typically yellow in color, and eats fungal spores, bacteria, and other microbes. The main vegetative phase of *P. polycephalum* is the plasmodium (the active, streaming form of slime molds). The plasmodium consists of networks of protoplasmic veins, and many nuclei. It is during this stage that the organism searches for food. The plasmodium surrounds its food and secretes enzymes to digest it." *

Locations: PAFEI.

References: *From Wikipedia, the free encyclopedia

Silver Hand

Reticularia lycoperdon.



SIDE: Henryton, 4/15/2010, R Orr.
 SPLIT: Henryton, 4/15/2010, R Orr.
 SIDE: Mt Pleasant, 4/24/2010, R Orr.
 CUT (mature spores): Mt Pleasant, 4/24/2010, R Orr.
 OLD: Big Branch, 5/12/2009, J Solem.

Silver Hand

[*Reticularia lycoperdon*](#)
 Tubiferaceae

J	F	M	A	M	J	J	A	S	O	N	D
---	---	---	++	+++	+	---	---	---	---	+	---

ID: Body silvery-brown/black glob, Becoming black and cracking as it ages.

Habitat: Solitary, scattered, forms clusters. Variety of habitats but often on decayed logs.

Fruiting Body: Up to 3.1" across [8 cm]
 Silvery-brown/gray-black outer wall; base surrounded by white margin.

Spores: *Dark brown.*

Frequency: Fairly common.

Locations: BIGBR, DANPV, FARMS, HENPV, MTPLT, SLMLP.

Synonym: *Enteridium lycoperdon.*

Notes: According to information provided by R Orr, the organism starts at the base of a tree or other substrate and slowly climbs upward until it matures and releases its spores.

References: Bar 45. Myx 122.

Pipe-cleaner Slime Mold

Stemonitis sp



OVERALL: Rockburn Branch Park, 5/25/2009, J Solem.
ENLARGED: Rockburn Branch Park, 5/25/2009, J Solem.
ENLARGED (side): Rockburn Branch Park, 5/25/2009, J Solem.
OVERALL: Pigtail, 6/2/2010, R Solem

Pipe-cleaner Slime Mold

Stemonitis sp
Stemonitidaceae

J	F	M	A	M	J	J	A	S	O	N	D
				+++	+++	+++	++				

ID: Body black-brown “pipe cleaners” on short black stalks.

Habitat: Dense clusters. On dead wood (one species in leaf litter or plant litter on forest floor).

Fruiting Body: Tufts 0.3 – 0.8” tall [7 – 20 mm]
Rusty-brown or gray-black (depending on species); fruiting bodies in tufts, film-like base (hypothallus) brown and membranous.

Stalk: ca. 1/16” long [1.5 – 2 mm]
Shining black.

Frequency: Common.

Locations: BIGBR, CASCT, DANPV, GONRA, MPENA, PIGTL, RKBRP, SLMLP, WESRP, WINTR.

Notes: There are over 100 species, separable only by microscopic examination of spores.

References: Bar 43. Lin 853-4, 550, 736. Myx 152-4.
http://www.zipcodezoo.com/Protozoa/S.Stemonitis_axifera/

None

Trichia decipiens [or near]



OVERALL: Wincopin, 10/10/2008, *J Solem*.
 ENLARGED: Henryton, 10/2/2009, *R Solem*.

None

[*Trichia decipiens*](#) [or near]
 Trichiaceae

J	F	M	A	M	J	J	A	S	O	N	D	
		-	-	-	-	+	-	-	-	+	+	-

ID: Body white/pink/ orange masses; pear-shaped/ovate.

Habitat: Dense clusters. On well-decayed wood (conifers).

Fruiting Body: Less than 1/16" diameter [1 mm]
 White/pink/yellow/orange (ochraceous/ochraceous-brown in age). Small, pear-shaped/ovoid, very shiny. Cup-like structure persists.

Spores: Pale yellow.

Stalk: Color of fruiting body. Thin (<= height of body).

Frequency: Occasional.

Locations: CASCT, HENPV, WESRP, WINTR.

References: Myx 155.
<http://pkck.5.pick.uga.edu/mp/20q?search=Trichia+decipiens>: "Plasmodium white, pink or orange. Stalk gradually merging into the sporotheca, plicate, brown, filled with spore-like bodies. Sporotheca obovate or pyriform. ochraceous, very shiny. Peridium yellow or ochraceous-yellow by TL; smooth, pleated towards the stalk, dehiscing at the apex and remaining as a basal cup. Spore-mass, including the capillitium, ochraceous or ochraceous-brown. Spores pale yellow."

Red Raspberry Slime

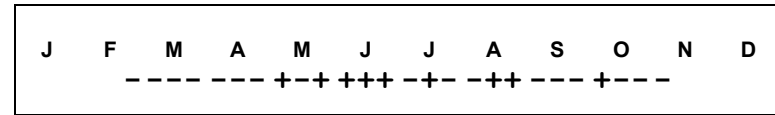
Tubifera ferruginosa



OVERALL: Mt Pleasant, 6/8/2009, B Ott.
TOP (mature): Schooley Mill Park, 5/27/2009, J Solem.

Red Raspberry Slime

Tubifera ferruginosa
Tubiferaceae



ID: Body pink/rose-red cake-like “tapioca” becoming red-/purplish-brown at maturity.

Habitat: Dense clusters. On well-decayed logs or wood debris (occasionally in leaf litter).

Fruiting Body: 1/64 x 1/8 – 1/4” high, up to 6” long [0.5 x 3 – 5 mm x 15 cm]. Young sporangia delicate pink/bright rose-red; at maturity spore-bearing bodies red-/purplish-brown w/ metallic, iridescent surface, base off-white/brownish, spongy.

Spores: Umber-brown.

Frequency: Very common.

Locations: CASCT, DANPV, HENPV, LONGC, MPENA, PIGTL, RKBRP, ROGOR, SAVPK, SLMLP, SUKBR, SVMLT, TUFTS, WESRP, WINTR.

References: Bar 46. Lin 848, 751. Myx 159.

Appendices

References

Each of the available fungi guides has advantages and disadvantages. All require a certain amount of basic knowledge of botany and a willingness to learn mycological terminology. Books (in alphabetical order by abbreviation) are listed first; they are followed by two web sources.

- | <u>Abbreviation</u> | <u>Reference</u> |
|---------------------|---|
| Bar: | Barron, G. 1999. <i>Mushrooms of Northeast North America</i> . Lone Pine Publishing, Auburn, WA. Because it is limited to northeastern North America, it includes those species likely to be found in central Maryland; it also contains a section on slime molds (a group missing from most other guides). A disadvantage is that gilled mushrooms are divided into sections by <i>spore color</i> , which cannot always be determined in the field. |
| BBF: | Bessette, A. E., A. R. Bessette, and D.W. Fisher. 1997. <i>Mushrooms of Northeastern North America</i> . Syracuse University Press, Syracuse, NY. One of the most complete guides (and quite formidable for the beginner). Useful keys, concise descriptions, numerous photographs, and the inclusion of well over 1,000 species make this an invaluable reference. |
| BHB: | Bessette, A. E., D. B. Harris, A. R. Bessette. 2009. <i>Milk Mushrooms of North America: A Field Identification Guide to the Genus Lactarius</i> . Syracuse University Press, Syracuse, NY. Comprehensive keys, excellent photographs, and detailed descriptions for more than 150 species. Not for the casual observer. |
| Bin: | Binion, D. E. et al. 2008. <i>Macrofungi Associated with Oaks of Eastern North America</i> . West Virginia University Press. Morgantown, WV. A very specialized reference that is valuable for Howard County. |
| BRB: | Bessette, A. E., W. C. Roody, and A. R. Bessette. 2000. <i>North American Boletes: A Color Guide to the Fleshy Pored Mushrooms</i> . Syracuse University Press, Syracuse, NY. A specialized guide for <i>boletes</i> with detailed keys, descriptions, and photographs. Not for the casual observer. |
| Lae: | Læssøe, T. and G. Lincoff. 2002. <i>Mushrooms</i> . Dorling Kindersley, Inc., New York, NY. Originally published in England as a guide to their fungi and edited by Lincoff for the United States market. |
| Lin: | Linhoff, G. H. 1981. <i>National Audubon Society Field Guide to North American Mushrooms</i> . Alfred A. Knopf, New York NY. One of the earliest (and still authoritative) guides. Its disadvantage for local study is that it covers all of North America; increasingly, many of the Latin names used have been superseded. |
| M&M: | Miller, O.K. and H.H. Miller. 2006. <i>North American Mushrooms: A Field Guide to Edible and Inedible Fungi</i> . Globe Pequot Press, Guilford, CT. One of the most current guides. It is quite complete and useful, even though the gilled mushrooms are divided by <i>spore color</i> , which cannot always be determined in the field. |
| McK: | McKnight, K. H. and V. B. McKnight. 1987. <i>A Field Guide to Mushrooms: North America</i> . Houghton Mifflin Company, Boston MA. A Peterson Field Guide. It depends on finding a drawing on a color plate and then looking up the text. Much useful information is contained in the individual descriptions. An increasing number of Latin names have been superseded. |
| Myx: | Stephenson, S. L. and H. Stempfen. 1994. <i>Myxomycetes: A Handbook of Slime Molds</i> . Timber Press, Portland, OR. Dated but useful field guide to common slime molds of eastern United States. |
| Pac: | Pacioni, G., G. Lincoff U. S. ed. 1981. <i>Guide to Mushrooms</i> . Simon and Schuster, Inc., New York, NY. Originally published in Italy and based on fungi found there; edited by Lincoff for the United States market. |
| Phi: | Phillips, R. 2010. <i>Mushrooms and Other Fungi of North America</i> . Firefly Books, Buffalo, NY. Printed version of much that is on his web page "Rogers Mushrooms" with full color illustrations for each species. Comprehensive photographic views, concise descriptions, and keys make this an excellent resource. |
| Roo: | Roody, W. C. 2003. <i>Mushrooms of West Virginia and the Central Appalachians</i> . The University Press of Kentucky, Lexington, KY. This guide includes many fungi found in central Maryland and has a key helpful for field use. A highly useful reference. |
| Rus: | Russell, B. 2006. <i>Field Guide to Wild Mushrooms of Pennsylvania and the Mid-Atlantic</i> . The Pennsylvania State University Press, University Park, PA. Mushrooms are divided by fruiting season. Species described are useful for Howard County; the major disadvantage is the limited number treated. |
| Kuo: | Kuo, M. 2000-2010. MushroomExpert.Com < http://www.mushroomexpert.com >. It is almost impossible to remain current with changes in nomenclature without recourse to material published on the web. Kuo is a source of current |

information and useful keys. He uses current taxonomy and has extensive web references to other material. One of the most valuable sources of information.

Rog: Phillips, R. 2001-2010. RogersMushrooms <<http://www.rogersmushrooms.com>>. Along with Kuo, a comprehensive source on the web. Phillips also has extensive listings of European fungi (a number of which also occur in North America).

[Other]: Other web references will have the full URL.

Glossary



poisonous: do not use taste to identify!

acid sharp, bitter, harsh
aethalium..... relatively large fruiting body formed from plasmodium (slime molds)
age mature, often with changes in color (see *stain*) or texture
annular zone indistinct ring of fibrils on stalk
apex top
appressed lying flat on the surface
areolate surface covered with a network of cracks
anastomosing..... fusing to form a network
attached joined to stalk (*adnate*)
base lower part of stalk
bell-shaped..... having a convex shape that resembles a bell
ca. approximately
calyculus persistent cup-like structure formed by base of peridium (slime molds)
cap upper part of fruiting body (*pileus*)
central at or near the middle of the cap or stem
close gills spaced farther apart than crowded
cluster..... fungi arising from the same spot, typically touching and often attached at the base
collar..... ring at stalk apex into which gills are inserted
compressed..... flattened
conic shaped more or less like an inverted cone
convex..... curved or rounded outward
cortex thick covering over spore mass of aethallium (slime molds)
crossveins tiny veins connecting adjacent gills
crowded..... gills very close together
cuticle outermost layer of cap
cylindrical stalk is same or nearly same diameter throughout its length
decurrent gills descend stalk
deliquesce liquify, e.g., gills of *coprinus*
depressed sunken center of cap
disc..... central area of a mushroom cap.
distant..... gills very widely spaced; farther apart than substiant
duff partially decayed matter on the forest floor

eccentric..... off-center
entire without notches or indentations
evanescent present briefly, then disappearing
fairy ring circular or arched zone of multiple fruiting bodies arising from a mycelium expanding outward from a central point
fibril/fibriloid tiny fibers/having tiny fibers
fimbriate minutely fringed.
fibril/fibrillose thread-like fibers
fibrous covered with hair-like structures
flat generally level or plane
floccose having tufts of soft hairs.
free gills are not attached to stalk
funnel-shaped shaped like an inverted cone
gelatinous viscous, rubbery
gill..... plate-like structure on fertile side of cap of some mushrooms
glabrous smooth
gleba spore-bearing tissue (in puffballs)
granular resembling tiny grains
grooved margin of cap has perpendicular furrows or channels (*striate*, *lined*)
ground..... soil with organic matter under forests or turf; bare or covered with duff, debris, mulch, grass, etc.
group..... many fruiting bodies in a small area but separated (*gregarious*, *caespitose*)
hyaline..... colorless and clear
hygrophanous color change of mushroom tissue (cap) as it loses or absorbs water
indented having a tooth-like edge
inrolled bent inward (incurved)
KOH potassium hydroxide
lateral attached to margin of cap
latex fluid exuding from cut or broken surfaces of some mushrooms
lobed margin with a roundish projection
margin edge of cap
marginate distinct edge or ridge on top of bulb (stalk base)
mycelium..... mass of hyphae (thread-like fungal cells), usually in substrate
NH₄OH ammonia
notched has indentation at the point of attachment on the stalk (*adnexed*)
obligate required microrrhizal host
obtuse rounded or blunt
off-center to one side (eccentric)
partial veil..... covers gills or pores of some mushrooms. remains may show as remnants on the margin of the cap or as a ring
peridiole tiny, egg-like structure that contains spores
peridium middle layer of spore case (puffballs); covering of spore mass (slime molds)
perithecium minute, flask-shaped structure containing sac-like structures producing spores (plural, *perithecia*)
pleated having folds of definite widths on margin
pore open end of tubes of boletes or polypores
pruinose covered with a fine powder
recurved having margin curled upward (or curled over)
reticulate having net-like covering
rhizomorph thick strands of thread-like filaments growing together
ribbed having vertical ridges
ring remains of the partial veil on stalk
scaber granular point on cap or stalk
scalloped having curved projections cut along the margin

scalycovered with projections or torn portions of a surface
 scatteredseveral fruiting bodies not close together
 sclerotium.....hard knot of fungus tissue
 scurfy.....roughened with scales
 secondary gillsshort gills attached only to margin of cap or only to stalk or collar
 solitary.....generally only one fruiting body in area
 spindle-shaped.....wide in the middle then tapering at both ends.
 spongy.....squishy or porous
 stain.....change in color in age or by cutting or bruising; may be instantaneous, slow, or delayed
 stalk.....structure supporting the cap or head of the fruiting body (stem, *stipe*)
 streaklong, narrow mark
 straightflat, not curved
 striategrooved
 stuffedfilled with soft tissue, often disappearing in age
 subdecurrentgills extending part way down stalk
 subdistant.....gill spacing between close and distant
 taperreduce diameter (upward or downward)
 tomentosebent and matted plant hairs, forming a woolly coating
 umbopointed or rounded elevation in center of cap
 universal veilcompletely encloses immature stage of some mushrooms. may form scales or patches on cap, or a volva at the base of the stalk
 upturned.....having margin curved upward
 veil.....see partial veil or universal veil
 viscidsticky, slimy, tacky
 volva.....cap-like sac surrounding stalk at base; the remains of the universal veil
 zonatehaving concentric bands of different color or texture

DANPV Daniels Road (PVSP)
 DFWMA David Force Wildlife Management Area
 EBERT Residence on Hallmark Rd
 FARMS Various locations
 FULSA Fulton South Area Park
 GONRA Gorman StreamValley Natural Resource Area
 GUIPK Guilford Park
 GWACP Gwynn Acres Path
 HAMVL Hammond Village (including Solem's)
 HENPV Henryton Road (PVSP)
 HIRIP High Ridge Park
 HOLLO Hollofield (PVSP)
 HOUCH Houchen's (Woodbine Morgan Road)
 HOWCH Howard Chapel Road (PATRP)
 HTWMA Hugg-Thomas Wildlife Management Area
 JACPD Jackson Pond
 KALIL Residence on Roxbury Mill Road
 LONGC Long Corner (PATRP)
 MARPV Marriottsville Road (PVSP)
 MBRKP Meadowbrook Park
 MCLUR Residence on Mt. Albert Rd
 MPENA Middle Patuxent Environmental Area
 MPRED Eden Brook (Middle Patuxent River) – see GONRA
 MPRKR Kindler Road (Middle Patuxent River) – see GONRA
 MCHPV Morning Choice Trail, Avalon (PVSP)
 MTPLT Mount Pleasant (Howard County Convergancy)
 NOLAP North Laurel Park
 ORRBB Residence on Durham Rd - East
 PAFEI Patapsco Female Institute
 PATBT Patuxent Branch Trail
 PATRP Patuxent River State Park
 PIGTL Pigtail (TRIRS)
 POPPK Poplar Springs Park
 PVSP Patapsco Valley State Park
 RIVHL River Hill (including Earp's)
 RKBRP Rockburn Branch Park
 ROGOR Rocky Gorge Reservoir (includes Scotts Cove)
 SAVPK Savage Park
 SLMLP Schooley Mill Park
 SVMLT Savage Mill Trail
 TRIRS Triadelphia Reservoir
 TUFTS Residence on Duvall Road
 WAUGH Residence on Angelina Circle
 WESRP Western Regional Park
 WILLK Wilde Lake
 WINTR Wincopin Trails
 WSRPV Woodstock Road (PVSP)

Locations

<u>Pentagraph</u>	<u>Location</u>
ALRGL	Alpha Ridge Landfill
ALRGP	Alpha Ridge Park
ANNRK	Annapolis Rock (PATRP)
BIGBR	Big Branch (TRIRS)
BONOT	Residence on Manahan Drive
BRNBR	Browns Bridge (ROGOR)
CASCT	Cascade Trail, Avalon (PVSP)
CEDLP	Cedar Lane Park
CENPK	Centennial Park

Index

- abietinum*
 Hirschioporus, 307
 Trichaptum, 307
Abortive *Entoloma*, 67
abortivum
 Entoloma, 67
abortivus
 Clitopilus, 67
acicula
 Mycena, 137
acutesquamosa
 Lepiota, 118
adiposa
 Pholiota, 158
admirabilis
 Pluteus, 167
 Pluteus, 167
 Polyporus, 281
adusta
 Bjerkandera, 243
aeruginascens
 Chlorociboria, 323
aeruginosa
 Chlorociboria, 323
affine
 Xanthoconium, 241
affinis
 Boletus, 241
Agaricus
 bisporus, 5
 campestris, 5
 moelleri, 6
 molestus, 8
 placomyces, 6
 silvaticus, 7
 strictior, 69
Agrocybe
 Cracked-top, 8
 dura, 8
 molesta, 8
 praecox, 9
alba
 Exidea, 345
 Gloeotromera, 345
albellum
 Leccinellum, 228
 Leccinum, 228
albidula
 Russula, 178
albissimus
 Leucopaxillus, 123
alboater
 Tylopilus, 237
alboflavida
 Melanoleuca, 136
alboviolaceus
 Cortinarius, 53
albuscorticis
 Marasmiellus, 127
Alcohol Inky Cap, 47
alkalivirens
 Collybia, 73
 Gymnopus, 73
Almond-scented *Russula*, 183
alnicola
 Pholiota, 156
alveolaris
 Favolus, 282
 Polyporus, 282
Amanita
 caesaria, 17
 ceciliae, 10
 Cecilia's, 10
 citrina, 11
 Citron, 11
 cokeri, 12
 Coker's, 12
 flavoconia, 13
 flavorubescens, 14
 fulva, 15
 gemmata, 16
 Gemmed, 16
 Gray Veiled, 21
 jacksonii, 17
 muscaria, 18
 parcivolvata, 19
 polypyramis, 20
 porphyria, 21
 rubescens, 22
 umbonata, 17
 vaginata, 23
 virosa, 24
 Amanita Mold, 349
 Amber Jelly Roll, 343
 American Caesar's Mushroom, 17
 American *Lepiota*, 120
 American Slippery Jack, 232
 americana
 Lepiota, 120
 Leucocoprinus, 120
 americanus
 Hericium, 260
 americanus
 Boletus, 232
 Leucoagaricus, 120
 Suillus, 232
 Amethicium
 chrysocreas, 335
 Ampulloclitocybe
 clavipes, 25
 apala
 Conocybe, 44
 Apiosporina
 morbosa, 312
 applanatum
 Ganoderma, 254
 applanatus, 63
 applicatus
 Resupinatus, 176
 Apricot Milky Cap, 114
 arcularius
 Polyporus, 283
 Arcyria
 cinerea, 388
 denudata, 389
 ari-triphylly
 Uromyces, 384
 Armillaria
 mellea, 26
 tabescens, 27
 Armillariella
 mellea, 26
 Aromatic Milky, 99
 Artist's Conk, 254
 Artomyces
 pyxidatus, 313
 aruginascens
 Chlorosplenium, 323
 Ascocoryne
 cylichnium, 314
 sarcoides, 314
 aspera
 Lepiota, 118
 astragalina
 Pholiota, 157
 atramentaria
 Coprinopsis, 47
 atramentarius
 Coprinus, 47
 atricapillus
 Pluteus, 168
 atripes
 Inocybe, 92
 atropunctata
 Biscogniauxia, 316
 atropurpurea
 Russula, 190
 atrotomentosa
 Tapinella, 194
 atrotomentosus
 Paxillus, 194
 atrovinosa
 Peziza, 365
 aurantiaca
 Hygrophoropsis, 88
 aurantiacum
 Hydnellus, 262
 aurantiocinnabarina
 Clavulinopsis, 331
 aurantium
 Scleroderma, 372
 aurea
 Ramaria, 370
 Aureoboletus
 auriporus, 207
 innixus, 215
 auricula-judae
 Auricularia, 315
 auricular
 Auricularia, 315
 Auricularia
 auricula-judae, 315
 auricular, 315
 auricular-judae
 Himeola, 315
 aurivella
 Pholiota, 158
 auroporus
 Aureoboletus, 207
 Boletus, 207
 autumnalis
 Galerina, 72

badius
Polyporus, 295
Royoporus, 295
 Baeospora
 Conifer-cone, 28
 Lavender, 29
 myosura, 28
 myriadophylla, 29
 Baoespora
 Lavender, 29
 Bay-brown Polypore, 295, 296
 Beacon
 Swamp, 359
 Bear Lentinus, 116
 Bear's Head Tooth, 260
 Beard
 Satyr's, 261
 Bearded Tooth, 261
 Beech Hypoxylon, 351
 Beefsteak Fungus, 250
 Bell-cap Panaeolus, 150
 Bell-shaped Fuzzy Foot, 202
betulina
 Lenzites, 272
bicolor
 Boletochaete, 208
 Boletus, 208
biforme
 Trichaptum, 308
biformis
 Hirschioporus, 308
 Big Laughing Gym, 75
 Big Laughing Mushroom, 75
bilamellata
 Stropharia, 192
 Birds Nest
 Splash-cup, 336
 Streaked, 337
 White-egg, 334
Biscogniauxia
 atropunctata, 316
Bisporella
 citrina, 317
bisporus
 Agaricus, 5
bisus
 Lentinellus, 115
 Bitter Bolete, 238
 Bitter Oyster, 153
 Bitter Pholiota, 157
 Bitter Waxy Cap, 85
 Black Jelly Oyster, 176
 Black Knot of Cherry, 312
 Black Trumpets, 62
 Black Velvet Bolete, 237
 Black Witches' Butter, 341
 Blackfoot Polypore, 287
 Black-staining Polypore, 274
 Bleeding Mycena, 140
 Bleeding Oak Crust, 299
Blerkandera
 adusta, 243
 Blewit
 Flowery, 119
 Blood-red Cort, 59
 Blue Cheese Polypore, 289
 Blue Spread
 Velvet, 380
 Blue Stain, 323
 Blusher, 22
 Yellow, 14
 Bolete
 Apple, 213
 Ash-tree, 209
 Bitter, 238
 Black Velvet, 237
 Chestnut, 226
 Clustered Brown, 215
 Frost's, 213
 Gilled, 162
 Granular-dotted, 233
 Gray, 229
 King, 211
 Ornate-stalked, 230
 Painted, 234
 Pallid, 217
 Purple-red, 225
 Red-and-Yellow, 208
 Reddish-brown Bitter, 240
 Red-mouth, 220
 Spotted, 241
 Two-colored, 208
 Violet-gray, 239
 Bolete Mold, 348
boletinellus
 merulioides, 209
Boletinus
 castanellus, 224
 pictus, 234
 squarrosoides, 224
Boletochaete
 bicolor, 208
Boletus
 affinis, 241
 americanus, 232
 auriporus, 207
 bicolor, 208
 caespitosus, 215
 curtisii, 210
 edulis, 211
 fagicola, 212
 frostii, 213
 granulatus, 233
 griseus, 229
 hortonii, 214
 innixus, 215
 longicurvipes, 216
 ornatipes, 230
 pallidus, 217
 parasiticus, 372
 pubescens, 304
 pulverulentus, 218
 retipes, 230
 rubellus, 219
 rubinellus, 225
 spraguei, 212
 subvelutipes, 220
 variipes, 221
 vermiculosoides, 222
 vermiculosus, 223
 viridiflavus, 207
Bolinia
 petersii, 322
 Bonnet
 Clustered, 141
 Orange, 137
borealis
 Camarophyllus, 86
 Hygrocybe, 86
Bothia
 castanella, 224
Bovista
 pila, 318
Bovistella
 radicata, 357
 Bracket
 Gilled, 272
brevipes
 Russula, 179
 Brick Top, 91
 Brittlebill
 Whitish, 178
 Brittlestem
 Clustered, 172
 Broad Gill, 135
 Brown Bolete
 Clustered, 215
 Brown-toothed Crust, 266
brumalis
 Polyporus, 284
 Buff Fishy Milky, 107
Bulgaria rufa, 344
 Butter
 Black Witches', 341
caerulea
 Terana, 380
caeruleum
 Corticium, 380
 Pulcherricum, 380
caesaria
 Amanita, 17
 Caesar's Mushroom
 American, 17
 False, 19
caesia
 Postia, 289
caesius
 Oligoporus, 289
 Tyromyces, 289
caespitosus
 Boletus, 215
 Clitocybe, 42
cajantia
 Fomitopsis, 252
Callistosporium
 purpureomarginatum, 30
Calocera
 cornea, 319
calolepis
 Crepidotus, 65
Calvatia
 craniiformis, 320
 cyathiformis, 321
Calycella
 citrina, 317
calyculata
 Hemitrichia, 393
Camarophyllus
 borealis, 86
Camarops
 petersii, 322
campanella
 Omphalia, 202
 Omphalopsis, 202

Xeromphalina, 202
campanulatus
Panaeolinus, 150
campestris
Agaricus, 5
Psalliota, 5
camphorates
Cortinarius, 54
camphoratus
Lactarius, 99
candidissimum
Cheimonophyllum, 36
candidissimus
Pleurotus, 36
candidus
Marasmiellus, 127
Marasmius, 127
candolleana
Psathyrella, 169
caninus
Mutinus, 362
cantharellus
Craterellus, 33
Hygrocybe, 79
Hygrophorus, 79
Cantharellus
cibarius, 31, 34
cinnabarinus, 32
lateritius, 33
minor, 34
Cantlesnoff, 385
Cap
Hairy Rubber, 344
capillaris
Marasmius, 128
capnoides
Hypholoma, 89
Naematoloma, 89
Carbon Antler's, 385
Carbon Balls, 340
castanella
Bothia, 224
castanellus
Boletinus, 224
Suillus, 224
castaneus
Gyroporus, 226
Catathelasma
ventricosa, 35
ventricosum, 35
Cauliflower Mushroom, 376, 377
cauticinalis
Xeromphalina, 203
ceciliae
Amanita, 10
Cecilia's Amanita, 10
Cedar-Apple Rust, 346
cepaestipes
Coprinus, 49
Leucocoprinus, 49
Ceramic Fungus, 310
Ceratiomyxa
fruticulosa, 390
fruticulosa var fruticulosa, 390
fruticulosa var porioides, 391
porioides, 391
Cerrena
unicolor, 244
cervina
Trametes, 306
Trametopsis, 306
cervinus
Pluteus, 168
Chalciporus
rubinellus, 225
Changeable Pholiota, 94
Chanterelle
Cinnabar, 32
False, 88
Golden, 31
Small, 34
Smooth, 33
Chanterelle Waxy Cap, 79
Cheese Polypore
Blue, 289
Staining, 290
White, 309
Cheimonophyllum
candidissimum, 36
chelidonium
Lactarius, 100
Chestnut Bolete, 226
Chicken Mushroom, 271
Chicken of the Woods, 271
Chicken-fat Suillus, 232
chioneus
Tyromyces, 309
chlora
Chlorosplenium, 325
Peziza, 325
Chlorencoelia
versiformis, 324
chlorinigenus
Hypomyces, 348
Chlorociboria
aeruginascens, 323
aeruginosa, 323
Chlorophyllum
molybdites, 37
Chlorosplenium
aruginascens, 323
chlora, 325
versiforme, 324
Chondrostereum
purpureum, 326
chryscumum
Hydnum, 267
chrysocreus
Amethicium, 335
Chrysomphalina
strombodes, 38
chrysothiza
Hydnophlebia, 267
Phanerochaete, 267
chrysothirus
Lactarius, 101
chrysothirus
Dacrymyces, 338
Hypomyces, 348
cibarius
Cantharellus, 31, 34
cincinnatus
Laetiporus, 271
cinerea
Arcyria, 388
Clavulina, 329
Cinnabar Polypore, 294
cinnabarinum
Cystoderma, 66
cinnabarinus
Cantharellus, 32
Pycnoporus, 294
cinnamomea
Coltricia, 245
Cinnamon Polypore
Shiny, 245
Cinnamon Polypore, 246
citrina
Amanita, 11
Bisporella, 317
Calycella, 317
citrinum
Heliotium, 317
Scleroderma, 372
Citron Amanita, 11
Clavaria
fragilis, 328
mucida, 361
pulchra, 332
rubicundula, 327
vermicularis, 328
Clavaria fumosa, 327
Clavicornia
pyxidata, 313
clavipes
Ampulloclitocybe, 25
Clitocybe, 25
Clavulina
cinerea, 329
coralloides, 330
cristata, 330
rusosa, 330
Clavulinopsis
aurantiocinnabarina, 331
laeticolor, 332
Climacodon
septentrionalis, 333
Clitocybe
caespitosus, 42
clavipes, 25
clustered, 42
coniferophila, 40
eccentrica, 39
Fat-footed, 25
flavidella, 40
illudens, 149
irina, 119
robusta, 41
strombodes, 38
subconnexa, 42
Clitopilus
abortivus, 67
Club Foot, 25
Clustered Bonnet, 141
Clustered Brittlestem, 172
Clustered Brown Bolete, 215
Clustered Clitocybe, 42
clypeata
Pachyella, 364
coccinea
Hygrocybe, 80
coccineus
Hygrophorus, 80
cohaerens

Marasmius, 129
cokeri
Amanita, 12
 Coker's *Amanita*, 12
Collibia
conigena, 28
strictipes, 134
Collybia
alkalivirens, 73
dryophila, 74
 Little Brown, 73
maculata, 177
myriadophylla, 29
 Oak, 74
 Rooted, 205
 Spotted, 177
tuberosa, 43
 Tuberous, 43
velutipes, 71
Coltricia
cinnamomea, 245
perennis, 246
comatus
Coprinus, 50
 Common Morel, 360
 Common Puffball, 355
 Common Slime Mold, 397
commune
Schizophyllum, 191
compacta
Russula, 180
complicatum
Stereum, 298
concentrica
Daldinia, 340
conchifer
Poronidulus, 288
Trametes, 288
concrescens
Hydnellum, 263
confragosa
Daedalea, 249
Daedaleopsis, 249
confusus
Strobilomyces, 231
conica
Hybrocybe, 81
conicus
Hygrophorus, 81
 Conifer-cone *Baeospora*, 28
coniferophila

Clitocybe, 40
conigena
Collibia, 28
Conocybe
apala, 44
lactea, 44
tenera, 45
Coprinellus
micaceus, 46
Coprinopsis
atramentaria, 47
Coprinopsus
lagopus, 48
Coprinus
atramentarius, 47
cepaestipes, 49
comatus, 50
disseminatus, 51
lagopides, 48
lagopus, 48
micaceus, 46
plicatilis, 154
quadrifidus, 52
variegatus, 52
coprophila
Psilocybe, 175
 Coral
 Crested, 330
 Crown-tipped, 313
 Golden, 370
 Gray, 329
 Jellied False, 383
 Orange Spindle, 331
 Smoky Worm, 327
 White Green-algae, 361
 White Worm, 328
 Yellow-tipped, 371
 Coral Slime, 390, 391
 Coral Spring *Mycena*, 137
 Coral Woodcrust, 279
coralloides
Clavulina, 330
 Coral-pink *Merulius*, 279
Coriolus
hirsutus, 303
pubescens, 304
versicolor, 305
cornea
Calocera, 319
cornucopioides
Craterellus, 62

coronilla
Stropharia, 192
 Corrugated Cort, 55
 Corrugated-cap Milky, 102
corrugatus
Cortinarius, 55
corrugis
Lactarius, 102
 Cort
 Blood-red, 59
 Corrugated, 55
 Red-gilled, 60
 Silvery-violet, 53
 Spotted, 56
 Sticky Violet, 56
 Violet, 61
Corticium
caeruleum, 380
Cortinarius
alboviolaceus, 53
camphoratus, 54
corrugatus, 55, 56
privignus, 57
pulchrifolius, 58
sanguineus, 59
semisanguineus, 60
violaceus, 61
cothurnatus
Suillus, 236
 Cracked-top *Agrocybe*, 8
craniiformis
Calvatia, 320
craterellus
Polyporus, 285
Craterellus
cantharellus, 33
cornucopioides, 62
fallax, 62
 Crep
 Flat, 63
 Jelly, 65
Crepidotus
applanatus, 63
calolepis, 65
crocophyllus, 64
fulvotomentosus, 65
mollis, 65
 Crested Coral, 330
 Crimped Gill, 166
crispa
Plicaturopsis, 166

crispa var laminosa
Sparassis, 376
cristata
Clavulina, 330
crocophyllus
Crepidotus, 64
 Crowded Parchment, 298
 Crown-tipped Coral, 313
crucibuliforme
Crucibulum, 334
Crucibulum
crucibuliforme, 334
levis, 334
vulgare, 334
Crucibulum
laeve, 334
 Crumble Cap, 51
 Crust
 Reddish-brown, 291
 Wrinkled, 280
crustacea
Mucilago, 396
crustosa
Russula, 181
 Cryptic Globe Polypore, 247
Cryptoporus
volvatus, 247
 Cup
 Eyelash, 374
curtisii
Boletus, 210
 Cushion Hypoxylon, 352
cuspidatum
Entoloma, 147
 Custard
 Plums and, 200
cyathiformis
Calvatia, 321
Cyathus
stercoreus, 336
striatus, 337
cylindrium
Ascocoryne, 314
Cystoderma
cinnabarinum, 66
terreii, 66
Dacrymyces
chrysospermus, 338
palmatum, 338
Dacryopinax
spathularia, 339

Daedalea
confragosa, 249
quercina, 248
Daedaleopsis
confragosa, 249
Daldinia
concentrica, 340
 Dead Man's Fingers, 386
 Deadly Galerina, 72
decastes
Lycophyllum, 125
 Deceiver, 95
 Deceptive Milky, 103
deceptivus
Lactarius, 103
decepiens
Trichia, 400
decolorans
Russula, 182
decora
Tricholomopsis, 199
 Decorated Mop, 199
 Deer Mushroom, 168
delineata
Psathyrella, 170
Dentinum
repandum, 268
denudata
Arcyria, 389
 Destroying Angel, 24
deterimus
Lactarius, 104
Dibotryon
morbosum, 312
disseminatus
Coprinus, 51
 Dog Vomit, 392
 Dryad's Saddle, 286
dryadeus
Inonotus, 292
Polyporus, 292
Pseudoinonotus, 292
dryinus
Pleurotus, 164
dryophila
Collybia, 74
dryophilus
Gymnopus, 74
 Dunce Cap
 Brown, 45
 White, 44
 Dung-loving Psilocybe, 175
dura
Agrocybe, 8
 Dye Polypore, 277
 Ear Fungus, 315
 Earth Fan, 302
 Earth Tongue
 Orange, 358
 Earthball
 Common, 372
 Star, 373
 Earth-gray Tricholoma, 196
 Earthstar Puffball, 373
 Earthstar Scleroderma, 373
 Earthtongue
 Irregular, 363
 Eastern Stinkhorn, 367
eccentrica
Clitocybe, 39
edulis
Boletus, 211
elegans
Lenzites, 273
Mitrula, 359
Mutinus, 362
Polyporus, 287
Trametes, 273
 Elegant Polypore, 287
Enteridium
lycoperdon, 398
 Entoloma
 Abortive, 67
abortivum, 67
 Blue-toothed, 68
cuspidatum, 147
murayi, 147
 Salmon Unicorn, 148
salmonium, 148
serrulatum, 68
 Spring, 70
 Straight-stalked, 69
strictior, 69
strictius, 69
vernum, 70
 Yellow Unicorn, 147
epipterygia
Mycena, 138
erinaceus
Hericium, 261
Scutellina, 375
esculenta
Morchella, 360
Exidea
alba, 345
glandulosa, 341
Exidia
nucleata, 342
recisa, 343
 Eyelash Cup, 374
 Eyespot Milky, 109
fagicola
Boletus, 212
 Fairy Cups
 Yellow, 317
 Fairy Fan
 Velvet, 378
 Fairy Pins, 366
 Fairy Ring Mushroom, 130
fallax
Craterellus, 62
 False Caesar's Mushroom, 19
 False Chanterelle, 88
 False Coral
 Jellied, 383
 False Saffron Milkcap, 104
 False Turkey-tail, 300
 Fan-shaped Jelly Fungus, 339
fasciatum
Stereum, 300
fasciculare
Hypholoma, 90
Naematoloma, 90
 Fat-footed Clitocybe, 25
Favolus
alveolaris, 282
 Fawn Mushroom, 168
felleus
Tylopilus, 238
ferruginosa
Tubifera, 401
 Fiber Vase
 Common, 302
 Fingers
 Dead Man's, 386
Fistulina
hepatica, 250
flabeliformis
Lentinellus, 115
Flammula
granulosa, 159
Flammulina
velutipes, 71
 Flat Polypore
 Thin-maze, 249
flavescens
Hygrocybe, 82
flavidella
Clitocybe, 40
flavoconia
Amanita, 13
flavorubescens
Amanita, 14
 Flecked-flesh Polypore, 278
floccopus
Strobilomyces, 231
 Flowery Blewit, 119
 Fly Agaric, 18
foeniseii
Panaeolina, 151
Panaeolinus, 151
Psilocybe, 151
foliacea
Tremella, 381
fomentarius
Fomes, 251
Fomes
fomentarius, 251
igniarius, 278
Fomitopsis
cajanderi, 252
pinicola, 253
formosa
Ramaria, 371
fragiforme
Hypoxylon, 351
fragilis
Clavaria, 328
Oligoporus, 290
Postia, 290
Tyromyces, 290
fragilissima
Mycoacia, 267
Oxydontia, 267
 Fragrant Lactarius, 99
 Fried Chicken Mushroom, 125
frondosa
Grifola, 258
frostii
Boletus, 213
frustulatus
Xylabolus, 310
frustulosum
Stereum, 310

fruticulosa
Ceratiomyxa, 390
fruticulosa var fruticulosa
Ceratiomyxa, 390
fruticulosa var porioides
Ceratiomyxa, 391
fulgens
Pyncoporellus, 293
Fuligo
septica, 392
fulva
Amanita, 15
fulvotomentosus
Crepidotus, 65
fumosa
Clavaria, 327
Fungus
Silver Leaf, 326
furfuracea
Tubaria, 201
Xerula, 205
fusescens
Irpex, 266
fusififormis
Pseudocolus, 368
Fuzzy Foot
Bell-shaped, 202
galericulata
Mycena, 139
Galerina
autumnalis, 72
Deadly, 72
marginalis, 72
Galiella rufa, 344
Ganoderma
applanatum, 254
lucidum, 255
tsugae, 256
gausapatum
Stereum, 299
geaster
Scleroderma, 373
gelatinosa
Hypocrea, 347
Gelatinous Woodcrust, 275
gemmata
Amanita, 16
gemmatum
Lycoperdon, 355
Gemmed Amanita, 16
Gem-studded Puffball, 355
gerardii
Lactarius, 105
Gerronema
strombodes, 38
giganteus
Meripilus, 274
Gill
Crimped, 166
Gill Polypore
Yellow-red, 257
Gilled Bolete, 162
Gilled Bracket, 272
Gilled Polypore
Multicolor, 272
glabripes
Lactarius, 106
glandulosa
Exidea, 341
Gloeophyllum
sepiarium, 257
Gloeotromera
alba, 345
Golden Coral, 370
Golden Pholiota, 158
Goldstalk, 230
gracilis
Psathyrella, 171
Granular Jelly Roll, 342
granulatus
Boletus, 233
Suillus, 233
granulosa
Flammula, 159
Pholiota, 159
grata
Russula, 183
Gray Coral, 329
Gray Veiled Amanita, 21
Green Stain, 323
Green-algae Coral
White, 361
Green-spored Mushroom, 37
Grifola
frondosa, 258
Grisette, 23
Tawny, 15
griseus
Boletus, 229
Lactarius, 106
Retiboletus, 229
Gym
Big Laughing, 75
Gymnopilus
junonius, 75
spectabilis, 75
Gymnopus
alkalivirens, 73
dryophilus, 74
strictipes, 134
Gymnosporangium juniperi-
virginianae, 346
Gyrodon
merulioides, 209
Gyroporus
castaneus, 226
purpurinus, 227
Red, 227
haematopus
Mycena, 140
Hairy Panus, 117
Hairy Rubber Cap, 344
Hapalopilus
nidulans, 259
Hapopilus
rutilans, 259
Hat
Witch's, 81
Hebeloma
sinzapizans, 76
Hedgehog Mushroom, 268
Heliotium
citrinum, 317
Hemitrichia
calyculata, 393
Hen of the Woods, 258
hepatica
Fistulina, 250
herbstii
Sparassis, 376
Hericium
americanum, 260
erinaceus, 261
Hexagonal-pored Polypore, 282
Himeola
auricular-judae, 315
Hirschioporus
abietinum, 307
biformis, 308
hirsuta
Trametes, 303
hirsutus
Coriolus, 303
Hohenbuehelia
petaloides, 77
Honey Mushroom, 26
Ringless, 27
Honey Scaly Mushroom, 160
Horsehair Fungus, 132
hortinii
Boletus, 214
Leccinum, 214
Xerocomus, 214
Humidicutis
marginata, 78
hyalinus
Hypomyces, 349
Hydnellum
aurantiacum, 262
concrescens, 263
spongiosipes, 264
suaveolens, 265
Hydnochaete
olivacea, 266
Hydnophlebia
chrysohriza, 267
Hydnum
chryscomum, 267
repandum, 268
scabrosum, 296
septentrionale, 333
hydrophila
Psathyrella, 173
Hygrocybe
borealis, 86
cantharellus, 79
coccinea, 80
conica, 81
flavescens, 82
marginata, 78
miniata, 83
mucronella, 85
nitidus, 87
nivea, 86
psittacina, 84
reai, 85
virginea, 86
Hygrophoropsis
aurantiaca, 88
Hygrophorus. See *Hygrocybe*
cantharellus, 79
coccineus, 80
conicus, 81
marginatus, 78

miniatus, 83
nitidus, 87
niveus, 86
psittacinus, 84
rei, 85
virginus, 86
Hymenochaete
tabacina, 291
Hypholoma
capnoides, 89
fasciculare, 90
lateritium, 91
sublateritium, 91
velutinum, 98
Hypocrea
gelatinosa, 347
 Yellow Cushion, 347
Hypomyces
chlorinigenus, 348
chrysospermus, 348
hyalinus, 349
lactifluorum, 350
hypoxylon
Xylaria, 385
Hypoxylon
 Beech, 351
 Cushion, 352
fragiforme, 351
 Red Cushion, 351
Hypoxylon sp, 352
igniarius
Fomes, 278
Phellinus, 278
illudens
Clitocybe, 149
Omphalotus, 149
incarnata
Phlebia, 279
incarnates
Merulius, 279
inclinata
Mycena, 141
 Inky Cap
 Alcohol, 47
 Scaly, 52
innixus
Aureoboletus, 215
Boletus, 215
Inocybe
atripes, 92
lacera, 93
Inonotus
dryadeus, 292
nidulans, 259
tomentosus, 276
involutus
Paxillus, 155
irina
Clitocybe, 119
Lepista, 119
Irpex
fusescens, 266
lacteus, 269
 Irregular Earthtongue, 363
irregularis
Neolecta, 363
Sprangueola, 363
Ischnoderma
resinosum, 270
iveus
Nolanea, 147
 Jack-in-the-pulpit Rust, 384
 Jack O' Lantern, 149
jacksonii
Amanita, 17
 Japanese Parasol, 154
 Jellied False Coral, 383
 Jelly
 Orange, 338
 Jelly Baby
 Yellow, 353
 Jelly Club
 Ochre, 353
 Jelly Drops
 Purple, 314
 Jelly Fungus
 Fan-shaped, 339
 White, 345
 Jelly Leaf, 381
 Jelly Oyster
 Black, 176
 Jelly Roll
 Amber, 343
 Granular, 342
juniperi-virginianae
Gymnosporangium, 346
junonius
Gymnopolis, 75
kauffmanii
Xeromphalina, 204
Kuehneromyces
mutabilis, 94
Laccaria
tortilis, 97
Laccaria
 Common, 95
laccata, 95
ochropurpurea, 96
 Purple Gilled, 96
laccata
Laccaria, 95
lacera
Inocybe, 93
 Lacquered Polypore, 255
Lacrimaria
velutina, 98
lacrymabunda
Lacrymaria, 98
Lacrymaria
lacrymabunda, 98
Lactarius
chelidonium, 100
chrysorrheus, 101
corrugis, 102
deterrimus, 104
 Fragrant, 99
gerardii, 105
glabripes, 106
 Gray-brown, 106
griseus, 106
luteolus, 107
mutabilis, 108
ocultatus, 109
piperatus, 110
quietus, 111
 Spruce Saffron, 104
 Sulphur-milk, 112
theiogalus, 112
thejogalus, 112
vinaceorufescens, 113
volemus, 114
volemus var. *subrugosus*, 102
Lactarius camphoratus, 99
Lactarius deceptivus, 103
lactea
Conocybe, 44
lacteus
Irpex, 269
lactifluorum
Hypomyces, 350
laeticolor
Clavulinopsis, 332
Ramariopsis, 332
Laetiporus
cinnatus, 271
sulphureus, 271
sulphureus var. *cinnatus*, 271
laeve
Crucibulum, 334
lagopides
Coprinus, 48
lagopus
Coprinopsis, 48
Coprinus, 48
laminosa
Sparassis, 376
 Late Fall Oyster, 152
laterarius
Leucopaxillus, 124
lateritium
Hypholoma, 91
lateritius
Cantharellus, 33
laurocerasi
Russula, 183
Lavender Baeospora, 29
Lavender Baeospora, 29
 Leaflike Oyster, 77
leaiana
Mycena, 142
Leccinellum
albellum, 228
Leccinum
albellum, 228
hortinii, 214
longicurvipes, 216
 Lemon Drops, 317
Lentinellus
bisus, 115
flabeliformis, 115
omphalodes, 115
strigosus, 117
ursinus, 116
Lentinus
 Bear, 116
lepideus, 146
 Scaly, 146
 Stalked, 115
strigosus, 117
Lenzites
betulina, 272
elegans, 273
Leotia
lubrica, 353

lepideus
Lentinus, 146
Neolentinus, 146
Lepiota
acutesquamosa, 118
 American, 120
americana, 120
aspera, 118
naucina, 121
naucinoides, 121
procera, 126
 Reddening, 120
 Red-tinged, 122
rubrotincta, 122
 Sharp-scaled, 118
Lepista
irina, 119
Leptonia
 Saw-toothed, 68
serrulata, 68
Leucoagaricus
americanus, 120
leucothites, 121
naucinoides, 121
naucinus, 121
procerus, 126
rubrotinctus, 122
Leucocoprinus
cepaestipes, 49
procera, 126
Leucopax
 White, 123
Leucopaxillus
albissimus, 123
laterarius, 124
leucothites
Leucoagaricus, 121
levis
Crucibulum, 334
 Ling Chih, 255
 Little Brown, 73
 Little Nest
 Polypore, 288
lobatum
Stereum, 300
 Lobster Fungus, 350
longicurvipes
Boletus, 216
Leccinum, 216
lubrica
Leotia, 353
lucidum
Ganoderma, 255
 Luminescent *Panellus*, 153
luteolus
Lactarius, 107
luteopallens
Mycena, 143
lutescens
Tremella, 382
Lycogala
epidendrum, 394
lycoperdon
Enteridium, 398
Reticularia, 398
Lycoperdon
gemmatum, 355
molle, 354
perlatum, 355
pyriforme, 356
radicatum, 357
Lycophyllum
decastes, 125
Macrolepiota
procera, 126
maculata
Collybia, 177
Rhodocollybia, 177
Marasmiellus
albuscorticis, 127
candida, 127
Marasmius
candidus, 127
capillaris, 128
capillaris, 132
cohaerens, 129
magnisporus, 127
 Orange Pinwheel, 133
 Orange-yellow, 134
oreades, 130
pulcherripes, 131
rotula, 128, 132
siccus, 133
strictipes, 134
 White, 127
marginalis
Galerina, 72
marginata
Humidicutis, 78
Hygrocybe, 78
marginatus
Hygrophorus, 78
Marrasmius
 Pinwheel, 132
 Mayapple Rust, 369
 Meadow Mushroom, 5, 7
Megacollybia
platyphylla, 135
megalocarpus
Syzygites, 379
Melanoleuca
alboflavida, 136
mellea
Armillaria, 26
Armillariella, 26
Meripilus
giganteus, 274
sumstinei, 274
merisma
Trametes, 304
merismoides
Phlebia, 280
merulioides
Boletinellus, 209
Gyrodendron, 209
Merulius
 Coral-pink, 279
incarnatus, 279
 Trembling, 275
tremellosus, 275
mesenterica
Tremella, 382
Metatrachia
vesparium, 395
 Mica Cap, 46
micaceus
Coprinellus, 46
Coprinus, 46
Microglossum
rufum, 358
 Milkcap
 False Saffron, 104
 Peppery, 110
 Milk-white Toothed Polypore, 269
 Milky
 Aromatic, 99
 Buff Fishy, 107
 Corrigated-cap, 102
 Deceptive, 103
 Gerard's, 105
 Peppery, 110
 Voluminous-latex, 114
 Yellow Latex, 113
 Milky Cap
 Apricot, 114
miniata
Hybrocybe, 83
miniatus
Hygrophorus, 83
minor
Cantharellus, 34
Mitrla
elegans, 359
 Mock Oyster, 163
moelleri
Agaricus, 6
molesta
Agrocybe, 8
molestus
Agaricus, 8
molle
Lycoperdon, 354
mollis
Crepidotus, 65
molybdites
Chlorophyllum, 37
morbosea
Apiosporina, 312
morbosum
Dibotryon, 312
Morchella
esculenta, 360
 Morel
 Common, 360
 Yellow, 360
mori
Polyporus, 282
 Mower's Mushroom, 151
mucida
Clavaria, 361
Mucilago
crustacea, 396
mucina
Multiclavula, 361
mucronella
Hybrocybe, 85
Multiclavula
mucida, 361
 Multicolor Gilled Polypore, 272
 Multigoblet Slime Mold, 395
multipedata
Phathyrella, 172
murrayi
Entoloma, 147

muscaria
Amanita, 18
Mushroom
Big Laughing, 75
mutabilis
Kuehneromyces, 94
Lactarius, 108
Pholiota, 94
Mutinus
caninus, 362
elegans, 362
ravenelii, 362
Mycena
acicula, 137
Bleeding, 140
Common, 139
Coral Spring, 137
epipterygia, 138
galericulata, 139
haematopus, 140
inclinata, 141
leaiana, 142
luteopallens, 143
Orange, 142
Pink, 144
pura, 144
stipata, 145
Walnut, 143
Yellow-stalked, 138
Mycoacia
fragilissima, 267
myomyces
Tricholoma, 196
myosura
Baeospora, 28
myriadophylla
Baeospora, 29
Collybia, 29
Naematoloma
capnoides, 89
fasciculare, 90
sublateritium, 91
naucina
Lepiota, 121
naucinoides
Lepiota, 121
Leucoagaricus, 121
naucinus
Leucoagaricus, 121
Navel Sawgill, 115
Neolecta
irregularis, 363
Neolentinus
lepideus, 146
Nestcap, 163
nidulans
Hapalopilus, 259
Inonotus, 259
Phyllotopsis, 163
Polyporus, 259
nigricans
Russula, 185
nitidus
Hybrocybe, 87
Hygrophorus, 87
nivea
Hygrocybe, 86
niveus
Hygrophorus, 86
Nolanea
iveus, 147
quadrata, 148
salmonea, 148
stricta, 69
strictior, 69
verna, 70
Yellow, 147
Northern Tooth, 333
nucleata
Exidia, 342
Numulariola
petersii, 322
Oak Crust
Bleeding, 299
Oak Polypore
Thick-maze, 248
Warted, 292
ochraceum
Steccherinum, 297
Ochre Jelly Club, 353
Ochre Toothed Mushroom, 297
ochroleucoides
Russula, 186
ochropurpurea
Laccaria, 96
ocultatus
Lactarius, 109
Old Man of the Woods, 231
Oligoporus
caesius, 289
fragilis, 290
olivacea
Hydnochaete, 266
Omphalia
campanella, 202
strombodes, 38
omphalodes
Lentinellus, 115
Omphalopsis
campanella, 202
Omphalotus
illudens, 149
Onion Stalk, 49
Onnia
tomentosa, 276
Orange Bonnet, 137
Orange Earth Tongue, 358
Orange Jelly, 338
Orange Mycena, 142
Orange Pinwheel Marasmius, 133
Orange Spindle Coral, 331
Orange-gilled Waxy Cap, 78
Orange-yellow Marasmius, 134
oreades
Marasmius, 130
ornatipes
Boletus, 230
Retiboletus, 230
ostrea
Stereum, 300
ostreatus
Pleurotus, 165
Oudemansiella
radicata, 205
Oxydontia
fragilissima, 267
Oyster
Bitter, 153
Late Fall, 152
Leaflike, 77
Mock, 163
Veiled, 164
Oyster Mushroom, 165
Oysterette
White, 36
Pachyella
clypeata, 364
pallidum
Tremellodendron, 383
pallidus
Boletus, 217
palmaris
Dacrymyces, 338
Panaeolina
foeniseeii, 151
Panaeolinus
campanulatus, 150
foeniseeii, 151
Panaeolus
Bell-cap, 150
papilionaceus, 150
retirugis, 150
sprianctrinus, 150
Panellus
Luminescent, 153
serotinus, 152
stipticus, 153
panuoides
Paxillus, 195
Tapinella, 195
Panus
Hairy, 117
Ruddy, 117
rudis, 117
stypticus, 153
papilionaceus
Panaeolus, 150
paragemenus
Polyporus, 308
parasiticus
Boletus, 372
Parasol
Japanese, 154
Smooth, 121
Parasol Mushroom, 126
Parasola
plicatilis, 154
Parchment
Crowded, 298
Silky, 301
parcivolvata
Amanita, 19
pardinum
Tricholoma, 197
Parrot Mushroom, 84
Parrot Waxy Cap, 84
Pax
Velvet-footed, 194
Paxillus
atrotomentosus, 194
involutus, 155
panuoides, 195
Poisonous, 155
Velvet, 194

Pear-shaped Puffball, 356
 Peniophora spp, 382
 Peppery Milkcap, 110
 Peppery Milky, 110
perennis
 Coltricia, 246
Peridoxylon
 petersii, 322
perlatum
 Lycoperdon, 355
petaloides
 Hohenbuehelia, 77
petersii
 Bolinia, 322
 Camarops, 322
 Numulariola, 322
 Peridoxylon, 322
Peziza
 atrovinosa, 365
 chlora, 325
 scutellina, 374
Phaeocalicium
 polyporaeum, 366
Phaeolus
 schweinitzii, 277
Phallus
 ravenelii, 367
Phanerochaete chrysorhiza, 267
Phathyrella
 piluliformis, 173
 Pheasant's-back Polypore, 286
Phellinus
 igniarius, 278
Phlebia
 incarnata, 279
 merismoides, 280
 radiata, 280
 tremellosa, 275
Pholiota
 adiposa, 158
 alnicola, 156
 astragalina, 157
 aurivella, 158
 Bitter, 157
 Changeable, 94
 Golden, 158
 granulosa, 159
 mutabilis, 94
 praecox, 9
 squarrosa-adiposa, 158
 squarrosoides, 160
 terrestris, 161
Phylloporus
 rhodoxanthus, 162
Phyllotopsis
 nidulans, 163
 subnitulans, 163
Physarum
 polycephalum, 397
pictus
 Boletinus, 234
 Suillus, 234
 Pigskin Puffball, 372
pila
 Bovista, 318
piluliformis
 Phathyrella, 173
pinicola
 Fomitopsis, 253
 Pink Mycena, 144
pinorigidus
 Suillus, 236
 Pinwheel Marrasmius, 132
Pipe-cleaner Slime Mold, 399
piperatus
 Lactarius, 110
placomycetes
 Agaricus, 6
platyphylla
 Magacollybia, 135
 Tricholomopsis, 135
Pleurotus
 candidissimus, 36
 dryinus, 164
 ostreatus, 165
plicatilis
 Coprinus, 154
 Parasola, 154
Plicaturopsis
 crispa, 166
plumbeoviolaceus
 Tylopilus, 239
 Plums and Custard, 200
Pluteus
 admirabilis, 167
 atricapillus, 168
 cervinus, 168
 Yellow, 167
podophylli
 Puccinia, 369
 Poison Pie, 76
 Poisonous Paxillus, 155
polycephalum
 Physarum, 397
polymorpha
 Xylaria, 386
polyporaeum
 Phaeocalicium, 366
 Polypore
 Bay-brown, 295, 296
 Blackfoot, 287
 Black-staining, 274
 Blue Cheese, 289
 Cinnabar, 294
 Cinnamon, 246
 Cryptic Globe, 247
 Dye, 277
 Elegant, 287
 Flecked-flesh, 278
 Gilled Multicolor, 272
 Hexagonal-pored, 282
 Lacquered, 255
 Little Nest, 288
 Milk-white Toothed, 269
 Pheasant's-back, 286
 Purple Toothed, 307, 308
 Red-belted, 253
 Resinous, 270
 Rosy, 252
 Shiny Cinnamon, 245
 Smoky, 243
 Spring, 283
 Staining Cheese, 290
 Tender Nesting, 259
 Thick-maze Oak, 248
 Thin-maze Flat, 249
 Tinder, 251
 Veiled, 247
 Violet Toothed, 308
 Warted Oak, 292
 White Cheese, 309
 Winter, 284
 Wooly Velvet, 276
 Yellow-red Gill, 257
Polyporus
 admirabilis, 281
 alveolaris, 282
 arcularius, 283
 badius, 295
 brumalis, 284
 craterellus, 285
 dryadeus, 292
 elegans, 287
 mori, 282
 nidulans, 259
 paragamenus, 308
 pubescens, 304
 schweinitzii, 277
 squamosus, 286
 sulphureus, 271
 tomentosus, 276
 tulipifera, 269
 varius, 287
 versicolor, 305
 polypyramis
 Amanita, 20
 polyrhizon
 Scleroderma, 373
 polyrhizum
 Scleroderma, 373
 Polystictus
 versicolor, 305
 porioides
 Ceratiomyxa, 391
 Poronidulus
 conchifer, 288
 porphyria
 Amanita, 21
 Postia
 caesia, 289
 fragilis, 290
 praecox
 Agrocybe, 9
 Pholiota, 9
 privignus
 Cortinarius, 57
 procera
 Lepiota, 126
 Leucocoprinus, 126
 Macrolepiota, 126
 procerus
 Leucoagaricus, 126
 Psalliota
 campestris, 5
 Psathyrella
 candolleana, 169
 Clustered, 173
 Common, 169
 delineata, 170
 gracilis, 171
 hydrophila, 173
 multipedata, 172
 septentrionalis, 174
 Suburban, 169

velutina, 98
 Velvety, 98
Pseudochaete
 tabacina, 291
Pseudocolus
 fusiformis, 368
Pseudoinonotus
 dryadeus, 292
Psilocybe
 coprophila, 175
 Dung-loving, 175
 foenisecii, 151
psittacina
 Hygrocybe, 84
psittacinus
 Hygrophorus, 84
pubescens
 Trametes, 304
pubescens
 Boletus, 304
pubescens
 Coroilus, 304
pubescens
 Polyporus, 304
Puccinia
 podophylli, 369
 Puffball
 Common, 355
 Earthstar, 373
 Gem-studded, 355
 Pear-shaped, 356
 Pigskin, 372
 Purple-spored, 321
 Smooth, 354
 Tumbling, 318
 Vase-shaped, 321
Pulcherricium
 caeruleum, 380
pulcherripes
 Marasmius, 131
pulchra
 Clavaria, 332
 Russula, 187
pulchrifolius
 Cortinarius, 58
pulverulentus
 Boletus, 218
punctipes
 Suillus, 235
pura
 Mycena, 144
 Purple Gilled *Laccaria*, 96
 Purple Jelly Drops, 314
 Purple Toothed Polypore, 307, 308
 Purple-red Bolete, 225
 Purple-spored Puffball, 321
purpureomarginatum
 Callistosporium, 30
purpureum
 Chondrostereum, 326
 Stereum, 326
purpurinus
 Gyroporus, 227
Pycnoporus
 cinnabarinus, 294
Pyncoporellus
 fulgens, 293
pyriforme
 Lycoperdon, 356
pyxidata
 Clavicornia, 313
pyxidatus
 Artomyces, 313
quadrata
 Nolanea, 148
quadrifidus
 Coprinus, 52
quercina
 Daedalea, 248
 Trametes, 304
quietus
 Lactarius, 111
radiata
 Phlebia, 280
radicata
 Bovistella, 357
 Oudemansiella, 205
radicatum
 Lycoperdon, 357
Ramaria
 aurea, 370
 formosa, 371
Ramariopsis
 laeticolor, 332
 Ravenel's Stinkhorn, 367
ravenelii
 Mutinus, 362
 Phallus, 367
reali
 Hybrocybe, 85
 Hygrophorus, 85
recisa
 Exidia, 343
 Red Cushion Hypoxylon, 351
 Red Raspberry Slime, 401
 Red-belted Polypore, 253
 Reddening Lepiota, 120
 Reddish-brown Crust, 291
 Red-gilled Cort, 60
 Red-tinged Lepiota, 122
remeale
 Stereum, 298
repandum
 Dentinum, 268
 Hydnum, 268
resinosum
 Ischnoderma, 270
 Resinous Polypore, 270
Resupinatus
 applicatus, 176
Retiboletus
 griseus, 229
 ornatipes, 230
Reticularia
 lycoperdon, 398
retipes
 Boletus, 230
retirugis
 Panaeolus, 150
Rhodocollybia
 maculata, 177
rhodoxanthus
 Phylloporus, 162
 Ringless Honey Mushroom, 27
robusta
 Clitocybe, 41
 Rooted Collybia, 205
 Rosy Polypore, 252
rotula
 Marasmius, 132
Royoporus
 badius, 295
 Rubber Cap
 Hairy, 344
rubellus
 Boletus, 219
 Xerocomus, 219
rubescens
 Amanita, 22
rubicundula
 Clavaria, 327
rubinellus
 Boletus, 225
 Cgalciporus, 225
rubrobrunneus
 Tylophilus, 240
rubrotincta
 Lepiota, 122
rubrotinctus
 Leucoagaricus, 122
 Ruddy Panus, 117
rudis
 Panus, 117
rufa
 Bulgaria, 344
 Galiella, 344
rufum
 Microglossum, 358
rugosoannulata
 Stropharia, 193
rusosa
 Clavulina, 330
Russula
 albidula, 178
 Almond-scented, 183
 atropurpurea, 190
 Blushing, 185
 brevipes, 179
 Compact, 180
 compacta, 180
 Crab, 190
 crustosa, 181
 decolorans, 182
 Firm, 180
 grata, 183
 Green, 184
 Green Quilt, 181, 189
 laurocerasi, 183
 Matt Yellow, 186
 nigricans, 185
 ochroleuroides, 186
 pulchra, 187
 Red, 188
 Shellfish-scented, 190
 Short-stemmed, 179
 virescens, 189
 xerampelina, 190
 Rust
 Cedar-Apple, 346
 Jack-in-the-pulpit, 384
 Mayapple, 369
rutilans
 Hapopilus, 259
 Tricholomopsis, 200

Salmon Unicorn Entoloma, 148
salmonea
 Nonalea, 148
salmonium
 Entoloma, 148
salmonicolor
 Suillus, 236
sanguineus
 Cortinarius, 59
Sarcodon
 scabrosus, 296
sarcoides
 Ascocoryne, 314
Sarcomyxa
 serotina, 152
 Satyr's Beard, 261
 Sawgill
 Navel, 115
scabrosum
 Hydnum, 296
scabrosus
 Sarcodon, 296
 Scaly Inky Cap, 52
 Scaly Lentinus, 146
 Scaly Mushroom
 Honey, 160
 Scarlet Waxy Cap, 80
Schizophyllum
 commune, 191
schweinitzii
 Phaeolus, 277
 Polyporus, 277
 Tremellodendron, 383
Scleroderma
 aurantium, 372
 citrinum, 372
 Earthstar, 373
 geaster, 373
 polyrhizon, 373
 polyrhizum, 373
 vulgare, 372
 Scrambled-egg Slime, 392
scutellata
 Scutellinia, 374
scutellina
 Peziza, 374
Scutellina
 erinaceus, 375
Scutellinia
 scutellata, 374
 setosa, 375
semisanguineus
 Cortinarius, 60
sepiarium
 Gloeophyllum, 257
septentrionale
 Hydnum, 333
 Steccherinium, 333
septentrionalis
 Climacodon, 333
 Psathyrella, 174
septica
 Fuligo, 392
serotina
 Sarcomyxa, 152
serotinus
 Panellus, 152
serratifolium
 Tricholoma, 198
serrulata
 Leptonia, 68
serrulatum
 Entoloma, 68
setosa
 Scutellinia, 375
 Shaggy Mane, 50
 Sharp-scaled Lepiota, 118
 Shelving Tooth, 333
 Shiny Cinnamon Polypore, 245
 Short-stemmed Russula, 179
siccus
 Marasmius, 133
 Silky Parchment, 301
silvaticus
 Agaricus, 7
 Silver Hand, 398
 Silver Leaf Fungus, 326
 Silvery-violet Cort, 53
sinzapizans
 Hebeloma, 76
 Slime
 Coral, 390, 391
 Red Raspberry, 401
 Scrambled-egg, 392
 Slime Mold
 Common, 397
 Pipe-cleaner, 399
 Slippery Jack
 American, 232
 Slippery Jill, 236
 Small Staghorn, 319
 Smoky Polypore, 243
 Smoky Worm Coral, 327
 Smooth Parasol, 121
 Smooth Puffball, 354
 Snow White Waxy Cap, 86
 Solitary Lepidella, 12
Sparassis
 crispa var *laminosa*, 376
 herbstii, 376
 laminosa, 376
 spathulata, 377
spathularia
 Dacryopinax, 339
Spathularia
 velutipes, 378
Spathulariopsis
 velutipes, 378
spathulata
 Sparassis, 377
spectabilis
 Gymnopilus, 75
 Spicy Suillus, 235
 Spindle Coral
 Orange, 331
 Spine
 Sweet, 265
 Splash-cup Birds Nest, 336
 Split Gill, 191
spongiosipes
 Hydnellum, 264
 Spongy Foot, 264
 Spotted Collybia, 177
spraguei
 Boletus, 212
 Suillus, 234
Sprangueola
 irregularis, 363
 Spreading Yellow Tooth, 267
sprianctrinus
 Panaeolus, 150
 Spring Agrocybe, 9
 Spring Entoloma, 70
 Spring Polypore, 283
 Spruce Saffron Lactarius, 104
squamosus
 Polyporus, 286
squarrosa-adiposa
 Pholiota, 158
squarrosoides
 Boletinus, 224
 Pholiota, 160
 Staghorn
 Small, 319
 Staining Cheese Polypore, 290
 Stalked Lentinus, 115
 Star Earthball, 373
Steccherinium
 septentrionale, 333
Steccherinum
 ochraceum, 297
Stemonitis sp, 399
stercoreus
 Cyathus, 336
Stereum
 complicatum, 298
 fasciatum, 300
 frustulosum, 310
 gausapatum, 299
 lobatum, 300
 ostrea, 300
 purpureum, 326
 remeale, 298
 striatum, 301
 verticolor, 300
 Sticky Violet Cort, 56
 Stinkhorn
 Eastern, 367
 Ravenel's, 367
 Stinkhorn, 362
 Stinky Squid, 368
stipata
 Mycena, 145
stipticus
 Panellus, 153
 Straight-stalked Entoloma, 69
 Streaked Birds Nest, 337
striatum
 Stereum, 301
striatus
 Cyathus, 337
stricta
 Nolanea, 69
strictior
 Agaricus, 69
 Entoloma, 69
 Nolanea, 69
strictipes
 Collibia, 134
 Gymnopus, 134
 Marasmius, 134
strictus
 Entoloma, 69
strigosus

Lentinellus, 117
Lentinlus, 117
strobilaceus
Strobilomyces, 231
Strobilomyces
confusus, 231
floccopus, 231
strobilaceus, 231
strombodes
Chrysomphalina, 38
Clitocybe, 38
Gerronema, 38
Omphalia, 38
Stropharia
bilamellata, 192
coronilla, 192
rugosoannulata, 193
Wine-cap, 193
stypticus
Panus, 153
suaveolens
Hydnellum, 265
subconnexa
Clitocybe, 42
sublateritium
Hypholoma, 91
Naematoloma, 91
subluteus
Suillus, 236
subnitulans
Phyllotopsis, 163
subvelutipes
Boletus, 220
Suillus
americanus, 232
castanellus, 224
Chicken-fat, 232
cothurnatus, 236
Granular-dotted, 233
granulatus, 233
pictus, 234
pinorigidus, 236
punctipes, 235
salmonicolor, 236
Spicy, 235
spraguei, 234
subluteus, 236
Sulphur Shelf, 271
Sulphur Tuft, 90
sulphureus
Laetiporus, 271
Polyporus, 271
sulphureus var. *cinnamatus*
Laetiporus, 271
Sulphur-milk Lactarius, 112
sunstinei
Meripilus, 274
Swamp Beacon, 359
Sweet Spine, 265
Syzygites
megalocarpus, 379
tabacina
Pseudochaete, 291
tabacina
Hymenochaete, 291
tabescens
Armillaria, 27
Tapinella
atrotomentosa, 194
panuoides, 195
Tawny Grisette, 15
Tender Nesting Polypore, 259
tenera
Conocybe, 45
Terana
caerulea, 380
terreii
Cystoderma, 66
terrestris
Pholiota, 161
Thelephora, 302
terreum
Tricholoma, 196
theiogalus
Lactarius, 112
thejogalus
Lactarius, 112
Thelephora
terrestris, 302
Thick-maze Oak Polypore, 248
Thin-maze Flat Polypore, 249
Tinder Polypore, 251
Tippler's Bane, 47
tomentosa
Onnia, 276
tomentosus
Inonotus, 276
Polyporus, 276
Tooth
Bear's Head, 260
Bearded, 261
Northern, 333
Shelving, 333
Spreading Yellow, 267
Zonate, 263
Toothed Mushroom
Ochre, 297
Toothed Polypore
Milk-white, 269
tortilis
Laccaria, 97
Trametes
cervina, 306
conchifer, 288
elegans, 273
hirsuta, 303
merisma, 304
pubescens, 304
quercina, 304
velutina, 304
versicolor, 305
Trametopsis
cervina, 306
Tree-Ear, 315
Trembling Merulius, 275
Tremella
foliacea, 381
lutescens, 382
mesenterica, 382
Tremellodendron
pallidum, 383
schweinitzii, 383
tremellosa
Phlebia, 275
tremellosus
Merulius, 275
Trichaptum
abietinum, 307
biforme, 308
Trichia
decipiens, 400
Tricholoma
Earth-gray, 196
myomyces, 196
pardinum, 197
serratifolium, 198
terreum, 196
Tricholomopsis
decora, 199
platyphylla, 135
rutilans, 200
Trumpets
Black, 62
tsugae
Ganoderma, 256
Tubaria
Fringed, 201
furfuracea, 201
tuberosa
Collybia, 43
Tuberous Collybia, 43
Tubifera
ferruginosa, 401
tulipifera
Polyporus, 269
Tumbling Puffball, 318
Turkey-tail, 305
False, 300
Tylophilus
alboater, 237
felleus, 238
plumbeoviolaceus, 239
rubrobrunneus, 240
Tyromyces
caesius, 289
chioneus, 309
fragilis, 290
umbonata
Amanita, 17
unicolor
Cerrena, 244
Uromyces
ari-triphylli, 384
ursinus
Lentinellus, 116
vaginata
Amanita, 23
variegates
Coprinus, 52
variipes
Boletus, 221
varius
Polyporus, 287
Varnish Cap, 256
Varnish Shelf, 256
Vase-shaped Puffball, 321
Veiled Oyster, 164
Veiled Polypore, 247
velutina
Lacrimaria, 98
Psathyrella, 98
Trametes, 304
velutinum
Hypholoma, 98

velutipes
Collybia, 71
Flammulina, 71
Spathularia, 378
Spathulariopsis, 378
Velvet Blue Spread, 380
Velvet Paxillus, 194
Velvet Polypore
Woolly, 276
Velvet Shank, 71
Velvet-footed Pax, 194
Velvety Fairy Fan, 378
Velvety Psathyrella, 98
ventricosa
Catathelasma, 35
ventricosum
Catathelasma, 35
vermicularis
Clavaria, 328
vermiculosoides
Boletus, 222
vermiculosus
Boletus, 223
verna
Nolanea, 70
vernum
Entoloma, 70
versicolor
Coriolus, 305
Polyporus, 305
Polystictus, 305
Stereum, 300
Trametes, 305
versiforme
Chlorosplenium, 324
versiformis
Chlorencoelia, 324
vesparium
Metatrachia, 395
vinaceorufescens
Lactarius, 113
violaceus
Cortinarius, 61
Violet Cort, 61
Violet Toothed Polypore, 308
virescens
Russula, 189
virginia
Hygrocybe, 86
virginus
Hygrophorus, 86
viridiflavus
Boletus, 207
virosa
Amanita, 24
volemus
Lactarius, 114
volemus var. subrugosus
Lactarius, 102
Voluminous-latex Milky, 114
volvatus
Cryptoporus, 247
vulgare
Crucibulum, 334
Scleroderma, 372
Walnut Mycena, 143
Warted Oak Polypore, 292
Wasp Nest Slime Mold, 395
Waxy Cap
Bitter, 85
Chanterelle, 79
Fading Scarlet, 83
Golden, 82
Nestled, 87
Orange-gilled, 78
Parrot, 84
Scarlet, 80
Snow White, 86
White Cheese Polypore, 309
White Green-algae Coral, 361
White Jelly Fungus, 345
White Oysterette, 36
White Worm Coral, 328
White-egg Birds Nest, 334
Wine-cap Stropharia, 193
Winter Polypore, 284
Witch's Hat, 81
Witches' Butter, 382
Wolf's Milk, 394
Woodcrust
Coral, 279
Gelatinous, 275
Woolly Velvet Polypore, 276
Worm Coral
Smoky, 327
White, 328
Wrinkled Crust, 280
Xanthoconium
affine, 241
xerampelina
Russula, 190
Xerocomus
hortinii, 214
rubellus, 219
Xeromphalina
campanella, 202
cauticinalis, 203
kauffmanii, 204
Xerula
furfuracea, 205
Xylaria
hypoxylon, 385
polymorpha, 386
Xylobolus
frustulatus, 310
Yellow Blusher, 14
Yellow Cushion Hypocrea, 347
Yellow Fairy Cups, 317
Yellow Jelly Baby, 353
Yellow Latex Milky, 113
Yellow Morel, 360
Yellow Nolanea, 147
Yellow Patches, 13
Yellow Pluteus, 167
Yellow Tooth
Spreading, 267
Yellow-red Gill Polypore, 257
Yellow-stalked Mycena, 138
Yellow-tipped Coral, 371
Zonate Tooth, 263