

Taxonomy for the ATBI Fungi Project

Organism Group: Mushroom-Producing Fungi - 2014

Family	Genus	Epithet + Subspecies + Author	(Common Name)	Site Count
Aceraceae				
	Acer	species (Maple species)		34
Agaricaceae				
	Agaricus	species (Fleshy cap mushroom)		2
	Crucibulum	laeve - (Huds.) Kambly (1936)[1 - (Splash cup fungus)		3
Amanitaceae				
	Amanita	ravenelii - (Burk. & Broome) Sacc. - (Amanita mushroom)		2
		vaginata - (Bull.) Lam. - (Amanita mushroom)		3
		rubescens - Pers. - (Blusher)		2
		peckiana - Kauffman 1913 - (Glue cap)		2
		parcivolvata - (Peck) J.E. Gilbert - (Flimsy Veil mushroom)		1
		flavaconia - G.F.Atk. - (Yellow Patches)		4
		farinosa - Schwein. - (Mealy cap mushroom)		1
		elongata - Peck - (Amanita mushroom)		1
		bisporigera - G.F. Atk. - (Amanita mushroom)		1
		species (Amanita mushroom)		1
	Amanitopsis	fulva - (Pers.) W.G. Sm. - (Tawny grisette mushroom)		2
		vaginata - (Bull.) Roze - (Grisette mushroom)		3
Aquifoliaceae				
	Ilex	species (Holly species)		1
Auriscalpiaceae				
	Artomyces	pyxidatus - (Pers.) Jülich - (Fungus)		3
Betulaceae				
	Betula	species (Birch species)		20
	Carpinus	caroliniana - Walter - (American hornbeam)		5
Boletaceae				
	Boletus	rubropunctatus - Raddi - (Red-dot mushroom)		1
		illudens - Peck -		1
		campestris - A.H. Smith & Thiers - (Redcap boletus mushroom)		2

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		auriporus - Peck - (Boletus mushroom)		1
	Gyroporus			
		castaneus - (Bull.) Qué. - (Chestnut Bolete)		2
	Strobilomyces			
		floccopus - (Vahl) P. Karst. - (Old-man-of-the-woods fungus)		1
	Tylopilus			
		indecisus - (Peck) Murrill - (Question bolete mushroom)		1
Cantharellaceae				
	Cantharellus			
		appalachiensis - R.H. Petersen - (Appalachian chanterelle mushroom)		3
		cibarius - Fr. - (Chanterelle mushroom)		1
		cinnabarinus - (Schwein.) Schwein. - (Cinnabar-red Chanterelle)		1
Clavariaceae				
	Clavaria			
		zollingeri - Lév. - (Purple Coral)		2
		aurantio-cinnabarina - Schwein. - (Coral fungus)		3
		fusiformis - Sowerby - (Yellow coral fungus)		5
		rubicundula - Leathers - (Red coral fungus)		1
		vermicularis - J.F. Gmel. - (White worm coral fungus)		2
	Clavulinopsis			
		fusiformis - (Sowerby) Corner - (Coral Fungi)		1
		aurantiocinnabarina - (Schwein.) Corner - (Sac Fungi)		2
Clavicipitaceae				
	Hypocrella			
		luteola - Hywel-Jones & Mongkolsamrit - (Pimple fungus)		1
Clavulinaceae				
	Clavulina			
		species - J.Schröt. (1888) - (Branched mushroom)		1
Cordycipitaceae				
	Ophiocordyceps			
		melolonthae - (Tul. & C. Tul.) G.H. Sung, J.M. Sung - (Fungus)		1
Cornaceae				
	Cornus			
		species (Dogwood species)		1
Corticiaceae				
	Botryobasidium			
		species - Donk - (Corticoid fungus)		1
Cortinariaceae				
	Cortinarius			
		corrugatus - Peck - (Webcap mushroom)		1
	Inocybe			
		calamistrata - (Fr.) Gillet - (Fiberhead mushroom)		1
		species (Fiberhead mushroom)		1

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Crepidotaceae				
	Crepidotus	species (Stumpfoot mushroom species)		1
		alabamensis - Murrill - (Alabama stumpfoot)		2
Cudoniaceae				
	Spathulariopsis	velutipes - (Cooke & Farl. ex Cooke) Maas Geest. - (Fungus)		1
Dacrymycetaceae				
	Calocera	cornea - (Batsch) Fr. - (Jelly fungus)		1
	Dacrymyces	chrysospermus - Berk. & M.A. Curtis - (Jelly fungus)		1
		chrysospermus - Berk. & M.A. Curtis - (Jelly fungus)		1
		palmatum - Bres. - (Orange Jelly fungus)		3
Diatrypaceae				
	Eutypa	spinosa - (Pers.) Tul. & C. Tul. - (Sac Fungi)		1
Entolomataceae				
	Clitopilus	prunulus - (Scop.) P. Kumm. - (Sweetbread mushroom)		1
	Entoloma	strictius - (Peck) Sacc. - (Fungus)		1
		species (Pinkgill mushroom species)		1
	Leptonia	serrulata - (Fr.) P. Kumm. - (Fungus)		1
		fulva - P.D. Orton - (Fungus)		1
	Nolanea	quadrata (Salmon-colored Nolanea)		1
Ericaceae				
	Kalmia	latifolia (Mountain Laurel)		1
	Rhododendron	species (Rhododendron species)		5
Exidiaceae				
	Ductifera	puhuluanha - (Patouillard) Wells - (Fungus)		1
Fagaceae				
	Fagus	species (Beech species)		17
	Quercus	species (Oak species)		21
Geoglossaceae				
	Leotia			

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		viscosa - Fr. - (Green-headed Jelly Club)		1
		lubrica - (Scop.) Pers. - (Jelly Babies)		2
Gomphaceae				
	Gloeocantharellus			
		purpurascens - (Hesler) Singer - (Indian Creek mushroom)		2
	Gomphus			
		floccosus - (Schweinitz) Singer - (Scaly chanterelle)		2
	Lentaria			
		byssiseda - Corner - (Fungus)		1
Hamamelidaceae				
	Liquidambar			
		species (Sweetgum species)		2
Helotiaceae				
	Tatraea			
		macrospora - (Peck) Baral - (Long-spore wood fungus)		1
Helotiales_family				
	Microglossum			
		viride - (Persoon) Gillet - (Fungus)		1
Hippocastanaceae				
	Aesculus			
		species (Buckeye species)		2
Hydnaceae				
	Hydnellum			
		spongiosipes - (Peck) Pouzar - (Spine fungus)		1
Hygrophoraceae				
	Hygrocybe			
		cantharellus - (Schwein.) Murrill - (Waxycap mushroom)		4
		cantherellus - (Schwein.) Murrill (1911) - (Waxycap mushroom)		1
		conica - (Schaeff.) P. Kumm. - (Waxycap fungus)		1
		flavescens - (Kauffman) Singer - (Golden Waxy Cap)		3
		laeta - (Pers.) P. Kumm. - (Pinkgill waxycap mushroom)		1
		miniata - (Fr.) P. Kumm. - (Vermilion waxycap fungus)		1
		appalachianensis - (Hesler & A.H. Sm.) Kronaw. - (Waxycap fungus)		2
		marginata - (Peck) Murrill - (Orange-gill waxycap)		2
	Hygrophorus			
		flavescens - (Kauffman) A.H. Sm. & Hesler - (Waxycap mushroom)		1
Hymenochaetaceae				
	Coltricia			
		cinnamomea - (Jacq.) Murrill - (Shiny Cinnamon Polypore)		1
Hypocreaceae				
	Hypomyces			
		luteovirens - (Fr.) Tul. & C. Tul. - (Green mushroom pimple)		2
		lactifluorum - (Schwein.) Tul. & C. Tul. - (Lobster Mushroom)		1

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		chrysospermus - Tul. & C.Tul. (1860) -	(Parasitic asco fungus)	1
Juglandaceae				
	Carya	species (Hickory species)		13
Lycoperdaceae				
	Lycoperdon	perlatum - Pers. -	(Devils Snuff-box)	4
Magnoliaceae				
	Liriodendron	species - L. -	(Poplar species)	16
		tulipifera (Yellow poplar)		2
	Magnolia	species (Magnolia species)		3
Marasmiaceae				
	Megacollybia	rodmani - J.L. Mata, Aime & T.W. Henkel -	(Fungus)	2
		species - Kotlába & Pouzar -	(Fungus)	1
Moniliaceae				
	Paecilomyces	tenuipes - (Peck) Samson -	(Nematode fungus)	1
Mycenaceae				
	Mycena	haematopus - (Pers.) P. Kumm. -	(Bleeding fairy helmet mushroom)	1
		leaiane - (Berk.) Sacc. (1891) -	(Orange Mycena)	1
		species (Fairy helmet fungus species)		4
Nidulariaceae				
	Cyathus	striatus - (Huds.) Willd. (1787) -	(Streaked bird nest fungus)	1
Oleaceae				
	Fraxinus	species (Ash species)		3
Omphalotaceae				
	Marasmiellus	opacus - (Berk. & M.A. Curtis) Singer -	(Wasting mushroom)	2
		candidus - (Bolt.) Singer -	(Wasting mushroom)	4
		praeacutus - (Ellis) Halling -	(Wasting mushroom)	4
	Mycetinis	opacus - (Berk. & M.A. Curtis) A.W. Wilson & Desjardin -	(White spore mushroom)	1
Paxillaceae				
	Paxillus	involutus - (Batsch) Fr. -	(Fungus)	1

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Peltigeraceae				
	Peltigera	evansiana - Gyelnik -	(Lichenized fungus)	1
Pezizaceae				
	Peziza	species (Cup fungus species)		1
		repanda - Pers. -	(Cup fungus)	1
	Scutellinia	scutellata	(Eyelash cup mushroom)	3
Pinaceae				
	Picea	species - A. Dietr. -	(Spruce species)	9
		rubens	(Red spruce)	2
	Pinus	species (Pine species)		19
	Tsuga	species (Hemlock species)		33
		canadensis	(Eastern hemlock)	1
Platanaceae				
	Platanus	occidentalis	(Sycamore)	2
Pluteaceae				
	Pluteus	cervinus - (Schaeff.) P. Kumm. -	(Deer Mushroom)	1
		longistriatus - (Peck) Peck -	(Roof mushroom)	1
	Volvariella	taylori - (Berk. & Broome) Singer -	(Sheath mushroom)	1
Polyporaceae				
	Bjerkandera	adusta - (Willd.) P. Karst. -	(Smoky polypore fungus)	1
	Bondarzewia	berkeleyi - (Fr.) Bondartsev & Singer -	(Berkeley's polypore mushroom)	1
	Ceriporiopsis	species (Pore Fungus)		1
	Cyclomyces	greenei - (Berk.) Murrill -	(Fungus)	1
	Fomitopsis	pinicola - (Sw.) P. Karst. -	(Redbelt shelf fungus)	1
	Ganoderma	applanatum - (Pers.) Pat. -	(Artist Conk)	1
		tsugae - Murrill -	(Polypore fungus)	1
	Microporellus	obovatus - (Jungh.) Ryvarden -	(Fungus)	1

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	Phaeolus			
		schweinitzii - (Fr.) Pat. - (Fungus)		2
	Phellinus			
		gilvus - (Schwein.) Pat. - (Wood fungus)		2
	Polyporus			
		elegans - Bull. - (Saddle fungus)		5
	Schizophyllum			
		commune - Fr. - (Splitgill fungus)		3
	Trametes			
		versicolor - (L.) Lloyd - (Turkey Tail)		2
	Trichaptum			
		biforme - (Fr.) Ryvarden - (Fungus)		2
	Tyromyces			
		chionens - (Fr.) P. Karst. - (White Cheese Polypore)		1
Pyronemataceae				
	Otidea			
		kauffmanii - Kanouse - (Fungus)		1
Rickenellaceae				
	Rickenella			
		fibula - (Bull.) Raitelh. - (Tiny Rick mushroom)		1
Rosaceae				
	Prunus			
		species (Cherry species)		2
Russulaceae				
	Lactarius			
		luteolus - Peck - (Milkcap mushroom)		2
		peckii - Burl. 1908 - (Pecks milkcap mushroom)		1
		pyrogalus - (Bull.) Fr. - (Milkcap mushroom)		1
		subvellereus subdistans - Hesler & A. H. Smith - (Milkcap mushroom)		2
		subvellereus v. subdistans - (Fries) Fries - (Fleecy Milky Cap)		4
		volemus - (Fr.) Fr. (1838) - (Weeping Milkcap)		4
		glaucescens - Crossl. - (Milkcap mushroom)		1
		deceptivus - Peck - (Milkcap mushroom)		1
		croceus - Burl. - (Milkcap mushroom)		1
		corrugis - Peck - (Milkcap mushroom)		1
		camphoratus - (Bull.) Fr. - (Milkcap mushroom)		1
		indigo - (Schwein.) Fr. - (Milkcap mushroom)		1
		geradii - (A.H. Sm. & Hesler) Hesler & A.H. Sm. - (Milkcap mushroom)		2
	Russula			
		compacta - Frost - (Compact brittlegill mushroom)		2
		variata - Banning - (Variegated brittlegill mushroom)		2
		species (Brittlegill mushroom)		6
		fragrantissima - Romagn. - (Brittlegill mushroom)		1
		fragrantissima (Stinking brittlegill mushroom)		1

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		crustosa - Peck -	(Brittlepill mushroom)	2
Sarcoscyphaceae				
	Galiella	rufa - (Schwein.) Nannf. & Korf -	(Rufous rubber cup fungus)	3
	Sarcoscypha	occidentalis - (Schwein.) Sacc. -	(Western scarlet cup mushroom)	2
	Wolfina	aurantiopsis - (Ellis) Seaver ex Eckblad -	(Wolfina fungus)	1
	Wynnea	americana - Thaxt. -	(Ear-shaped cup fungus)	1
Sclerodermataceae				
	Scleroderma	citrinum - Pers. -	(Earthball mushroom)	4
Sclerotiniaceae				
	Chlorociboria	aeruginascens - (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Bat -	(Green elfcup mushroom)	2
Stemonitidaceae				
	Stemonitis	axifera - (Bull.) T. Macbr. -	(Wood slime mold)	1
Stereaceae				
	Stereum	gausapatum - (Fr.) Fr. -	(Stereum fungus)	1
		ostrea - (Blume & T. Nees) Fr. -	(False turkeytail fungus)	4
		complicatum - (Fr.) Fr. -	(Leaf fungus)	3
		striatum - (Fr.) Fr. -	(Leaf fungus)	3
Stereocaulaceae				
	Lepraria	species - Ach. -	(Lichen)	1
Strophariaceae				
	Galerina	autumnalis - (Peck) A.H. Sm. & Singer -	(Autumn Skull Cap)	1
Styracaceae				
	Halesia	tetraptera	(Silverbell)	1
Thelephoraceae				
	Thelephora	palmata - (Scop.) Fr. -	(Groundwart fungus)	1
Tiliaceae				
	Tilia	species	(Basswood species)	1
Tremellaceae				

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	Exidia	glandulosa - (Bull.) Fr. -	(Black jelly roll fungus)	1
	Pseudohydnum	gelatinosum - (Scop.) P. Karst. -	(Toothjelly fungus)	1
	Tremella	mesenterica - Retz. -	(Witches butter fungus)	2
	Tremellodendron	pallidum - (Schwein.) Burt -	(False coral fungus)	1
Trichiaceae	Metatrachia	vesparium - (Batsch) Nann.-Bremek. ex G.W. Martin & Alexop -	(Wasp nest slime mold)	1
Tricholomataceae	Cheimonophyllum	candidissimum - (Berk. & M.A. Curtis) Singer -	(Gilled mushroom)	1
	Clitocybe	clavipes - Pers. (P. Kumm.) -	(Clubfoot funnelcap mushroom)	1
	Collybia	acervata - (Fr.) P. Kumm. -	(Clustered coin-cap mushroom)	2
	Gymnopus	confluens - (Pers.) Antonín, Halling & Noordel. -	(White spore mushroom)	1
		dichrous - (Berk. & M.A. Curtis) Halling -	(White spore mushroom)	3
		subnudus - (Ellis ex Peck) Halling -	(White spore mushroom)	1
	Hohenbuehelia	angustata - (Berk.) Singer -	(Agaric fungus)	1
	Humidicutis	marginata - (Peck) Singer -	(Waxcup mushroom)	1
	Laccaria	laccata - (Scop.) Cooke -	(Deceiver fungus)	3
	Lentinellus	castoreus - (Fr.) Kühner & Maire -	(White woodrot fungus)	1
	Marasmius	rotula - (Scop.) Fr. -	(Pinwheel mushroom)	4
		species (Pinwheel mushroom species)		1
	Panellus	stipticus - (Bull.) P. Karst. -	(Wood fungus)	1
	Pleurotus	pulmonarius - (Fr.) Qué. -	(Indian Oyster, Lung Oyster)	3
	Tetrapyrgos	nigripes - (Schwein.) E. Horak -	(Fungus)	1
	Tricholomopsis	decora - (Fr.) Singer -	(Yellow rider mushroom)	2
	Xeromphalina	kauffmanii - A.H. Smith -	(Kauffmans trumpet fungus)	1

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		tenuipes - (Schwein.) A.H. Sm. -	(Trumpet wood mushroom)	1
		campanella - (Batsch) Maire -	(Golden trumpet mushroom)	2
Tuberculariaceae				
	Pleurocolla			
		compressa - (Ellis & Everh.) Diehl -	(Fungus)	2
Ulmaceae				
	Ulmus			
		species (Elm species)		1
Xylariaceae				
	Hypoxyton			
		species (Sac Fungi)		2
	Xylaria			
		polymorpha - (Pers.) Grev. -	(Deadmans Fingers)	2
		magnoliae - J.D. Rogers -	(Dead wood fungus)	2
		persicaria - (Schwein.) Berk. & M.A. Curtis -	(Dead wood fungus)	1
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(Where '_genus', and/or 'species' appears, it means that specimens representing this taxon could not be identified to a lower taxonomic level due to one or more of the following issues: specimens are immature, incomplete, poorly oriented for examination, and/or that additional specimens or methodologies are needed to resolve morphological ambiguities.)