

## CHECKLIST OF INDIANA FUNGI I: MACROFUNGI

Scott T. Bates<sup>1</sup>, Justin Golday, Rachel L. Kunnen<sup>2</sup> and Nathanael J. Pilla<sup>3</sup>: Department of Biological Sciences, Purdue University Northwest, Westville, IN 46391 USA

**ABSTRACT.** A checklist of macrofungi was compiled for Indiana as part of a larger effort to document fungi within the state. Our study compiled records of Indiana fungi from digitized specimen data available online through the Mycology Collections data Portal (<http://mycoportal.org>). These data were supplemented with records from the scientific literature. While several small checklists of Indiana fungi exist, the majority of these being published previously in the Proceeding of the Indiana Academy of Science, our study represents the first to comprehensively compile all the available data on Indiana fungi. Overall, more than 19,000 records of Indiana fungi were examined, with 1410 species of macrofungi being documented in this publication. These species represent 24 fungal orders from two major phyla, with 757 species in this checklist being reported in the literature for the first time here. Our study also recovered records documenting other groups of Indiana fungi, such as microfungi, which will be covered in subsequent publications.

**Keywords:** Ascomycota, Basidiomycota, checklist, Eumycota, fungi, taxonomy

### INTRODUCTION

A wide range of natural communities exist in Indiana, with six general ecoregions recognized by Woods and colleagues (1998): the Eastern Corn Belt Plains, Huron/Erie Lake Plains, Interior Plateau, Interior River Valleys and Hills, Central Corn Belt Plains, and Southern Michigan/Northern Indiana Drift Plains. While over half the land area of the state is now devoted to agriculture (Vilsack & Clark 2012), it was once largely forested, and the previously dominant oak-hickory and beech-maple plant communities persist primarily as isolated stands (Friesner 1936; Clark 1994; Whitaker et al. 2012). Although the majority of agricultural land in Indiana is devoted to row crops (Vilsack & Clark 2012), some areas in the state support a high level of vascular plant diversity. For example, the Indiana Dunes National Lakeshore, encompassing some 6,000 ha, has nearly 1,200 native plant species (Wilhelm 1990) in a mosaic of habitats that include xeric sand dunes, sedge meadows, oak savanna, pannes, bogs, fens, kettle lakes, and mesic prairies. Considering the potential for tight linkages between vascular plants and their fungal counterparts (Van der Heijden et al. 1998), a high level of fungal diversity might also be expected across the state.

<sup>1</sup> *Corresponding author:* Scott T. Bates, 219-785-5577 (phone), [stbates@purdue.edu](mailto:stbates@purdue.edu).

<sup>2</sup> Undergraduate student.

<sup>3</sup> Graduate student.

Members of the kingdom Eumycota (Fungi) are filamentous, or sometimes unicellular, heterotrophic organisms with absorptive nutrition. The diverse forms include mushrooms, rusts, smuts, and yeasts. Many fungal species (e.g., mycorrhizal forms) are essential symbiotic partners of vascular plants, providing them with nutrients such as phosphorus (Bolan 1991), while others are key in cycling carbon through the decay of organic matter (Lindahl et al. 2002). Recent research also suggests fungal pathogens are an increasing threat to the health of animals, plants, and even ecosystems (Fisher et al. 2012). Given this diversity of forms and of ecological roles, it is reasonable to expect fungal diversity to be vast, with estimates ranging from 1.5 to 5.1 million species worldwide (Blackwell 2011). In comparison to this extensive diversity, the number of described species (ca. 100,000) is proportionally low, and understanding of fungal diversity even in temperate regions, such as Indiana, is deficient. At the same time, recent projects aimed at digitizing our natural history collections (e.g., Baird 2010; Conway 2010; Beaman & Cellinese 2012; Blagoderov et al. 2012) have facilitated access to data on organismal diversity. Taking inspiration from these digitization efforts, this study relied largely on digital resources to document our current knowledge of fungal diversity in Indiana.

Over 19,000 digitized records of fungal specimens were examined online in public databases. To supplement these data, we carried out online searches of records of fungi from the state in the

scientific literature. While records of Indiana fungi have been published in the broader literature (e.g., Schmit et al. 1999; Harmon & Latin 2005; Wilson et al. 2014), a wealth of digitized publications (e.g., Van Hook 1911, 1912, 1913, 1916, 1921a, 1921b, 1922, 1924, 1925, 1926, 1928, 1929a, 1929b, 1930, 1935; Jackson 1918, 1921a, 1921b; Anderson & Anderson 1920; Fink & Fuson 1920; Van Hook & Busted 1935) were discovered from the Proceedings of the Indiana Academy of Science, with documentation of fungal diversity in the state beginning with the first published volume (Underwood 1892) and continuing into the twenty-first century (Ruch et al. 2001). This study summarizes the sizable fungal diversity known to exist across Indiana. Due to length, the Indiana fungal checklist will be published in three parts: macrofungi (e.g., bracket fungi, mushrooms, and puffballs), microfungi (e.g., molds and rusts), and lichenized fungi (i.e., lichens) of Indiana.

#### METHODS

The preliminary fungal species list was compiled through a search of Indiana specimens housed in 72 public collections, universities, and natural history museums across the United States and Canada. The specimen records from these institutions are available online through the Mycology Collections data Portal (MyCoPortal, <http://mycoportal.org>). MyCoPortal is the official repository of data for the Macro- and Microfungi Collections Consortia (MaCC and MiCC, respectively) Thematic Collections Networks, digitization efforts funded by the NSF's Advancing Digitization of Biological Collections (ADBC) program. Data from MyCoPortal are served on the World Wide Web using Symbiota software (Gries et al. 2014). Its database currently contains over three million fungal specimen records from around the world, with more records being added daily and digitization efforts funded until 2018. Records obtained from MyCoPortal specimen data have been supplemented with records of Indiana fungi from the scientific literature. A number of historical mycological publications from the Proceedings of the Indiana Academy of Science (Arthur 1897; Lee 1929; Busted 1936; Herre 1944; Cottingham 1947, 1948, 1949, 1950, 1951, 1952, 1954, 1956; Wolf 1972; Evans-Ruhl et al. 1982; Schoknecht 1982; Hyerzyk 1998) were accessed online through the Academy's digital archive (<https://journals.iupui.edu/index.php/ias/index>). Several additional pub-

lications from other journals (Reddick 1907; Cooke 1975; Avis et al. 2006, 2008, 2017; Gurung et al. 2011; Avis 2012; Leacock et al. 2016) were also used in compiling the complete list of Indiana fungi.

In order to verify current taxonomic status and check synonymy for each of the scientific names included in the checklist, the online fungal nomenclature databases MycoBank (<http://www.mycobank.org>) and Index Fungorum (<http://www.indexfungorum.org>) were consulted. The system of classification used here follows that outlined in MycoBank. The taxa included within this checklist of macrofungi generally have fruiting bodies that reach well over a centimeter in height or diameter (though see the discussion below). Each species entry in the checklist is annotated to indicate if the scientific name was sourced from MyCoPortal specimen records and/or a reference from the literature (see the 'Key' below). If the species had not been previously reported in the literature as occurring in Indiana, then the annotation 'NR' indicates a new published record for the state. All statistics (viz., numbers of new records and species) are considered only at the level of species; however, citations for new records are indicated (but not counted) for infraspecific taxa, such as varieties. Infraspecific taxa (e.g., *Helvella macropus* var. *brevis*) were included whenever encountered in databases or the literature and also were listed as the binomial (*Helvella macropus*) when it was not known if other species-level records represented a distinct infraspecific taxon (e.g., *Helvella macropus* var. *macropus*).

#### RESULTS AND DISCUSSION

Over 19,000 records were recovered in MyCoPortal and the scientific literature documenting a wide range of fungi from the state of Indiana (Figs. 1–3). After updating the taxonomic names and checking for synonymy, as well as excluding microfungi, lichens, and slime molds (protozoans traditionally included in mycological collections), 1410 species of macrofungi were recovered. Of these 757 (54%) are reported from Indiana for the first time, adding greatly to our knowledge of fungal diversity in the state. Overall, the species included in this macrofungi checklist represent two major phyla (Ascomycota, Basidiomycota) in the Eumycota. Within these phyla, 24 fungal orders are represented, most abundantly in the Basidiomycota (19 orders containing 1326 species). The complete list of all non-lichenized fungi



Figure 1–3.—Indiana macrofungi. A wide range of fungal diversity can be found within the state of Indiana, including macroscopic fruiting bodies recognizable as (1) mushrooms (*Marasmius* sp.), (2) turkey-tail fungi (*Trametes* sp.), and (3) stink horns (*Mutinus* sp.).

is being made available online through the MyCoPortal (<http://mycoportal.org>, see the Macrofungi of North America: Regions research checklist page), and will be updated regularly as more data become available.

Numerous basidiomycetous corticioid fungi (e.g., *Botryobasidium*, *Corticium*, *Ramaricium*, *Septobasidium*, *Subulicystidium*, *Tulasnella*), having little topology but growing to cover a large area, are included among the macrofungi following mycological tradition. Again following tradition, ascomycetous fungi recorded from Indiana (e.g., *Hypoxyton*, *Kretzschmaria*, *Rosellinia*) with perithecial ascomata (viz., pyrenomycetes) will be included in the checklist of microfungi, even though their growth habit is superficially similar to that of corticioid fungi. The same is true for a number of other minute ascomycetes (e.g., *Cordyceps*, *Dasyscyphus*, *Isaria*, *Mitrula*) that skirt the boundaries between macro- and micro-fungi, as well as those that cover fruiting bodies of

macrofungi as parasites (e.g., *Hypomyces*). However, included among the macrofungi are a few of the smaller ascomycetous genera (e.g., *Bulgaria*, *Camarops*, *Daldinia*, *Galiella*, *Leotia*, *Microglossum*, *Microstoma*, *Peziza*, *Xylaria*, *Xylocoremium*) known to generally produce somewhat conspicuous ascomata.

There has been considerable mycological activity in the state, with the earliest specimens collected in 1804 and the first documentation in the literature dating to the late 1800's (Rose 1886). After a more intense period of activity, roughly 1885–1925, workers have consistently collected specimens in the field throughout the decades (Fig. 4). The fungal species in the Indiana checklist demonstrate the wide range of fungal diversity that exist in the state, and a number of species in the macrofungi checklist have importance to humans, such as deadly poisonous mushrooms (e.g., *Amanita phalloides*, see Pringle & Vellinga 2006) and choice edibles (e.g., *Cantharellus* and

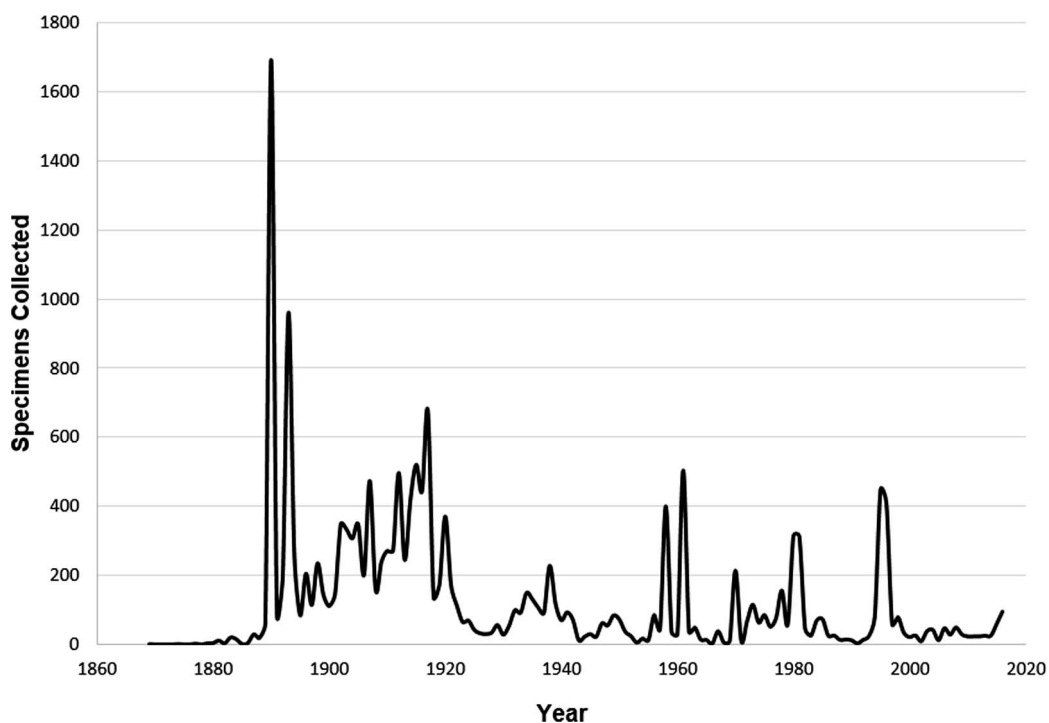


Figure 4.—Number of fungal specimens collected per year from Indiana and deposited within various collections in the United States and Canada (an early specimen collected in 1804 is not included here in order to simplify the plot).

*Morchella*, see Molina et al. 1993). Estimates of the global diversity for fungi posit that there may be six fungal species for every vascular plant species (Hawksworth 1991; Blackwell 2011). If we apply this ratio to Indiana, then a comparison of the total number of fungal species (including macro-, microfungi, and lichens) recovered in our overall study (ca. 3000) against the number of vascular plant species known for state (ca. 2800; pers. comm. Kay Yatskiyevych) suggests that many more fungal species are in need of documentation. Many species of fungi absent from our Indiana checklists likely represent taxa already known to science. Indeed, the author's record for *Amanita muscaria* var. *guessowii*, never before reported from the state, was discovered without much effort on the campus of Purdue University Northwest (PNW) while preparing this manuscript (a voucher specimen was sent to Purdue's Arthur Fungarium). Noting the magnitude of this gap (perhaps thousands of 'missing' species of Indiana fungi), it is equally likely that a number of fungal species new to science await discovery in the state. These facts highlight the

great need for continued mycological research within the state, as suggested previously by Ruch and colleagues (2001).

We acknowledge that this checklist may contain inaccuracy given the scope of taxa included (and the restricted focus of the lead author) as well as the need to revise some of the species recorded here in light of new data (e.g., see O'Donnell et al. 2011 for the morels). Overall, however, we hope this publication represents solid progress toward a more complete understanding of fungal diversity in the state of Indiana.

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funded) and for serving as PIs overseeing the digitization efforts of fungal specimens, which have made literally millions of fungal specimen records available online.

#### CHECKLIST OF INDIANA MACROFUNGI

**Annotation key.**—Annotations [in brackets] follow each taxon, indicating records from Indiana that are published in the literature for the first time here (NR) and/or citing the source for each record, either from the literature (†) or from specimens (‡) deposited in collections (single or multiple records representing each taxon reported here can be searched individually at <http://mycoportal.org>).

#### ASCOMYCOTA

##### Bolinales

*Camarops petersii* (Berk. & M.A. Curtis) Nannf. [†, ‡]

##### Geoglossales

*Geoglossum difforme* Fr. [‡, NR]  
*Geoglossum nigratum* Cooke [‡, NR]  
*Trichoglossum farlowii* (Cooke) E.J. Durand [‡, NR]  
*Trichoglossum hirsutum* (Pers.) Boud. [†, ‡]  
*Trichoglossum variabile* (E.J. Durand) Nannf. [‡, NR]  
*Trichoglossum velutipes* (Peck) E.J. Durand [‡, NR]  
*Trichoglossum walteri* (Berk.) E.J. Durand [‡, NR]

##### Helotiales

*Bulgaria inquinans* (Pers.) Fr. [†]  
*Leotia lubrica* (Scop.) Pers. [†, ‡]  
*Microglossum olivaceum* (Pers.) Gillet [‡, NR]  
*Microglossum rufum* (Schwein.) Underw. [†, ‡]

##### Pezizales

*Aleuria aurantia* (Pers.) Fuckel [†, ‡]  
*Disciotis venosa* (Pers.) Boud. [†]  
*Galiella rufa* (Schwein.) Nannf. & Korf [†, ‡]  
*Gyromitra brunnea* Underw. [†, ‡]  
*Gyromitra caroliniana* (Bosc.) Fr. [‡, NR]  
*Gyromitra esculenta* (Pers.) Fr. [†, ‡]  
*Gyromitra gigas* (Krombh.) Cooke [†]  
*Gyromitra infula* (Schaeff.) Quél. [‡, NR]  
*Helvella acetabulum* (L.) Quél. [†, ‡]  
*Helvella albella* Quél. [‡, NR]

*Helvella atra* Oeder [‡, NR]  
*Helvella elastica* Bull. [†, ‡]  
*Helvella lactea* Boud. [‡, NR]  
*Helvella lacunosa* Afzel. [†, ‡]  
*Helvella macropus* (Pers.) P. Karst. [‡, NR]  
*Helvella macropus* var. *brevis* Peck [‡, NR]  
*Helvella queletii* Bres. [‡, NR]  
*Helvella subglabra* N.S. Weber [‡, NR]  
*Helvella sulcata* Afzel. [‡, NR]  
*Helvella villosa* Schaeff. [‡, NR]  
*Jafnea semitosta* (Berk. & M.A. Curtis) Korf [‡, NR]  
*Microstoma floccosum* (Schwein.) Raitv. [†, ‡]  
*Mitrophora semilibera* (DC.) Lév. [†, ‡]  
*Morchella angusticeps* Peck [†, ‡]  
*Morchella conica* Pers. [†, ‡]  
*Morchella crassipes* (Vent.) Pers. [†]  
*Morchella deliciosa* Fr. [‡, NR]  
*Morchella esculenta* (L.) Pers. [†, ‡]  
*Morchella hybrida* (Sowerby) Pers. [‡, NR]  
*Otidea onotica* (Pers.) Fuckel [‡, NR]  
*Pachyella clypeata* (Schwein.) Le Gal [‡, NR]  
*Peziza aurantiaca* Bull. [‡, NR]  
*Peziza badia* Pers. [†, ‡]  
*Peziza badioconfusa* Korf [‡, NR]  
*Peziza bronca* Peck [‡, NR]  
*Peziza cerea* Sowerby [‡, NR]  
*Peziza citrina* (Hedw.) Pers. [†, ‡]  
*Peziza dehni* Rabenh. [‡, NR]  
*Peziza domiciliana* Cooke [†, ‡]  
*Peziza odorata* Peck [‡, NR]  
*Peziza repanda* Pers. [†, ‡]  
*Peziza succosa* Berk. [†, ‡]  
*Peziza sulcata* Pers. [†]  
*Peziza sylvestris* (Boud.) Sacc. & Traverso [‡, NR]  
*Peziza vesiculosa* Bull. [†, ‡]  
*Plectania occidentalis* (Schwein.) Seaver [†, ‡]  
*Sarcoscypha austriaca* (Beck ex Sacc.) Boud. [‡, NR]  
*Sarcoscypha coccinea* (Scop.) Sacc. [†, ‡]  
*Sarcoscypha occidentalis* (Schwein.) Sacc. [†, ‡]  
*Tuber dryophilum* Tul. & C. Tul. [‡, NR]  
*Tuber rufum* Pollini [†]  
*Urnula craterium* (Schwein.) Fr. [†, ‡]  
*Verpa bohemica* var. *bispora* (Sorokin) Syd. [†]  
*Verpa conica* (O.F. Müll.) Sw. [†]

##### Xylariales

*Daldinia childiae* J.D. Rogers & Y.M. Ju [‡, NR]  
*Daldinia concentrica* (Bolton) Ces. & De Not. [‡, ‡]  
*Daldinia simulans* Child [‡, NR]  
*Daldinia vernicosa* Ces. & De Not. [†, ‡]  
*Xylaria castorea* Berk. [†, ‡]

*Xylaria comosa* (Mont.) Mont. [†]  
*Xylaria corniformis* (Fr.) Fr. [‡, NR]  
*Xylaria cornu-damae* (Schwein.) Berk. [†, ‡]  
*Xylaria cubensis* (Mont.) Fr. [‡, NR]  
*Xylaria digitata* (L.) Grev. [‡, NR]  
*Xylaria hypoxylon* (L.) Grev. [†, ‡]  
*Xylaria longiana* Rehm [‡, NR]  
*Xylaria longipes* Nitschke [‡, NR]  
*Xylaria mali* Fromme [‡, NR]  
*Xylaria polymorpha* (Pers.) Grev. [†, ‡]  
*Xylaria subterranea* (Schwein.) Sacc. [†]  
*Xylaria tentaculata* Ravenel ex Berk. [‡, NR]  
*Xylocoremium flabelliforme* (Schwein.) J.D. Rogers [‡, NR]

## BASIDIOMYCOTA

### Agaricales

*Agaricus abruptibulbus* Peck [†, ‡]  
*Agaricus arvensis* Schaeff. [†, ‡]  
*Agaricus bitorquis* (Quél.) Sacc. [†, ‡]  
*Agaricus campestris* L. [†, ‡]  
*Agaricus comtulus* Fr. [‡, NR]  
*Agaricus diminutivus* Peck [‡, NR]  
*Agaricus dorsalis* Peck [†]  
*Agaricus haerens* Peck [†, ‡]  
*Agaricus magniceps* Peck [‡, NR]  
*Agaricus moelleri* Wasser [‡, NR]  
*Agaricus placomyces* Peck [†, ‡]  
*Agaricus scitulus* Massee [†]  
*Agaricus silvaticus* Schaeffer [†, ‡]  
*Agaricus sylvicola* (Vittad.) Peck [†, ‡]  
*Agaricus xanthoderma* Genev. [‡, NR]  
*Agrocybe acericola* (Peck) Singer [‡, NR]  
*Agrocybe arvalis* (Fr.) Heim & Romagn. [‡, NR]  
*Agrocybe dura* (Bolton) Singer [†, ‡]  
*Agrocybe erebia* (Fr.) Singer [‡, NR]  
*Agrocybe firma* (Peck) Singer [‡, NR]  
*Agrocybe gibberosa* (Fr.) Fayod [‡, NR]  
*Agrocybe howeana* (Peck) Singer [‡, NR]  
*Agrocybe pediades* (Fr.) Fayod [†, ‡]  
*Agrocybe praecox* (Pers.) Fayod [†, ‡]  
*Amanita abrupta* Peck [†, ‡]  
*Amanita aestivalis* Singer ex Singer [‡, NR]  
*Amanita bisporigera* G.F. Atk. [†, ‡]  
*Amanita brunnescens* var. *brunnescens* G.F. Atk. [†, ‡]  
*Amanita brunnescens* var. *pallida* L. Krieg. [‡, NR]  
*Amanita caesarea* (Scop.) Pers. [†]  
*Amanita ceciliae* (Berk. & Broome) Bas [‡, NR]  
*Amanita chlorinosma* (Peck) Lloyd [†, ‡]  
*Amanita citrina* (Schaeff.) Pers. [‡, NR]  
*Amanita citrina* f. *lavendula* (Coker) Veselý [‡, NR]

*Amanita cokeri* (E.-J. Gilbert & Kühner) E.-J. Gilbert [‡, NR]  
*Amanita cothurnata* G.F. Atk. [†]  
*Amanita daucipes* (Berk. & Mont.) Lloyd [‡, NR]  
*Amanita excelsa* (Fr.) Bertill. [†, ‡]  
*Amanita farinosa* Schwein. [†, ‡]  
*Amanita flavoconia* G.F. Atk. [†, ‡]  
*Amanita flavorubescens* G.F. Atk. [†, ‡]  
*Amanita floccocephala* G.F. Atk. [†]  
*Amanita fulva* Pers. [‡, NR]  
*Amanita gemmata* (Fr.) Bertill. [‡, NR]  
*Amanita junquillea* Quél. [†]  
*Amanita magnivelaris* Peck (Fr.) P. Kumm. [‡, NR]  
*Amanita multisquamosa* Peck [‡, NR]  
*Amanita muscaria* (L.) Lam. [†, ‡]  
*Amanita muscaria* var. *guessowii* Veselý [‡, NR]  
*Amanita pantherina* (DC.) Krombh. [‡, NR]  
*Amanita phalloides* (Fr.) Link [†, ‡]  
*Amanita rubescens* Pers. [†, ‡]  
*Amanita rubescens* f. *alba* (Coker) Sartory & L. Maire [‡, NR]  
*Amanita solitaria* (Bull.) Mérat [†, ‡]  
*Amanita spreta* (Peck) Sacc. [†, ‡]  
*Amanita strobiliformis* (Paulet ex Vittad.) Bertill. [†, ‡]  
*Amanita subphalloides* (Murrill) Murrill [‡, NR]  
*Amanita thiersii* Bas [‡, NR]  
*Amanita vaginata* (Bull.) Lam [†, ‡]  
*Amanita verna* (Bull.) Lam. [†]  
*Amanita virosa* Bertill. [†, ‡]  
*Arachnion album* Schwein. [‡, NR]  
*Armillaria caligata* (Viv.) Gillet [‡, NR]  
*Armillaria calvescens* Bérubé & Dessur. [‡, NR]  
*Armillaria gallica* Marxm. & Romagn. [‡, NR]  
*Armillaria mellea* (Vahl) P. Kumm. [†, ‡]  
*Armillaria nardosmia* Ellis [†]  
*Armillaria tabescens* (Scop.) Emel [†, ‡]  
*Arrhenia epichysium* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys [‡, NR]  
*Arrhenia peltigerina* (Peck) Redhead [†]  
*Asterophora lycoperdoides* (Bull.) Ditmar [‡, NR]  
*Baeospora myriadophylla* (Peck) Singer [†]  
*Bolbitius coprophilus* (Peck) Hongo [‡, NR]  
*Bolbitius tener* Berk. [†]  
*Bolbitius titubans* (Bull.) Fr. [†, ‡]  
*Bovista aestivalis* (Bonord.) Demoulin [‡, NR]  
*Bovista dermoxantha* (Vittad.) De Toni [‡, NR]  
*Bovista longispora* Kreisel [‡, NR]  
*Bovista minor* Morgan [‡, NR]  
*Bovista pila* Berk. & M.A. Curtis [‡, NR]  
*Bovista plumbea* Pers. [‡, NR]  
*Bovista pusilla* (Batsch) Pers. [‡, NR]  
*Bovistella ohiensis* (Ellis & Morgan) Morgan [†, ‡]

- Bovistella radicata* (Durieu & Mont.) Pat. [‡, NR]  
*Calvatia craniiformis* (Schwein.) Fr. ex De Toni [‡, †]  
*Calvatia cyathiformis* (Bosc) Morgan [‡, †]  
*Calvatia excipuliformis* (Scop.) Perdeck [‡, NR]  
*Calvatia gigantea* (Batsch) Lloyd [‡, †]  
*Calvatia lepidophora* (Ellis & Everh.) Coker & Couch [‡, NR]  
*Calvatia lilacina* (Mont. & Berk.) Henn. [‡, NR]  
*Calvatia rugosa* (Berk. & M.A. Curtis) D.A. Reid [‡, †]  
*Calvatia utriformis* (Bull.) Jaap [‡]  
*Calyptella campanula* (Nees) W.B. Cooke [‡, NR]  
*Cheimonophyllum candidissimum* (Berk. & M.A. Curtis) Singer [‡, NR]  
*Chlorophyllum agaricoides* (Czern.) Vellinga [‡, NR]  
*Chlorophyllum molybdites* (G. Mey.) Massee [‡, †]  
*Chondrostereum purpureum* (Pers.) Pouzar [‡, NR]  
*Clavaria appalachiensis* Coker [‡, NR]  
*Clavaria fragilis* Holmsk. [‡, †]  
*Clavaria inaequalis* O.F. Müll. [‡]  
*Clavaria rosea* Dalman [‡, NR]  
*Clavaria tetragona* Schwein. [‡]  
*Clavulinopsis corniculata* (Schaeff.) Corner [‡, NR]  
*Clavulinopsis fusiformis* (Sowerby) Corner [‡, †]  
*Clavulinopsis laeticolor* (Berk. & M.A. Curtis) R.H. Petersen [‡, NR]  
*Clitocybe americana* H.E. Bigelow [‡, NR]  
*Clitocybe aeruginosa* H.E. Bigelow [‡, NR]  
*Clitocybe albidula* Peck [‡]  
*Clitocybe candida* Bres. [‡, †]  
*Clitocybe cartilaginea* (Bull. ex Pers.) Bres [‡]  
*Clitocybe catinus* (Fr.) Quél. [‡]  
*Clitocybe clavipes* (Pers.) P. Kumm. [‡, NR]  
*Clitocybe connata* (Schumach.) Gillet [‡, NR]  
*Clitocybe dealbata* (Sowerby) P. Kumm. [‡, †]  
*Clitocybe diatreta* (Fr.) P. Kumm. [‡, NR]  
*Clitocybe dilatata* P. Karst. [‡, NR]  
*Clitocybe ditopa* (Fr.) Gillet [‡]  
*Clitocybe eccentrica* X.H. Wang & P.G. Liu [‡]  
*Clitocybe elephantina* Murrill [‡, NR]  
*Clitocybe fragrans* (With.) P. Kumm. [‡, NR]  
*Clitocybe gibba* (Pers.) P. Kumm. [‡, †]  
*Clitocybe intermedia* Kauffman [‡, NR]  
*Clitocybe laccata* var. *pallidifolia* Peck [‡, †]  
*Clitocybe martiorum* J. Favre [‡, NR]  
*Clitocybe multiceps* Peck [‡]  
*Clitocybe nebularis* (Batsch) P. Kumm [‡, †]  
*Clitocybe ochropurpurea* (Berk.) Sacc. [‡]  
*Clitocybe odora* (Bull.) P. Kumm. [‡, †]  
*Clitocybe patuloides* (Peck) Peck [‡]  
*Clitocybe phaeophthalma* (Pers.) Kuyper [‡, †]  
*Clitocybe phyllophila* (Pers.) P. Kumm. [‡]  
*Clitocybe piceina* Peck [‡]  
*Clitocybe regularis* Peck [‡, NR]  
*Clitocybe sinopica* (Fr.) P. Kumm. [‡]  
*Clitocybe subconnexa* Murrill [‡, NR]  
*Clitocybe trullisata* Ellis [‡, NR]  
*Clitocybula abundans* (Peck) Singer [‡, †]  
*Clitocybula lacerata* (Scop.) Singer ex Métrod [‡, NR]  
*Clitopilus caespitosus* Peck [‡]  
*Clitopilus hrbanovii* (Velen.) Singer [‡, NR]  
*Clitopilus noveboracensis* (Peck) Sacc. [‡]  
*Clitopilus prunulus* (Scop.) P. Kumm. [‡, †]  
*Collybia amabilipes* (Peck) Peck [‡]  
*Collybia cookei* (Bres.) J.D. Arnold [‡, NR]  
*Conocybe crispa* (Longyear) Singer [‡]  
*Conocybe cryptocystis* (G.F. Atk.) Singer [‡, NR]  
*Conocybe tenera* (Schaeff.) Fayod [‡, †]  
*Coprinellus deliquescens* (Bull.) P. Karst. [‡]  
*Coprinellus disseminatus* (Pers.) J.E. Lange [‡, †]  
*Coprinellus domesticus* (Bolton) Vilgalys [‡]  
*Coprinellus ephemerus* (Bull.) Redhead [‡]  
*Coprinellus micaceus* (Bull.) Vilgalys, Hopple & Jacq. Johnson [‡, †]  
*Coprinopsis atramentaria* (Bull.) Redhead, Vilgalys & Moncalvo [‡, †]  
*Coprinopsis lagopus* (Fr.) Redhead, Vilgalys & Moncalvo [‡, †]  
*Coprinopsis nivea* (Pers.) Redhead, Vilgalys & Moncalvo [‡, NR]  
*Coprinopsis picacea* (Bull.) Redhead [‡]  
*Coprinopsis radiata* (Bolton) Redhead, Vilgalys & Moncalvo [‡, †]  
*Coprinopsis variegata* (Peck) Redhead, Vilgalys & Moncalvo [‡, NR]  
*Coprinus comatus* (O.F. Müll.) Pers. [‡, †]  
*Coprinus comatus* var. *ovatus* (Scop.) Quél. [‡]  
*Coprinus ebulbosus* Peck [‡]  
*Coprinus quadrifidus* Peck [‡]  
*Coprinus rotundisporus* Peck [‡]  
*Cortinarius alboviolaceus* (Pers.) Fr. [‡, †]  
*Cortinarius armillatus* (Fr.) Fr. [‡, †]  
*Cortinarius autumnalis* Peck [‡, †]  
*Cortinarius caperatus* (Pers.) Fr. [‡]  
*Cortinarius cinnabarinus* Fr. [‡, †]  
*Cortinarius cinnamomeus* (L.) Gray [‡]  
*Cortinarius claricolor* (Fr.) Fr. [‡, NR]  
*Cortinarius collariatus* E. Horak & M.M. Moser [‡]  
*Cortinarius collinitus* (Sowerby) Gray [‡]  
*Cortinarius corrugatus* Peck [‡, NR]  
*Cortinarius cylindripes* Kauffman [‡]  
*Cortinarius distans* Peck [‡, †]

- Cortinarius duracinus* Fr. [†, ‡]  
*Cortinarius gentilis* (Fr.) Fr. [‡, NR]  
*Cortinarius hinnuleus* Fr. [†]  
*Cortinarius iodeoides* Kauffman [‡, NR]  
*Cortinarius iodes* Berk. & M.A. Curtis [‡, NR]  
*Cortinarius michiganensis* Kauffman [†]  
*Cortinarius obliquus* Peck [†]  
*Cortinarius ochraceus* Peck [†]  
*Cortinarius olearioides* Rob. [‡, NR]  
*Cortinarius semisanguineus* (Fr.) Gillet [‡, NR]  
*Cortinarius sericeps* Peck [‡, NR]  
*Cortinarius torvus* (Fr.) Fr. [‡, NR]  
*Cortinarius violaceus* (L.) Gray [‡, NR]  
*Crepidotus applanatus* (Pers.) P. Kumm. [†, ‡]  
*Crepidotus applanatus* var. *globiger* (Berk.) Pilát [‡, NR]  
*Crepidotus calolepis* (Fr.) P. Karst. [†]  
*Crepidotus cocophyllus* (Berk.) Sacc. [‡, NR]  
*Crepidotus ellipsoideus* Hesler & A.H. Sm. [‡, NR]  
*Crepidotus fulvotomentosus* (Peck) Peck [†, ‡]  
*Crepidotus fusisporus* Hesler & A.H. Sm. [†]  
*Crepidotus herbarum* (Peck) Peck [‡, NR]  
*Crepidotus hygrophanus* Murrill [‡, NR]  
*Crepidotus hundellii* Pilát [†]  
*Crepidotus mollis* (Schaeff.) Staude [†, ‡]  
*Crepidotus nephrodes* (Berk. & M.A. Curtis) Sacc. [‡, NR]  
*Crepidotus versutus* (Peck) Peck [†, ‡]  
*Crepidotus vulgaris* Hesler & A.H. Sm. [‡, NR]  
*Crinipellis setipes* (Peck) Singer [‡, NR]  
*Crinipellis zonata* (Peck) Sacc. [†, ‡]  
*Crucibulum crucibuliforme* (Scop.) V.S. White [†, ‡]  
*Cyathus olla* (Batsch) Pers. [†, ‡]  
*Cyathus poeppigii* Tul. & C. Tul. [‡, NR]  
*Cyathus stercoreus* (Schwein.) De Toni [†, ‡]  
*Cyathus striatus* (Huds.) Willd. [†, ‡]  
*Cylindrobasidium evolvens* (Fr.) Jülich [‡, NR]  
*Cylindrobasidium torrendii* (Bres.) Hjortstam [‡, NR]  
*Cyphella fasciculata* Berk. & M.A. Curtis [‡, NR]  
*Cyphella mellea* Burt [‡, NR]  
*Deconica subviscida* Peck [‡, NR]  
*Disciseda candida* (Schwein.) Lloyd [‡, NR]  
*Entoloma abortivum* (Berk. & M.A. Curtis) Donk [†, ‡]  
*Entoloma alboumbonatum* Hesler [‡, NR]  
*Entoloma asprellum* (Fr.) Fayod [†]  
*Entoloma byssisedum* (Pers.) Donk [‡, NR]  
*Entoloma carneogriseum* (Berk. & Broome) Noordel. [†]  
*Entoloma clypeatum* (L.) P. Kumm. [†]  
*Entoloma gracilipes* (Peck) Malloch [‡, NR]  
*Entoloma grande* Peck [†]  
*Entoloma jubatum* (Fr.) P. Karst. [†]  
*Entoloma lividum* (Bull.) Quél. [†]  
*Entoloma murrayi* (Berk. & M.A. Curtis) Sacc. [‡, NR]  
*Entoloma rhodopolium* (Fr.) P. Kumm. [†, ‡]  
*Entoloma salmoneum* (Peck) Sacc. [‡, NR]  
*Entoloma sericellum* (Fr.) P. Kumm. [‡, NR]  
*Entoloma serrulatum* (Fr.) Hesler [‡, NR]  
*Entoloma sinuatum* (Bull. ex Pers.) P. Kumm. [†]  
*Entoloma strictipes* (Peck) Hesler [‡, NR]  
*Entoloma strictius* (Peck) Sacc. [†, ‡]  
*Entoloma subcostatum* G.F. Atk. [†]  
*Entoloma undatum* (Gillet) M.M. Moser [†]  
*Entoloma vernum* S. Lundell [‡, NR]  
*Fistulina hepatica* (Schaeff.) With. [†]  
*Flammula betulina* Peck [†]  
*Flammula praecox* Peck [‡, NR]  
*Flammulaster erinaceellus* (Peck) Watling [‡, NR]  
*Flammulaster gracilis* (Quél.) Watling [‡, NR]  
*Flammulina velutipes* (Curtis) Singer [†, ‡]  
*Galera ovalis* (Fr.) Gillet [†]  
*Galerina autumnalis* (Peck) A.H. Sm. & Singer [‡, NR]  
*Galerina marginata* (Batsch) Kühner [‡, NR]  
*Galerina unicolor* (Vahl) Singer [†, ‡]  
*Gerronema strombodes* (Berk. & Mont.) Singer [‡, NR]  
*Gymnopilus aeruginosus* (Peck) Singer [†]  
*Gymnopilus bellulus* (Peck) Murrill [‡, NR]  
*Gymnopilus junonius* (Fr.) P.D. Orton [†, ‡]  
*Gymnopilus liquiritiae* (Pers.) P. Karst. [‡, NR]  
*Gymnopilus sapineus* (Fr.) Maire [‡, NR]  
*Gymnopilus acervatus* (Fr.) Murrill [†, ‡]  
*Gymnopus alkalivirens* (Singer) Halling [‡, NR]  
*Gymnopus androsaceus* (L.) J.L. Mata & R.H. Petersen [‡, NR]  
*Gymnopus aquosus* (Bull.) Antonín & Noordel. [‡, NR]  
*Gymnopus atratoides* (Peck) Murrill [†]  
*Gymnopus bififormis* (Peck) Halling [‡, NR]  
*Gymnopus confluens* (Pers.) Antonín, Halling & Noordel. [†, ‡]  
*Gymnopus dichrous* (Berk. & M.A. Curtis) Halling [‡, NR]  
*Gymnopus dryophilus* (Bull.) Murrill [†, ‡]  
*Gymnopus erythropus* (Pers.) Antonín [†, ‡]  
*Gymnopus foetidus* (Sowerby) J.L. Mata & R.H. Petersen [†, ‡]  
*Gymnopus fusipes* (Bull.) Gray [†]  
*Gymnopus hariolorum* (Bull.) Antonín [†]  
*Gymnopus hygrophoroides* (Peck) Murrill [†, ‡]  
*Gymnopus iocephalus* (Berk. & M.A. Curtis) Halling [‡, NR]  
*Gymnopus luxurians* (Peck) Murrill [‡, NR]



- Gymnopus peronatus* (Bolton) Gray [†, ‡]  
*Gymnopus polyphyllus* (Peck) Halling [‡, NR]  
*Gymnopus spongiosus* (Berk. & M.A. Curtis) Halling [‡, NR]  
*Gymnopus subnudus* (Ellis ex Peck) Halling [‡, NR]  
*Gymnopus subsulphureus* (Peck) Murrill [‡, NR]  
*Hebeloma albidulum* Peck [†]  
*Hebeloma album* Peck [†]  
*Hebeloma crustuliniforme* (Bull.) Quél. [‡, NR]  
*Hebeloma mesophaeum* (Pers.) Quél. [†]  
*Hebeloma sinapizans* (Paulet) Gillet [‡, NR]  
*Hemingsomyces candidus* (Pers.) Kuntze [‡, NR]  
*Hohenbuehelia angustata* (Berk.) Singer [‡, NR]  
*Hohenbuehelia approximans* (Peck) Singer [‡, NR]  
*Hohenbuehelia horakii* Courtec. [‡, NR]  
*Hohenbuehelia petaloides* (Bull.) Schulzer [†, ‡]  
*Hydropus floccipes* (Fr.) Singer [‡, NR]  
*Hygrocybe acutoconica* (Clem.) Singer [‡, NR]  
*Hygrocybe acutoconica* var. *cuspidata* (Peck) Arnolds [‡, NR]  
*Hygrocybe borealis* (Peck) Bon [†]  
*Hygrocybe calyptriformis* (Berk. & Broome) Fayod [‡, NR]  
*Hygrocybe cantharellus* (Schwein.) Murrill [‡, NR]  
*Hygrocybe ceracea* (Wulfen) P. Kumm. [†, ‡]  
*Hygrocybe chlorophana* (Fr.) Wünsche [‡, NR]  
*Hygrocybe coccinea* (Schaeff.) P. Kumm. [†, ‡]  
*Hygrocybe colemanniana* (A. Bloxam) P.D. Orton & Watling [‡, NR]  
*Hygrocybe conica* (Schaeff.) P. Kumm. [†, ‡]  
*Hygrocybe irrigata* (Pers.) Bon [‡, NR]  
*Hygrocybe laeta* (Pers.) P. Kumm. [‡, NR]  
*Hygrocybe lepida* Arnolds [‡, NR]  
*Hygrocybe marginata* var. *concolor* (A.H. Smith) A.E. Bessette, A.R. Bessette, W.C. Roody & W.E. Sturgeon [‡, NR]  
*Hygrocybe marginata* var. *marginata* (Peck) Murrill [‡, NR]  
*Hygrocybe marginata* var. *olivacea* (A.H. Smith & Hesler) A.E. Bessette, A.R. Bessette, W.C. Roody & W.E. Sturgeon [‡, NR]  
*Hygrocybe miniata* (Fr.) P. Kumm. [†, ‡]  
*Hygrocybe nitida* (Berk. & M.A. Curtis) Murrill [‡, NR]  
*Hygrocybe obrussea* (Fr.) Wünsche [‡, NR]  
*Hygrocybe pratensis* (Schaeff.) Murrill [†, ‡]  
*Hygrocybe psittacina* (Schaeff.) P. Kumm. [†, ‡]  
*Hygrocybe punicea* (Fr.) P. Kumm. [†, ‡]  
*Hygrocybe virginea* (Wulfen) P.D. Orton & Watling [‡, NR]  
*Hygrophorus eburneus* (Bull.) Fr. [†]  
*Hygrophorus flavodiscus* Frost [†]  
*Hygrophorus lauræ* Morg. [†]  
*Hygrophorus occidentalis* A.H. Sm. & Hesler [‡, NR]  
*Hygrophorus pudorinus* (Fr.) Fr. [†, ‡]  
*Hygrophorus roseibrunneus* Murrill [†]  
*Hygrophorus russula* (Schaeff.) Kauffman [†]  
*Hygrophorus sordidus* Peck [†, ‡]  
*Hygrophorus tennesseensis* A.H. Sm. & Hesler [‡, NR]  
*Hypholoma candolleianum* (Fr.) Maire [‡, NR]  
*Hypholoma capnoides* (Fr.) P. Kumm. [‡, NR]  
*Hypholoma cutifractum* Peck [†]  
*Hypholoma echiniceps* G.F. Atk. [‡, NR]  
*Hypholoma hydrophilum* (Bull.) Quél. [‡, NR]  
*Hypholoma incertum* (Peck) A.H. Sm. [‡, NR]  
*Hypholoma lateritium* (Schaeff.) P. Kumm. [†, ‡]  
*Hypsizygus ulmarius* (Bull.) Redhead [†, ‡]  
*Inocybe albodisca* Peck [†, ‡]  
*Inocybe calospora* Quél. [†, ‡]  
*Inocybe cookei* Bres. [‡, NR]  
*Inocybe decipientoides* Peck [‡, NR]  
*Inocybe fibrillosa* Peck [†]  
*Inocybe geophylla* (Sowerby) P. Kumm. [†, ‡]  
*Inocybe griseovelata* Kühner [‡, NR]  
*Inocybe lacera* (Fr.) P. Kumm. [‡, NR]  
*Inocybe lilacina* (Peck) Kauffman [†]  
*Inocybe maculata* Boud. [‡, NR]  
*Inocybe pallidipes* Ellis & Everh. [‡, NR]  
*Inocybe praetervisa* Quél. [‡, NR]  
*Inocybe pyriodora* (Pers.) P. Kumm. [‡, NR]  
*Inocybe radiata* Peck [‡, NR]  
*Inocybe rimosa* (Bull.) P. Kumm. [†, ‡]  
*Inocybe sororia* Kauffman [‡, NR]  
*Inocybe unicolor* Peck [‡, NR]  
*Kuehneromyces mutabilis* (Schaeff.) Singer & A.H. Sm. [†]  
*Laccaria amethystina* Cooke [‡, NR]  
*Laccaria bicolor* (Maire) P.D. Orton [‡, NR]  
*Laccaria laccata* (Scop.) Cooke [†, ‡]  
*Laccaria ochropurpurea* (Berk.) Peck [†, ‡]  
*Laccaria proxima* (Boud.) Pat. [‡, NR]  
*Laccaria tortilis* (Bolton) Cooke [‡, NR]  
*Laccaria trullisata* (Ellis) Peck [‡, NR]  
*Lachnella villosa* (Pers.) Gillet [‡, NR]  
*Lacrymaria lacrymabunda* (Bull.) Pat. [†, ‡]  
*Lepiota alluviina* (Peck) Morgan [†]  
*Lepiota aspera* (Pers.) Quél. [†, ‡]  
*Lepiota augustana* (Britzelm.) Sacc. [†]  
*Lepiota castanea* Quél. [‡, NR]  
*Lepiota conspurcata* (Willd.) Morgan [†]  
*Lepiota clypeolaria* (Bull.) P. Kumm. [‡, NR]  
*Lepiota cristata* (Bolton) P. Kumm. [†, ‡]  
*Lepiota farinosa* Peck [†]  
*Lepiota fischeri* Kauffman [‡, NR]

- Lepiota granosa* Morgan [†]  
*Lepiota miamensis* (Morgan) Sacc. [†]  
*Lepiota naucinoides* (Peck) Peck [†]  
*Lepiota subincarnata* J.E. Lange [‡, NR]  
*Lepiota virescens* (Speg.) Morgan [†]  
*Lepista flaccida* (Sowerby) Pat. [†, ‡]  
*Lepista irina* (Fr.) H.E. Bigelow [‡, NR]  
*Lepista nuda* (Bull.) Cooke [‡, NR]  
*Lepista personata* (Fr.) Cooke [†, ‡]  
*Leptonia rosea* var. *marginata* Largent [‡, NR]  
*Leucoagaricus americanus* (Peck) Vellinga [†, ‡]  
*Leucoagaricus caeruleascens* (Peck) J.F. Liang, Zhu L. Yang & J. Xu [†]  
*Leucoagaricus leucothites* (Vittad.) Wasser [†, ‡]  
*Leucoagaricus rubrotinctus* (Peck) Singer [†, ‡]  
*Leucocoprinus cepistipes* (Sowerby) Pat. [†, ‡]  
*Leucocoprinus flavescens* (Morgan) H.V. Sm. [‡, NR]  
*Leucopaxillus albissimus* (Peck) Singer [†, ‡]  
*Leucopaxillus cerealis* (Lasch) Singer [‡, NR]  
*Leucopaxillus giganteus* (Sowerby) Singer [†]  
*Leucopaxillus laterarius* (Peck) Singer & A.H. Sm. [‡, NR]  
*Leucopaxillus paradoxus* (Costantin & L.M. Dufour) Boursier [‡, NR]  
*Lindmeria trachyspora* (Bourdot & Galzin) Pilát [‡, NR]  
*Lycoperdon americanum* Demoulin [‡, NR]  
*Lycoperdon echinatum* Pers. [‡, NR]  
*Lycoperdon ericaeum* Bonord. [‡, NR]  
*Lycoperdon fuscum* Huds. [‡, NR]  
*Lycoperdon marginatum* Vittad. [‡, NR]  
*Lycoperdon molle* Pers. [‡, NR]  
*Lycoperdon nigrescens* Wahlenb. [‡, NR]  
*Lycoperdon peckii* J.B. Morgan [‡, NR]  
*Lycoperdon pedicellatum* Gardezi [‡, NR]  
*Lycoperdon perlatum* Pers. [†, ‡]  
*Lycoperdon pulcherrimum* Berk. & M.A. Curtis [‡, NR]  
*Lycoperdon pyriforme* Schaeff. [†, ‡]  
*Lycoperdon radicum* Reichard [‡, NR]  
*Lycoperdon rimulatum* Peck [‡, NR]  
*Lycoperdon stellare* (Peck) Lloyd [‡, NR]  
*Lycoperdon umbrinum* Pers. [†, ‡]  
*Lycoperdon wrightii* Berk. & M.A. Curtis [‡, NR]  
*Lyophyllum decastes* (Fr.) Singer [‡, NR]  
*Lyophyllum plexipes* (Fr.) Kühner & Romagn. [†]  
*Macrocyttidia cucumis* (Pers.) Joss. [‡, NR]  
*Macrolepiota procera* (Scop.) Singer [†, ‡]  
*Marasmiellus candidus* (Fr.) Singer [†]  
*Marasmiellus papillatus* (Peck) Redhead & Halling [‡, NR]  
*Marasmiellus vaillantii* (Pers.) Singer [‡, NR]  
*Marasmius armeniacus* Gilliam [‡, NR]  
*Marasmius capillaris* Morgan [†, ‡]  
*Marasmius cohaerens* (Pers.) Cooke & Quél. [†, ‡]  
*Marasmius copelandii* var. *olidus* (Gilliam) Desjardin [‡, NR]  
*Marasmius delectans* Morgan [†, ‡]  
*Marasmius falcatisipes* Desjardin [‡, NR]  
*Marasmius felix* Morgan [‡, NR]  
*Marasmius fulvoferrugineus* Gilliam [‡, NR]  
*Marasmius glabellus* Peck [†]  
*Marasmius graminum* (Lib.) Berk. [†, ‡]  
*Marasmius haematocephalus* (Mont.) Fr. [†]  
*Marasmius oreades* (Bolton) Fr. [†, ‡]  
*Marasmius pulcherripes* Peck [‡, NR]  
*Marasmius rotula* (Scop.) Fr. [†, ‡]  
*Marasmius setosus* (Sowerby) Noordel. [‡, NR]  
*Marasmius siccus* Schwein. [†, ‡]  
*Marasmius spissus* Gilliam [‡, NR]  
*Marasmius strictipes* (Peck) Singer [‡, NR]  
*Marasmius sullivantii* Mont. [‡, NR]  
*Marasmius velutipes* Berk. & M.A. Curtis [†]  
*Marasmius vialis* Peck [‡, NR]  
*Megacollybia platyphylla* (Pers.) Kotl. & Pouzar [†, ‡]  
*Megacollybia rodmanii* R.H. Petersen, K.W. Hughes & Lickey [‡, NR]  
*Megacollybia rodmanii* f. *murina* R.H. Petersen & K.W. Hughes [‡, NR]  
*Melanoleuca alboflavida* (Peck) Murrill [‡, NR]  
*Melanoleuca melaleuca* (Pers.) Murrill [†, ‡]  
*Merismodes anomala* (Pers.) Singer [‡, NR]  
*Morganella subincarnata* (Peck) Kreisel & Dring [‡, NR]  
*Mycena acicula* (Schaeff.) P. Kumm. [‡, NR]  
*Mycena albiceps* (Peck) Gilliam [‡, NR]  
*Mycena alcalina* (Fr.) P. Kumm. [†]  
*Mycena clavularis* (Batsch) Sacc. [‡, NR]  
*Mycena corticola* (Pers.) Gray [‡, NR]  
*Mycena epipterygia* (Scop.) Gray [†, ‡]  
*Mycena epipterygia* var. *griseoviridis* (A.H. Sm.) Maas Geest. [‡, NR]  
*Mycena filopes* (Bull.) P. Kumm. [‡, NR]  
*Mycena galericulata* (Scop.) Gray [†, ‡]  
*Mycena haematopus* (Pers.) P. Kumm. [†, ‡]  
*Mycena hemisphaerica* Peck [‡, NR]  
*Mycena inclinata* (Fr.) Quél. [‡, NR]  
*Mycena leaiana* (Berk.) Sacc. [†, ‡]  
*Mycena leptophylla* (Peck) Sacc. [†]  
*Mycena luteopallens* Peck [‡, NR]  
*Mycena murina* (Murrill) Murrill [‡, NR]  
*Mycena niveipes* (Murrill) Murrill [†]  
*Mycena parabolica* (Fr.) Quél. [†]  
*Mycena pectinata* (Murrill) Murrill [‡, NR]  
*Mycena polygramma* (Bull.) Gray [†]  
*Mycena pulcherrima* (Peck) Sacc. [‡, NR]

- Mycena pura* (Pers.) P. Kumm. [†, ‡]  
*Mycena rutilantiformis* (Murrill) Murrill [‡, NR]  
*Mycena subcaerulea* (Peck) Sacc. [‡, NR]  
*Mycetinis scorodoni* (Fr.) A.W. Wilson & Desjardin [‡, NR]  
*Nolanea howellii* Peck [‡, NR]  
*Omphalia alboflava* Moorgan [†]  
*Omphalina pyxidata* (Bull.) Qué. [‡, NR]  
*Omphalotus olearius* (DC.) Singer [†, ‡]  
*Ossicaulis lignatilis* (Pers.) Redhead & Ginns [†]  
*Ozonium omnivorum* Shear [‡, NR]  
*Panaeolina foenicicii* (Pers.) Maire [†]  
*Panaeolus campanulatus* (Bull.) Qué. [†]  
*Panaeolus papilionaceus* (Bull.) Qué. [†, ‡]  
*Panaeolus semiovatus* (Sowerby) S. Lundell & Nannf. [†]  
*Panaeolus solidipes* (Peck) Sacc. [†]  
*Panellus pusillus* (Pers. ex Lév.) Burds. & O.K. Mill. [†]  
*Panellus serotinus* (Pers.) Kühner [‡, NR]  
*Panellus stipticus* (Bull.) P. Karst. [†, ‡]  
*Parasola plicatilis* (Curtis) Redhead, Vilgalys & Hopple [†, ‡]  
*Phaeosolenia inconspicua* (Sacc.) Donk [‡, NR]  
*Pholiota adiposa* (Batsch) P. Kumm. [†, ‡]  
*Pholiota aggericola* (Peck) Sacc. [†]  
*Pholiota angustipes* (Peck) Sacc. [†]  
*Pholiota aurivella* (Batsch) P. Kumm. [‡, NR]  
*Pholiota cerasina* Peck [†]  
*Pholiota curvipes* (P. Kumm.) Qué. [†]  
*Pholiota flammans* (Batsch) P. Kumm. [†]  
*Pholiota luteofolius* (Peck) Sacc. [†]  
*Pholiota polychroa* (Berk.) A.H. Sm. & H.J. Brodie [‡, NR]  
*Pholiota populnea* (Pers.) Kuyper & Tjall.-Beuk. [†]  
*Pholiota squarrosoides* (Peck) Sacc. [†]  
*Pholiota subsquarrosa* (Fr.) Sacc. [†, ‡]  
*Pholiota veris* A.H. Sm. & Hesler [‡, NR]  
*Pholiotina rugosa* (Peck) Singer [†]  
*Phyllostopsis nidulans* (Pers.) Singer [†, ‡]  
*Pleurotus atropellitus* Peck [†]  
*Pleurotus cystidiosus* O.K. Mill. [‡, NR]  
*Pleurotus dryinus* (Pers.) P. Kumm [†]  
*Pleurotus ostreatus* (Jacq.) P. Kumm. [†, ‡]  
*Pleurotus populinus* O. Hilber & O.K. Mill. [‡, NR]  
*Pleurotus pulmonarius* (Fr.) Qué. [†, ‡]  
*Pleurotus sapidus* Qué. [†, ‡]  
*Pleurotus serotinoideus* (Peck) Sacc. [†]  
*Pleurotus serotinus* (Pers.) P. Kumm. [†]  
*Pluteus americanus* (P. Banerjee & Sundberg) Justo, E.F. Malysheva & Minnis [‡, NR]  
*Pluteus cervinus* (Schaeff.) P. Kumm. [†, ‡]  
*Pluteus cervinus* var. *albus* Peck [†]  
*Pluteus chrysophaeus* (Schaeff.) Qué. [‡, NR]  
*Pluteus chrysophlebius* (Berk. & M.A. Curtis) Sacc. [‡, NR]  
*Pluteus cincus* Cke. [†]  
*Pluteus fuliginosus* Murrill [‡, NR]  
*Pluteus fulvobadius* Murrill [‡, NR]  
*Pluteus leoninus* (Schaeff.) P. Kumm. [†]  
*Pluteus longistriatus* (Peck) Peck [†, ‡]  
*Pluteus nanus* (Pers.) P. Kumm. [†, ‡]  
*Pluteus pellitus* (Pers.) P. Kumm. [‡, NR]  
*Pluteus petasatus* (Fr.) Gillet [‡, NR]  
*Pluteus podospileus* Sacc. & Cub. [‡, NR]  
*Pluteus romellii* (Britzelm.) Sacc. [‡, NR]  
*Pluteus salicinus* (Pers.) P. Kumm. [†]  
*Pluteus umbrosus* (Pers.) P. Kumm. [†]  
*Porodiscus pendulus* (Schwein. ex Fr.) Murrill [‡, NR]  
*Porotheleum fimbriatum* (Pers.) Fr. [‡, NR]  
*Psathyrella ammophila* (Durieu & Lév.) P.D. Orton [‡, NR]  
*Psathyrella candolleana* (Fr.) Maire [‡, NR]  
*Psathyrella cernua* (Vahl) Hirsch [†]  
*Psathyrella conopilus* (Fr.) A. Pearson & Dennis [†]  
*Psathyrella echiniceps* (G.F. Atk.) A.H. Sm. [‡, NR]  
*Psathyrella epimyces* (Peck) A.H. Sm. [‡, NR]  
*Psathyrella gracilis* (Fr.) Qué. [‡, NR]  
*Psathyrella hydrophila* (Bull.) Maire [‡, NR]  
*Psathyrella hymenocephala* (Peck) A.H. Sm. [‡, NR]  
*Psathyrella incerta* (Peck) A.H. Sm. [‡, NR]  
*Psathyrella longipes* (Peck) A.H. Sm. [†]  
*Psathyrella piluliformis* (Bull.) P.D. Orton [†]  
*Psathyrella sarcocephala* (Fr.) Singer [†, ‡]  
*Pseudoclitocybe cyathiformis* (Bull.) Singer [†]  
*Pseudofistulina radicata* (Schwein.) Burds. [‡, NR]  
*Pterula plumosa* (Schwein.) Fr. [†, ‡]  
*Radulomyces confluens* (Fr.) M.P. Christ. [‡, NR]  
*Resinomycena rhododendri* (Peck) Redhead & Singer [‡, NR]  
*Resupinatus alboniger* (Pat.) Singer [‡, NR]  
*Resupinatus applicatus* (Batsch) Gray [†, ‡]  
*Rhizomarasmius pyrrhocephalus* (Berk.) R.H. Petersen [‡, NR]  
*Rhodocybe popinalis* (Fr.) Singer [†]  
*Rhodocollybia butyracea* (Bull.) Lennox [‡, NR]  
*Rhodocollybia maculata* (Alb. & Schwein.) Singer [†, ‡]  
*Rhodotus palmatus* (Bull.) Maire [†, ‡]  
*Schizophyllum commune* Fr. [†, ‡]  
*Simocybe centunculus* (Fr.) P. Karst. [†, ‡]  
*Stropharia coronilla* (Bull.) Qué. [‡, NR]

- Stropharia hardii* G.F. Atk. [‡, NR]  
*Stropharia rugosoannulata* Farl. ex Murrill [‡, NR]  
*Stropharia semiglobata* (Batsch) Quél. [†, ‡]  
*Stropharia viridula* (Schaeff.) Morgan [†]  
*Tetrapyrgos nigripes* (Fr.) E. Horak [‡, NR]  
*Tricholoma album* (Schaeff.) P. Kumm. [†]  
*Tricholoma caligatum* (Viv.) Ricken [‡, NR]  
*Tricholoma columbetta* (Fr.) P. Kumm. [‡, NR]  
*Tricholoma equestre* (L.) P. Kumm. [†]  
*Tricholoma fulvum* (Fr.) Bigeard & H. Guill. [†]  
*Tricholoma fumescens* (Peck) Sacc. [†, ‡]  
*Tricholoma leucophyllum* Ovrebo & Tylutki [‡, NR]  
*Tricholoma resplendens* (Fr.) P. Karst. [‡, NR]  
*Tricholoma saponaceum* (Fr.) P. Kumm. [‡, NR]  
*Tricholoma sciodes* (Pers.) C. Martín [‡, NR]  
*Tricholoma sejunctum* (Sowerby) Quél. [†, ‡]  
*Tricholoma subresplendens* (Murrill) Sacc. & Trotter [‡, NR]  
*Tricholoma subsaponaceum* Peck [‡, NR]  
*Tricholoma sulphureum* (Bull.) P. Kumm. [†]  
*Tricholoma terreum* (Schaeff.) P. Kumm. [‡, NR]  
*Tricholoma virgatum* (Fr.) P. Kumm. [‡, NR]  
*Tricholoma zelleri* (D.E. Stuntz & A.H. Sm.) Ovrebo & Tylutki [‡, NR]  
*Tricholomopsis formosa* (Murrill) Singer [‡, NR]  
*Tricholomopsis rutilans* (Schaeff.) Singer [‡, NR]  
*Tubaria furfuracea* (Pers.) Gillet [‡, NR]  
*Tubaria pellucida* (Bull. & Vent.) Sacc. [‡, NR]  
*Tulostoma berkeleyi* Lloyd [‡, NR]  
*Tulostoma brumale* Pers. [‡, NR]  
*Tulostoma fimbriatum* Fr. [‡, NR]  
*Tulostoma fimbriatum* var. *campestre* (Morgan) G. Moreno [‡, NR]  
*Tulostoma longii* Lloyd [‡, NR]  
*Tulostoma melanocyclus* Bres. [‡, NR]  
*Tulostoma pygmaeum* Lloyd [‡, NR]  
*Tulostoma simulans* Lloyd [‡, NR]  
*Tulostoma striatum* G. Cunn. [‡, NR]  
*Typhula subfasciculata* Ellis & Everh [‡, NR]  
*Vascellum cruciatum* (Rostk.) P. Ponce de León [†, ‡]  
*Vascellum curtisii* (Berk.) Kreisel [‡, NR]  
*Vascellum pratense* (Pers.) Kreisel [‡, NR]  
*Volvariella bombycina* (Schaeff.) Singer [†, ‡]  
*Volvariella gloiocephala* (DC.) Boekhout & Enderle [†, ‡]  
*Volvariella hypopithys* (Fr.) Shaffer [‡, NR]  
*Volvariella pusilla* (Pers.) Singer [†, ‡]  
*Xeromphalina campanella* (Batsch) Kühner & Maire [†, ‡]  
*Xeromphalina kauffmanii* A.H. Sm. [‡, NR]  
*Xeromphalina tenuipes* (Schwein.) A.H. Sm. [‡, NR]  
*Xerula furfuracea* (Peck) Redhead, Ginns & Shoemaker [‡, NR]  
*Xerula megalospora* (Clem.) Redhead, Ginns & Shoemaker [‡, NR]  
*Xerula limonispora* R.H. Petersen [‡, NR]  
*Xerula longipes* (Quél.) Maire [†]  
*Xerula radicata* (Relhan) Dörfelt [†, ‡]  
*Xerula sinopudens* R.H. Petersen & Nagas. [‡, NR]
- Atheliales**  
*Athelia arachnoidea* (Berk.) Jülich [‡, NR]  
*Byssocorticium atrovirens* (Fr.) Bondartsev & Singer ex Singer [‡, NR]
- Auriculariales**  
*Auricularia americana* Parmasto & I. Parmasto ex Audet [‡, NR]  
*Auricularia auricula-judae* (Bull.) J. Schröt. [†, ‡]  
*Seisimosarca alba* Lloyd [‡, NR]  
*Tremellodendron schweinitzii* G.F. Atk. [†]
- Boletales**  
*Astraeus hygrometricus* (Pers.) Morgan [†, ‡]  
*Aureoboletus auriporus* (Peck) Pouzar [†, ‡]  
*Austroboletus gracilis* (Peck) Wolfe [†]  
*Boletellus chrysenteroides* (Snell) Snell [‡, NR]  
*Boletellus russellii* (Frost) E.-J. Gilbert [‡, NR]  
*Boletinus cavipes* (Opat.) Kalchbr. [‡, NR]  
*Boletus auripes* Peck [†]  
*Boletus badius* (Fr.) Fr. [†]  
*Boletus bicolor* var. *bicolor* Raddi [†, ‡]  
*Boletus bicolor* var. *subreticulatus* A.H. Sm. & Thiers [‡, NR]  
*Boletus calopus* Pers. [†]  
*Boletus campestris* A.H. Sm. & Thiers [†]  
*Boletus conicus* Rav. [†]  
*Boletus curtisii* Berk. [‡, NR]  
*Boletus edulis* Bull. [†, ‡]  
*Boletus frostii* J.L. Russell [†, ‡]  
*Boletus fumosiceps* (Murrill) Murrill [†]  
*Boletus glabellus* Peck [‡, NR]  
*Boletus illudens* Peck [‡, NR]  
*Boletus indecisus* Peck [†]  
*Boletus inedulis* (Murrill) Murrill [†]  
*Boletus innixus* Frost [†]  
*Boletus luridus* Schaeff. [†]  
*Boletus luridiformis* Rostk. [†]  
*Boletus magnisporus* Frost [†]  
*Boletus mariae* A.H. Sm. & Thiers [‡, NR]  
*Boletus miniatoolivaceus* Frost [‡, NR]

- Boletus miniatopallescens* A.H. Sm. & Thiers [‡, NR]  
*Boletus modestus* Peck [†, ‡]  
*Boletus nigrellus* Peck [†]  
*Boletus ornatipes* Peck [†, ‡]  
*Boletus pallidus* Frost [†, ‡]  
*Boletus peckii* Frost [‡, NR]  
*Boletus pseudosensibilis* A.H. Sm. & Thiers [‡, NR]  
*Boletus reticulatus* Schaeff. [†]  
*Boletus retipes* Berk & M.A. Curtis [†]  
*Boletus rubropunctus* Peck [‡, NR]  
*Boletus sensibilis* Peck [‡, NR]  
*Boletus speciosus* Frost [†]  
*Boletus subfraternus* Coker & Beers [†, ‡]  
*Boletus subglabripes* Peck [†]  
*Boletus subsanguineus* Peck [†, ‡]  
*Boletus subvelutipes* Peck [†, ‡]  
*Boletus tenax* A.H. Sm. & Thiers [‡, NR]  
*Boletus variipes* Peck [‡, NR]  
*Boletus vermiculosus* Peck [†]  
*Bothia castanella* (Peck) Halling [‡, NR]  
*Chalciporus piperatoides* (A.H. Sm. & Thiers) T.J. Baroni & Both [‡, NR]  
*Chalciporus piperatus* (Bull.) Bataille [‡, NR]  
*Chroogomphus ochraceus* (Kauffman) O.K. Mill. [‡, NR]  
*Coniophora arida* (Fr.) P. Karst. [‡, NR]  
*Coniophora olivacea* (Fr.) P. Karst. [‡, NR]  
*Coniophora puteana* (Schumach.) P. Karst. [†]  
*Cyanoboletus pulverulentus* (Opat.) Gelardi [†]  
*Gomphidius flavipes* Peck [‡, NR]  
*Gyroporus castaneus* (Bull.) Quéf. [†, ‡]  
*Gyroporus cyanescens* (Bull.) Quéf. [†, ‡]  
*Gyroporus cyanescens* var. *violaceotinctus* Watling [‡, NR]  
*Gyrodon merulioides* (Schwein.) Singer [†, ‡]  
*Hygrophoropsis aurantiaca* (Wulfen) Maire [†, ‡]  
*Leccinum albellum* (Peck) Singer [†, ‡]  
*Leccinum crocipodium* (Letell.) Watling [‡, NR]  
*Leccinum holopus* var. *holopus* (Rostk.) Watling [‡, NR]  
*Leccinum holopus* var. *americanum* A.H. Sm. & Thiers [‡, NR]  
*Leccinum insigne* A.H. Sm., Thiers & Watling [‡, NR]  
*Leccinum oxydabile* (Singer) Singer [‡, NR]  
*Leccinum pseudoscabrum* (Kallenb.) Šutara [‡, NR]  
*Leccinum rugosiceps* (Peck) Singer [‡, NR]  
*Leccinum scabrum* (Bull.) Gray [†, ‡]  
*Leccinum snellii* A.H. Sm., Thiers & Watling [‡, NR]  
*Leccinum subglabripes* (Peck) Singer [‡, NR]  
*Leccinum subleucophaeum* E.A. Dick & Snell [‡, NR]  
*Leucogyrophana pinastri* (Fr.) Ginns & Weresub [‡, NR]  
*Melanogaster broomeanus* Berk. [‡, NR]  
*Paxillus involutus* (Batsch) Fr. [†, ‡]  
*Phylloporus leucomyelinus* Singer [‡, NR]  
*Phylloporus rhodoxanthus* (Schwein.) Bres. [†, ‡]  
*Pisolithus arrhizus* (Scop.) Rauschert [‡, NR]  
*Plicaturopsis crispa* (Pers.) D.A. Reid [†, ‡]  
*Pseudoboletus parasiticus* (Bull.) Šutara [‡, NR]  
*Pseudomerulius aureus* (Fr.) Jülich [‡, NR]  
*Retiboletus griseus* (Frost) Manfr. Binder & Bresinsky [‡, NR]  
*Rhizopogon roseolus* (Corda) Th. Fr. [‡, NR]  
*Rubinoboletus ballouii* (Peck) Heinem. & Ramme-  
 loo [‡, NR]  
*Scleroderma areolatum* Ehrenb. [†, ‡]  
*Scleroderma aurantium* (L.) Pers. [‡, NR]  
*Scleroderma bovista* Fr. [‡, NR]  
*Scleroderma cepa* Pers. [‡, NR]  
*Scleroderma citrinum* Pers. [†, ‡]  
*Scleroderma flavidum* Ellis & Everh. [‡, NR]  
*Scleroderma polyrhizum* (J.F. Gmel.) Pers. [†, ‡]  
*Scleroderma septentrionale* Jeppson [‡, NR]  
*Scleroderma verrucosum* (Bull.) Pers. [†]  
*Serpula lacrymans* (Wulfen) P. Karst. [†, ‡]  
*Strobilomyces confusus* Singer [‡, NR]  
*Strobilomyces strobilaceus* (Scop.) Berk. [†, ‡]  
*Suillus acidus* (Peck) Singer [‡, NR]  
*Suillus americanus* (Peck) Snell [‡, NR]  
*Suillus collinitus* (Fr.) Kuntze [†]  
*Suillus granulatus* (L.) Roussel [‡, NR]  
*Suillus grevillei* (Klotzsch) Singer [‡, NR]  
*Suillus hirtellus* (Peck) Kuntze [‡, NR]  
*Suillus luteus* (L.) Roussel [†, ‡]  
*Suillus pictus* A.H. Sm. & Thiers [†, ‡]  
*Suillus purpureus* (Fr. & Hök) Kuntze [†]  
*Suillus salmonicolor* (Frost) Halling [‡, NR]  
*Suillus subaureus* (Peck) Snell [‡, NR]  
*Tapinella atrotomentosa* (Batsch) Šutara [‡, NR]  
*Tapinella panuoides* (Fr.) E.-J. Gilbert [†, ‡]  
*Tylopilus alboater* (Schwein.) Murrill [‡, NR]  
*Tylopilus eximius* (Peck) Singer [†]  
*Tylopilus felleus* (Bull.) P. Karst. [†, ‡]  
*Tylopilus indecisus* (Peck) Murrill [‡, NR]  
*Tylopilus rubrobrunneus* Mazzer & A.H. Sm. [‡, NR]  
*Tylopilus sordidus* (Frost) A.H. Sm. & Thiers [‡, NR]  
*Veligaster nitidus* (Berk.) Guzmán & Tapia [†]  
*Xanthoconium affine* (Peck) Singer [†, ‡]  
*Xanthoconium affine* var. *maculosus* (Peck) Singer [‡, NR]

*Xanthoconium purpureum* Snell & E.A. Dick [‡, NR]  
*Xanthoconium separans* (Peck) Halling & Both [‡, ‡]  
*Xerocomellus chrysenderon* (Bull.) Šutara [‡, ‡]  
*Xerocomus rubellus* (Krombh.) Quél. [‡, ‡]  
*Xerocomus subtomentosus* (L.) Quél. [‡, ‡]  
*Xerocomus truncatus* Singer, Snell & E.A. Dick [‡, NR]

### Cantharellales

*Botryobasidium medium* J. Erikss. [‡, NR]  
*Botryobasidium subcoronatum* (Höhn. & Litsch.) Donk [‡, NR]  
*Botryobasidium vagum* (Berk. & M.A. Curtis) D.P. Rogers [‡, NR]  
*Botryohypochnus isabellinus* (Fr.) J. Erikss. [‡, NR]  
*Cantharellus chicagoensis* Leacock, J. Riddell, Rui Zhang & G.M. Muell. [‡, ‡]  
*Cantharellus cibarius* Fr. [‡, ‡]  
*Cantharellus cinnabarinus* (Schwein.) Schwein. [‡, ‡]  
*Cantharellus flavus* M.J. Foltz & T.J. Volk [‡, NR]  
*Cantharellus ignicolor* R.H. Petersen [‡, NR]  
*Cantharellus infundibuliformis* (Scop.) Fr. [‡, ‡]  
*Cantharellus lateritius* (Berk.) Singer [‡, ‡]  
*Cantharellus lutescens* (Pers.) Fr. [‡]  
*Cantharellus minor* Peck [‡, ‡]  
*Cantharellus tubaeformis* Fr. [‡]  
*Cantharellus wrightii* Berk. & M.A. Curtis [‡]  
*Ceratobasidium stevensii* (Burt) P.H.B. Talbot [‡, NR]  
*Clavulina amethystina* (Bull.) Donk [‡]  
*Clavulina cinerea* (Bull.) J. Schröt. [‡, ‡]  
*Clavulina cristata* (Holmsk.) J. Schröt. [‡]  
*Craterellus convolvulatus* (A.H. Sm.) Eyssart. & Buyck [‡, NR]  
*Craterellus cornucopioides* (L.) Pers. [‡, ‡]  
*Craterellus dubius* Peck [‡, NR]  
*Craterellus fallax* A.H. Sm. [‡, NR]  
*Haplotrichum croceum* (Mont.) Partr. & Morgan-Jones [‡, NR]  
*Haplotrichum curtisii* (Berk.) Hol.-Jech. [‡, ‡]  
*Haplotrichum simile* (Berk.) Hol.-Jech. [‡, NR]  
*Hydnellum aurantiacum* (Batsch) P. Karst. [‡, NR]  
*Hydnellum caeruleum* (Hornem.) P. Karst. [‡, NR]  
*Hydnellum conrescens* (Pers.) Banker [‡, NR]  
*Hydnellum peckii* Banker [‡, NR]  
*Hydnellum scrobiculatum* (Fr.) P. Karst. [‡, NR]  
*Hydnellum spongiosipes* (Peck) Pouzar [‡, NR]  
*Hydnum albiceps* Berk. & Ravenel ex Cooke [‡, NR]

*Hydnum albidum* Peck [‡, ‡]  
*Hydnum combinans* Peck [‡]  
*Hydnum flabelliforme* Berk. [‡, NR]  
*Hydnum membranaceum* Bull. [‡, NR]  
*Hydnum mucidum* Pers. ex J.F. Gmel. [‡]  
*Hydnum repandum* L. [‡, ‡]  
*Hydnum umbilicatum* Peck [‡, NR]  
*Hydnum velutinum* Fr. [‡, NR]  
*Multiclavula mucida* (Pers.) R.H. Petersen [‡, ‡]  
*Pseudocraterellus undulatus* (Pers.) Rauschert [‡, NR]  
*Rhizoctonia solani* J.G. Kühn [‡, ‡]  
*Tulasnella bifrons* Bourdot & Galzin [‡, NR]  
*Tulasnella pinicola* Bres. [‡, NR]  
*Tulasnella pruinosa* Bourdot & Galzin [‡, NR]  
*Tulasnella violacea* (Johan-Olsen) Juel [‡, NR]  
*Tulasnella violea* (Quél.) Bourdot & Galzin [‡, NR]

### Corticiales

*Corticium roseocarneum* (Schwein.) Hjortstam [‡, ‡]  
*Corticium roseum* Pers. [‡, NR]  
*Cytidia salicina* (Fr.) Burt [‡, NR]  
*Dendrothele acerina* (Pers.) P.A. Lemke [‡, NR]  
*Dendrothele candida* (Schwein.) P.A. Lemke [‡, ‡]  
*Dendrothele macrodens* (Coker) P.A. Lemke [‡, NR]  
*Dendrothele nivosa* (Berk. & M.A. Curtis ex Höhn. & Litsch.) P.A. Lemke [‡, ‡]  
*Mycolindtneria trachyspora* (Bourdot & Galzin) Rauschert [‡, NR]  
*Punctularia strigosozonata* (Schwein.) P.H.B. Talbot [‡, NR]

### Dacrymycetales

*Calocera cornea* (Batsch) Fr. [‡, ‡]  
*Dacrymyces australis* Lloyd [‡, NR]  
*Dacrymyces chrysospermus* Berk. & M.A. Curtis [‡, NR]  
*Dacrymyces ellisii* Coker [‡, NR]  
*Dacrymyces stillatus* Nees [‡, NR]  
*Dacryopinax spathularia* (Schwein.) G.W. Martin [‡, ‡]

### Exobasidiales

*Exobasidium symploci* Ellis & G. Martin [‡, NR]  
*Exobasidium vaccinii* (Fuckel) Woronin [‡, ‡]

### Gaestrales

*Geastrum arenarium* Lloyd [‡, NR]  
*Geastrum coronatum* Pers. [‡, NR]  
*Geastrum elegans* Vittad. [‡, NR]  
*Geastrum fimbriatum* Fr. [‡, NR]

*Geastrum lageniforme* Vittad. [‡, NR]  
*Geastrum minimum* Schwein. [†, ‡]  
*Geastrum morgani* Lloyd [‡, NR]  
*Geastrum rufescens* Pers. [‡, NR]  
*Geastrum saccatum* Fr. [†, ‡]  
*Geastrum triplex* Jungh. [†, ‡]  
*Geastrum velutinum* Morgan [‡, NR]  
*Myriostoma coliforme* (Dicks.) Corda [‡, NR]  
*Sphaerobolus stellatus* Tode [‡, NR]

### Gloeophyllales

*Gloeophyllum sepiarium* (Wulfen) P. Karst. [†, ‡]  
*Gloeophyllum trabeum* (Pers.) Murrill [†, ‡]  
*Neolentinus suffrutescens* (Brot.) T.W. May & A.E. Wood [†, ‡]

### Gomphales

*Clavariadelphus pistillaris* (L.) Donk [†, ‡]  
*Corallium formosum* (Pers.) G. Hahn [†]  
*Gomphus floccosus* (Schwein.) Singer [‡, NR]  
*Kavinia himantia* (Schwein.) J. Erikss. [‡, NR]  
*Lentaria byssiseda* Corner [‡, NR]  
*Lentaria micheneri* (Berk. & M.A. Curtis) Corner [‡, NR]  
*Lentaria patouillardii* (Bres.) Corner [‡, NR]  
*Ramaria abietina* (Pers.) Quél. [‡, NR]  
*Ramaria apiculata* (Fr.) Donk [‡, NR]  
*Ramaria aurea* (Schaeff.) Quél. [†, ‡]  
*Ramaria botrytis* (Pers.) Ricken [‡, NR]  
*Ramaria decurrens* (Pers.) R.H. Petersen [‡, NR]  
*Ramaria gracilis* (Pers.) Quél. [†]  
*Ramaria murrillii* (Coker) Corner [†]  
*Ramaria obtusissima* (Peck) Corner [‡, NR]  
*Ramaria stricta* (Pers.) Quél. [‡, NR]  
*Ramaria stricta* var. *concolor* Corner [‡, NR]  
*Ramaria suecica* (Fr.) Donk [†]  
*Ramaricium polyporoideum* (Berk. & M.A. Curtis) Ginns [‡, NR]  
*Ramariopsis kunzei* (Fr.) Corner [‡, NR]

### Hymenochaetales

*Basidirodulum radula* (Fr.) Nobles [†]  
*Coltricia cinnamomea* (Jacq.) Murrill [†, ‡]  
*Coltricia focicola* (Berk. & M.A. Curtis) Murrill [†]  
*Coltricia montagnei* (Fr.) Murrill [‡, NR]  
*Coltricia perennis* (L.) Murrill [†, ‡]  
*Cotylidia pallida* (Pers.) Biodin [†]  
*Fibricium rude* (P. Karst.) Jülich [‡, NR]  
*Fulvifomes johnsonianus* (Murrill) Y.C. Dai [‡, NR]  
*Fuscoporia gilva* (Schwein.) T. Wagner & M. Fisch. [†, ‡]  
*Hydnochaete olivacea* (Schwein.) Banker [†, ‡]

*Hymenochaete cinnamomea* subsp. *spreta* (Peck) Parmasto [†, ‡]  
*Hymenochaete corrugata* (Fr.) Lév. [‡, NR]  
*Hymenochaete curtisii* (Berk.) Morgan [‡, NR]  
*Hymenochaete fuliginosa* (Pers.) Lév. [†, ‡]  
*Hymenochaete rubiginosa* (Dicks.) Lév. [†, ‡]  
*Hyphodontia arguta* (Fr.) J. Erikss. [‡, NR]  
*Hyphodontia aspera* (Fr.) J. Erikss. [‡, NR]  
*Hyphodontia bugellensis* (Ces.) J. Erikss. [‡, NR]  
*Hyphodontia latitans* (Bourdot & Galzin) Ginns & M.N.L. Lefebvre [‡, NR]  
*Hyphodontia quercina* (Pers.) J. Erikss. [‡, NR]  
*Hyphodontia spathulata* (Schrad.) Parmasto [‡, NR]  
*Inonotus andersonii* (Ellis & Everh.) Cerný [‡, NR]  
*Inonotus cuticularis* (Bull.) P. Karst. [†, ‡]  
*Inonotus dryadeus* Fr. [†]  
*Inonotus glomeratus* (Peck) Murrill [‡, NR]  
*Inonotus hispidus* (Bull.) P. Karst. [†, ‡]  
*Inonotus obliquus* (Ach. ex Pers.) Pilát [†]  
*Inonotus radiatus* (Sowerby) P. Karst. [†, ‡]  
*Onnia tomentosa* (Fr.) P. Karst. [‡, NR]  
*Oxyporus corticola* (Fr.) Ryvarden [†, ‡]  
*Oxyporus latemarginatus* (Durieu & Mont.) Donk [†, ‡]  
*Oxyporus pellicula* (Jungh.) Ryvarden [‡, NR]  
*Oxyporus populinus* (Schumach.) Donk [†, ‡]  
*Phellinus conchatus* (Pers.) Quél. [†, ‡]  
*Phellinus contiguus* (Pers.) Pat. [‡, NR]  
*Phellinus everhartii* (Ellis & Galloway) A. Ames [†, ‡]  
*Phellinus ferrugineofuscus* (P. Karst.) Bourdot [‡, NR]  
*Phellinus ferruginosus* (Schrad.) Pat. [‡, NR]  
*Phellinus gilvus* (Schwein.) Pat. [†, ‡]  
*Phellinus igniarius* (L.) Quél. [†, ‡]  
*Phellinus laevigatus* (Fr.) Bourdot & Galzin [‡, NR]  
*Phellinus nigricans* (Fr.) P. Karst. [†, ‡]  
*Phellinus prunicola* (Murrill) Gilb. [‡, NR]  
*Phellinus punctatus* (P. Karst.) Pilát [‡, NR]  
*Phellinus ribis* (Schumach.) Quél. [†, ‡]  
*Phellinus rimosus* (Berk.) Pilát [‡, NR]  
*Phellinus robiniae* (Murrill) A. Ames [‡, NR]  
*Phellinus robustus* (P. Karst.) Bourdot & Galzin [‡, NR]  
*Phellinus viticola* (Schwein.) Donk [‡, NR]  
*Polystictus hirsutus* var. *marginatus* (Bres. ex Schulzer) Sacc. [†, ‡]  
*Porodaedalea pini* (Brot.) Murrill [†]  
*Pseudochaete tabacina* (Sowerby) T. Wagner & M. Fisch. [‡, NR]  
*Pycnoporus cinnabarinus* (Jacq.) P. Karst. [†, ‡]  
*Rickenella fibula* (Bull.) Raithehl. [‡, NR]

*Schizopora paradoxa* (Schrad.) Donk [†, ‡]  
*Schizopora radula* (Pers.) Hallenb. [‡, NR]  
*Skvortzovia furfurella* (Bres.) Bononi & Hjortstam  
 [‡, NR]

### Phallales

*Lysurus cruciatus* (Lepr. & Mont.) Henn. [†, ‡]  
*Lysurus periphragmoides* (Klotzsch) Dring [†, ‡]  
*Mutinus caninus* (Huds.) Fr. [†, ‡]  
*Mutinus elegans* (Mont.) E. Fisch [†]  
*Mutinus ravenelii* (Berk. & M.A. Curtis) E. Fisch.  
 [†]  
*Phallus hadriani* Vent. [‡, NR]  
*Phallus impudicus* L. [†, ‡]  
*Phallus impudicus* var. *togatus* (Kalchbr.) Cos-  
 tantin & L.M. Dufour [†, ‡]  
*Phallus ravenelii* Berk. & M.A. Curtis [‡, NR]

### Polyporales

*Abortiporus biennis* (Bull.) Singer [†, ‡]  
*Antrodia albida* (Fr.) Donk [†, ‡]  
*Antrodia albobrunnea* (Romell) Ryvar-  
 den [‡, NR]  
*Antrodia juniperina* (Murrill) Niemelä & Ryvar-  
 den [‡, NR]  
*Antrodia lenis* (P. Karst.) Ryvar-  
 den [‡, NR]  
*Antrodia malicola* (Berk. & M.A. Curtis) Donk [‡,  
 NR]  
*Antrodia oleracea* (R.W. Davidson & Lombard)  
 Ryvar-  
 den [‡, NR]  
*Antrodia sinuosa* (Fr.) P. Karst. [‡, NR]  
*Antrodia xantha* (Fr.) Ryvar-  
 den [‡, NR]  
*Antrodiella semisupina* (Berk. & M.A. Curtis)  
 Ryvar-  
 den [‡, NR]  
*Aurantiporus fissilis* (Berk. & M.A. Curtis) H.  
 Jahn ex Ryvar-  
 den [‡, NR]  
*Bjerkandera adusta* (Willd.) P. Karst. [†, ‡]  
*Bjerkandera fumosa* (Pers.) P. Karst. [†, ‡]  
*Byssomerulius incarnatus* (Schwein.) Gilb. [†, ‡]  
*Ceriporia purpurea* (Fr.) Donk [‡, NR]  
*Ceriporia spissa* (Schwein. ex Fr.) Rajchenb. [‡,  
 NR]  
*Ceriporia tarda* (Berk.) Ginns [†, ‡]  
*Ceriporia viridans* (Berk. & Broome) Donk [‡,  
 NR]  
*Ceriporiopsis mucida* (Pers.) Gilb. & Ryvar-  
 den [‡,  
 NR]  
*Ceriporiopsis subrufa* (Ellis & Dearn.) Ginns [‡,  
 NR]  
*Cerrena unicolor* (Bull.) Murrill [†, ‡]  
*Climacocystis borealis* (Fr.) Kotl. & Pouzar [‡,  
 NR]  
*Climacodon pulcherrimus* (Berk. & M.A. Curtis)  
 Nikol. [†, ‡]  
*Climacodon septentrionalis* (Fr.) P. Karst. [†, ‡]

*Corioloopsis floccosa* (Jungh.) Ryvar-  
 den [†, ‡]  
*Corioloopsis gallica* (Fr.) Ryvar-  
 den [†, ‡]  
*Corioloopsis trogii* (Berk.) Domanski [‡, NR]  
*Dacryobolus sudans* (Alb. & Schwein.) Fr. [‡, NR]  
*Daedalea quercina* (L.) Pers. [†, ‡]  
*Daedaleopsis confragosa* var. *confragosa* (Bolton)  
 J. Schröt. [†, ‡]  
*Daedaleopsis septentrionalis* (P. Karst.) Niemelä  
 [‡, NR]  
*Datronia mollis* (Sommerf.) Donk [‡, NR]  
*Datronia scutellata* (Schwein.) Gilb. & Ryvar-  
 den [‡, NR]  
*Diplomitoporus overholtsii* (Pilát) Gilb. & Ryvar-  
 den [‡, NR]  
*Erastia salmonicolor* (Berk. & M.A. Curtis)  
 Niemelä & Kinnunen [‡, NR]  
*Favolus albidus* Masee [‡, NR]  
*Fibroporia radiculosa* (Peck) Parmasto [‡, NR]  
*Fomes fomentarius* (L.) Fr. [†, ‡]  
*Fomes fulvus* (Scop.) Gillet [†, ‡]  
*Fomes meliae* (Underw.) Murrill [‡, NR]  
*Fomitopsis cajanderi* (P. Karst.) Kotl. & Pouzar [†]  
*Fomitopsis durescens* (Overh. ex J. Lowe) Gilb. &  
 Ryvar-  
 den [‡, NR]  
*Fomitopsis palustris* (Berk. & M.A. Curtis) Gilb.  
 & Ryvar-  
 den [‡, NR]  
*Fomitopsis spraguei* (Berk. & M.A. Curtis) Gilb. &  
 Ryvar-  
 den [†, ‡]  
*Fuscocerrena portoricensis* (Spreng. ex Fr.) Ry-  
 var-  
 den [‡, NR]  
*Ganoderma australe* (Fr.) Pat. [‡, NR]  
*Ganoderma applanatum* (Pers.) Pat. [†, ‡]  
*Ganoderma cupreolaccatum* (Kalchbr.) Z.  
 Igmándy [‡, NR]  
*Ganoderma curtisii* (Berk.) Murrill [‡, NR]  
*Ganoderma lipsiense* (Batsch) G.F. Atk. [†, ‡]  
*Ganoderma lucidum* (Curtis) P. Karst. [†, ‡]  
*Ganoderma resinaceum* Boud. [‡, NR]  
*Ganoderma sessile* Murrill [†, ‡]  
*Ganoderma tsugae* Murrill [‡, NR]  
*Globifomes graveolens* (Schwein.) Murrill [†, ‡]  
*Gloeoporus dichrous* (Fr.) Bres. [†, ‡]  
*Gloeoporus theleporoides* (Hook.) G. Cunn. [†, ‡]  
*Grifola frondosa* (Dicks.) Gray [†, ‡]  
*Hapalopilus croceus* (Pers.) Bondartsev & Singer  
 [†, ‡]  
*Hapalopilus nidulans* (Fr.) P. Karst. [‡, NR]  
*Hapalopilus rutilans* (Pers.) Murrill [‡, NR]  
*Haploporus odoratus* (Sommerf.) Bondartsev &  
 Singer ex Singer [‡, NR]  
*Heliocybe sulcata* (Berk.) Redhead & Ginns [‡,  
 NR]  
*Hjortstamia crassa* (Lév.) Boidin & Gilles [‡, NR]



- Hyphoderma litschaueri* (Burt) J. Erikss. & Å. Strid [‡, NR]  
*Hyphoderma mutatum* (Peck) Donk [†, ‡]  
*Hyphoderma populneum* (Peck) Donk [‡, NR]  
*Hyphoderma puberum* (Fr.) Wallr. [‡, NR]  
*Hyphoderma rubropallens* (Schwein.) Ginns [‡, NR]  
*Hyphoderma setigerum* (Fr.) Donk [‡, NR]  
*Hyphoderma tenue* (Pat.) Donk [‡, NR]  
*Hypochnicium lundellii* (Bourdot) J. Erikss. [‡, NR]  
*Inonotus andersonii* (Ellis & Everh.) Cerný [‡, NR]  
*Inonotus cuticularis* (Bull.) P. Karst. [†]  
*Inonotus hispidus* (Bull.) P. Karst. [†]  
*Inocutis rheades* (Pers.) Fiasson & Niemelä [†]  
*Irpex fuscescens* Schwein. [†, ‡]  
*Irpex lacteus* (Fr.) Fr. [†, ‡]  
*Ischnoderma benzoinum* (Wahlenb.) P. Karst. [†, ‡]  
*Junghuhnia nitida* (Pers.) Ryvarden [‡, NR]  
*Laetiporus cincinnatus* (Morgan) Burds. [‡, NR]  
*Laetiporus sulphureus* (Bull.) Murrill [†, ‡]  
*Lentinus levis* (Berk. & M.A. Curtis) Murrill [‡, NR]  
*Lentinus strigosus* Fr. [†, ‡]  
*Lentinus tigrinus* (Bull.) Fr. [†, ‡]  
*Lenzites betulina* (L.) Fr. [†, ‡]  
*Lenzites elegans* (Spreng.) Pat. [†, ‡]  
*Lenzites flaccida* Fr. [†]  
*Lenzites stereoides* (Fr.) Ryvarden [‡, NR]  
*Lopharia cinerascens* (Schwein.) G. Cunn. [†, ‡]  
*Melanoporia nigra* (Berk.) Murrill [†, ‡]  
*Meripilus giganteus* (Pers.) P. Karst. [†, ‡]  
*Microporellus obovatus* (Jungh.) Ryvarden [‡, NR]  
*Mutatoderma heterocystidiatum* (Burt) C.E. Gómez [‡, NR]  
*Mycoacia aurea* (Fr.) J. Erikss. & Ryvarden [‡, NR]  
*Mycoacia uda* (Fr.) Donk [‡, NR]  
*Mycorrhaphium adustum* (Banker) Ryvarden [‡, NR]  
*Mycorrhaphium adustum* (Schwein.) Maas Geest. [†, ‡]  
*Osteina obducta* (Berk.) Donk [‡, NR]  
*Panus conchatus* (Bull.) Fr. [†, ‡]  
*Perenniporia fraxinea* (Bull.) Ryvarden [‡, NR]  
*Perenniporia fraxinophila* (Peck) Ryvarden [‡, NR]  
*Perenniporia medulla-panis* (Jacq.) Donk [†, ‡]  
*Perenniporia ohioensis* (Berk.) Ryvarden [‡, NR]  
*Perenniporia robiniophila* (Murrill) Ryvarden [†, ‡]  
*Perenniporia subacida* (Peck) Donk [‡, NR]  
*Perenniporia tenuis* (Schwein.) Ryvarden [‡, NR]  
*Perenniporia tenuis* var. *pulchella* (Schwein.) Gilb. & Ryvarden [‡, NR]  
*Perenniporia variegata* Ryvarden & Gilb. [‡, NR]  
*Phaeolus schweinitzii* (Fr.) Pat. [‡, NR]  
*Phanerochaete affinis* (Burt) Parmasto [‡, NR]  
*Phanerochaete avellanea* (Bres.) J. Erikss. & Hjortstam [‡, NR]  
*Phanerochaete burtii* (Romell) Parmasto [‡, NR]  
*Phanerochaete chrysorhiza* (Torr.) Budington & Gilb. [†, ‡]  
*Phanerochaete filamentosa* (Berk. & M.A. Curtis) Burds. [‡, NR]  
*Phanerochaete laevis* (Fr.) J. Erikss. & Ryvarden [‡, NR]  
*Phanerochaete sanguinea* (Fr.) Pouzar [‡, NR]  
*Phanerochaete sordida* (P. Karst.) J. Erikss. & Ryvarden [†, ‡]  
*Phanerochaete velutina* (DC.) P. Karst. [‡, NR]  
*Phlebia albida* H. Post [‡, NR]  
*Phlebia chrysocreas* (Berk. & M.A. Curtis) Burds. [‡, NR]  
*Phlebia cinnabarina* Fr. [‡, NR]  
*Phlebia hydnoidea* Schwein. [†]  
*Phlebia livida* (Pers.) Bres. [‡, NR]  
*Phlebia ludoviciana* (Burt) Nakasone & Burds. [‡, NR]  
*Phlebia queletii* (Bourdot & Galzin) M.P. Christ. [‡, NR]  
*Phlebia radiata* Fr. [†, ‡]  
*Phlebia tremellosa* (Schrad.) Nakasone & Burds. [†, ‡]  
*Phlebiella tulasnelloidea* (Höhn. & Litsch.) Ginns & M.N.L. Lefebvre [‡, NR]  
*Phlebiella vaga* (Fr.) P. Karst. [‡, NR]  
*Phlebiopsis flavidoalba* (Cooke) Hjortstam [‡, NR]  
*Phlebiopsis gigantea* (Fr.) Jülich [‡, NR]  
*Piptoporus betulinus* (Bull.) P. Karst. [‡, NR]  
*Podoscypha ravenelii* (Berk. & M.A. Curtis) Pat. [†]  
*Polyporus admirabilis* Peck [†, ‡]  
*Polyporus albus* (Huds.) Fr. [‡, NR]  
*Polyporus alveolaris* (DC.) Bondartsev & Singer [†, ‡]  
*Polyporus arcularius* (Batsch) Fr. [†, ‡]  
*Polyporus badius* (Pers.) Schwein. [†, ‡]  
*Polyporus brumalis* (Pers.) Fr. [†, ‡]  
*Polyporus epileucus* Fr. [†, ‡]  
*Polyporus incertus* Pers. [†]  
*Polyporus melanopus* (Pers.) Fr. [†, ‡]  
*Polyporus osseus* Kalchbr. [†]  
*Polyporus paragamenus* Fr. [†]  
*Polyporus radicans* Schwein. [†, ‡]

- Polyporus rigidus* Lév. [‡, NR]  
*Polyporus salignus* (Fr.) Fr. [‡, NR]  
*Polyporus squamosus* (Huds.) Fr. [†, ‡]  
*Polyporus varius* (Pers.) Fr. [†, ‡]  
*Poria attenuata* (Peck) Sacc. [†]  
*Poria bresadolae* Bourdot & Galzin [‡, NR]  
*Poria discolor* Overh. [‡, NR]  
*Poria homaema* Sacc. [‡, NR]  
*Poria niphodes* (Berk. & Broome) Sacc. [‡, NR]  
*Poria vitellina* (Schwein.) Sacc. [‡, NR]  
*Poria xantholoma* (Schwein.) Cooke [‡, NR]  
*Poronidulus conchifer* (Schwein.) Murrill [†, ‡]  
*Postia caesia* (Schrad.) P. Karst. [‡, NR]  
*Postia floriformis* (Quél.) Jülich [‡, NR]  
*Postia fragilis* (Fr.) Jülich [‡, NR]  
*Postia guttulata* (Peck) Jülich [‡, NR]  
*Postia tephroleuca* (Fr.) Jülich [†, ‡]  
*Pycnoporellus fulgens* (Fr.) Donk [‡, NR]  
*Pycnoporus cinnabarinus* (Jacq.) P. Karst. [†, ‡]  
*Pycnoporus sanguineus* (L.) Murrill [†, ‡]  
*Rigidoporus crocatus* (Pat.) Ryvarden [‡, NR]  
*Rigidoporus lineatus* (Pers.) Ryvarden [‡, NR]  
*Rigidoporus undatus* (Pers.) Donk [†, ‡]  
*Rigidoporus vitreus* (Pers.) Donk [‡, NR]  
*Sarcodontia setosa* (Pers.) Donk [‡, NR]  
*Scopuloides hydroides* (Cooke & Masee) Hjortstam & Ryvarden [‡, NR]  
*Skeletocutis alutacea* (J. Lowe) Jean Keller [‡, NR]  
*Skeletocutis nivea* (Jungh.) Jean Keller [†, ‡]  
*Skeletocutis odora* (Peck ex Sacc.) Ginns [‡, NR]  
*Solenia conferta* Burt [†]  
*Sparassis crispa* (Wulfen) Fr. [†]  
*Sparassis laminosa* Fr. [‡, NR]  
*Spongipellis delectans* (Peck) Murrill [†, ‡]  
*Spongipellis pachyodon* (Pers.) Kotl. & Pouzar [†, ‡]  
*Spongipellis spumeus* (Sowerby) Pat. [‡, NR]  
*Spongipellis unicolor* (Schwein.) Murrill [†, ‡]  
*Sporotrichum byssinum* Link [‡, NR]  
*Sporotrichum chryseum* Peck [†, ‡]  
*Steccherinum ciliolatum* (Berk. & M.A. Curtis) Gilb. & Budington [‡, NR]  
*Steccherinum fimbriatum* (Pers.) J. Erikss. [‡, NR]  
*Steccherinum ochraceum* (Pers. ex J.F. Gmel.) Gray [†, ‡]  
*Terana caerulea* (Schrad. ex Lam.) Kuntze [†]  
*Trametes aesculi* (Fr.) Justo [‡, NR]  
*Trametes cubensis* (Mont.) Sacc. [‡, NR]  
*Trametes gibbosa* (Pers.) Fr. [‡, NR]  
*Trametes hirsuta* (Wulfen) Pilát [†, ‡]  
*Trametes ochracea* (Pers.) Gilb. & Ryvarden [†, ‡]  
*Trametes pubescens* (Schumach.) Pilát [†, ‡]  
*Trametes suaveolens* (L.) Fr. [‡, NR]
- Trametes versicolor* (L.) Lloyd [†, ‡]  
*Trametes villosa* (Sw.) Kreisel [‡, NR]  
*Trametopsis cervina* (Schwein.) Tomsovský [‡, NR]  
*Trichaptum abietinum* (Pers. ex J.F. Gmel.) Ryvarden [†, ‡]  
*Trichaptum bifforme* (Fr.) Ryvarden [†, ‡]  
*Trichaptum subchartaceum* (Murrill) Ryvarden [‡, NR]  
*Tyromyces chioneus* (Fr.) P. Karst. [†, ‡]  
*Tyromyces fumidiceps* G.F. Atk. [‡, NR]  
*Tyromyces galactinus* (Berk.) J. Lowe [‡, NR]  
*Wolfiporia dilatohypha* Ryvarden & Gilb. [‡, NR]  
*Wolfiporia extensa* (Peck) Ginns [†, ‡]
- Russulales**
- Albatrellus cristatus* (Schaeff.) Kotl. & Pouzar [†, ‡]  
*Aleurodiscus andinus* Núñez & Ryvarden [‡, NR]  
*Aleurodiscus oakesii* (Berk. & M.A. Curtis) Pat. [†, ‡]  
*Artomyces pyxidatus* (Pers.) Jülich [†, ‡]  
*Asterostroma andinum* Pat. [‡, NR]  
*Auriscalpium vulgare* Gray [†, ‡]  
*Bondarzewia berkeleyi* (Fr.) Bondartsev & Singer [†, ‡]  
*Chondrostereum purpureum* (Pers.) Pouzar [‡, NR]  
*Conferticum ochraceum* (Fr.) Hallenb. [‡, NR]  
*Dichostereum granulosum* (Fr.) Boidin & Lanq. [†]  
*Gloeopeniophorella convolvens* (P. Karst.) Boidin, Lanq. & Gilles [‡, NR]  
*Gloiodon strigosus* (Sw.) P. Karst. [†]  
*Hericium coralloides* (Scop.) Pers. [†, ‡]  
*Hericium erinaceus* (Bull.) Pers. [†, ‡]  
*Heterobasidion annosum* (Fr.) Bref. [‡, NR]  
*Lactarius affinis* Peck [†]  
*Lactarius aquizonatus* Kytöv. [‡, NR]  
*Lactarius atroviridis* Peck [‡, NR]  
*Lactarius camphoratus* (Bull.) Fr. [†, ‡]  
*Lactarius carbonicola* A.H. Sm. [‡, NR]  
*Lactarius chrysorrhoeus* Fr. [†, ‡]  
*Lactarius corrugis* Peck [†]  
*Lactarius deceptivus* Peck [†, ‡]  
*Lactarius deliciosus* (L.) Gray [†]  
*Lactarius distans* Peck [†]  
*Lactarius fragilis* (Burl.) Hesler & A.H. Sm. [‡, NR]  
*Lactarius fuliginellus* A.H. Sm. & Hesler [‡, NR]  
*Lactarius fumosus* Peck [‡, NR]  
*Lactarius gerardii* Peck [†, ‡]  
*Lactarius glaucescens* Crossl. [‡, NR]  
*Lactarius griseus* Peck [‡, NR]

- Lactarius hygrophoroides* var. *hygrophoroides* Berk. & M.A. Curtis [†, ‡]  
*Lactarius hygrophoroides* var. *lavandulaceus* Hesler & A.H. Sm. [‡, NR]  
*Lactarius hyginus* (Fr.) Fr. [†]  
*Lactarius imperceptus* Beardslee & Burl. [‡, NR]  
*Lactarius indigo* (Schwein.) Fr. [†, ‡]  
*Lactarius insulsus* (Fr.) Fr. [†, ‡]  
*Lactarius lignyotus* Fr. [†, ‡]  
*Lactarius maculatipes* Burl. [‡, NR]  
*Lactarius maculatus* Peck [‡, NR]  
*Lactarius mutabilis* Peck [‡, NR]  
*Lactarius piperatus* (L.) Pers. [†, ‡]  
*Lactarius plumbeus* (Bull.) Fr. [†]  
*Lactarius psammicola* A.H. Sm. [‡, NR]  
*Lactarius pubescens* Fr. [‡, NR]  
*Lactarius pyrogalus* (Bull.) Fr. [†, ‡]  
*Lactarius quietus* (Fr.) Fr. [‡, NR]  
*Lactarius quietus* var. *incanus* Hesler & A.H. Sm. [‡, NR]  
*Lactarius rufus* (Scop.) Fr. [†]  
*Lactarius scrobiculatus* (Scop.) Fr. [†, ‡]  
*Lactarius seriffuus* (DC.) Fr. [†, ‡]  
*Lactarius sordidus* Peck [†]  
*Lactarius subplinthogalus* Coker [‡, NR]  
*Lactarius subpurpureus* Peck [‡, NR]  
*Lactarius subseriffuus* Longyear [‡, NR]  
*Lactarius subvernalis* var. *cokeri* (A.H. Sm. & Hesler) Hesler & A.H. Sm. [‡, NR]  
*Lactarius tabidus* Fr. [†]  
*Lactarius trivialis* (Fr.) Fr. [†, ‡]  
*Lactarius uvidus* (Fr.) Fr. [†]  
*Lactarius vellereus* var. *vellereus* [†]  
*Lactarius volemus* var. *flavus* Hesler & A.H. Sm. [‡, NR]  
*Lactarius volemus* var. *volemus* (Fr.) Fr. [†, ‡]  
*Lactarius zonarius* (Bull.) Fr. [‡, NR]  
*Lactifluus subvellereus* (Peck) Nuytinck [‡, NR]  
*Lactifluus vellereus* (Fr.) Kuntze [‡, NR]  
*Laxitextum bicolor* (Pers.) Lentz [†, ‡]  
*Leaia stratosa* (Berk.) Banker [‡, NR]  
*Lentinellus cochleatus* (Pers.) P. Karst. [‡, NR]  
*Lentinellus flabelliformis* (Bolton) S. Ito [‡, NR]  
*Lentinellus micheneri* (Berk. & M.A. Curtis) Pegler [‡, NR]  
*Lentinellus ursinus* (Fr.) Kühner [†, ‡]  
*Lentinellus vulpinus* (Sowerby) Kühner & Maire [†]  
*Peniophora albobadia* (Schwein.) Boidin [‡, NR]  
*Peniophora cinerea* (Pers.) Cooke [†, ‡]  
*Peniophora erikssonii* Boidin [‡, NR]  
*Peniophora erumpens* (Burt) Boidin [‡, NR]  
*Peniophora filamentosa* (Berk. & M.A. Curtis) Moffatt [‡, NR]  
*Peniophora limitata* (Chaillet ex Fr.) Cooke [‡, NR]  
*Peniophora nuda* (Fr.) Bres. [‡, NR]  
*Peniophora rufa* (Fr.) Boidin [‡, NR]  
*Peniophora versiformis* (Berk. & M.A. Curtis) Bourdot & Galzin [‡, NR]  
*Peniophora violaceolivida* (Sommerf.) Massee [‡, NR]  
*Russula adulterina* Fr. [‡, NR]  
*Russula adusta* (Pers.) Fr. [‡, NR]  
*Russula aeruginea* Lindblad [†, ‡]  
*Russula albonigra* (Krombh.) Fr. [‡, NR]  
*Russula alutacea* (Pers.) Fr. [†]  
*Russula amoenolens* Romagn. [†, ‡]  
*Russula anomala* Peck [‡, NR]  
*Russula atropurpurea* (Krombh.) Britzelm. [†, ‡]  
*Russula ballouii* Peck [‡, NR]  
*Russula barlae* Quél. [‡, NR]  
*Russula basifurcata* Peck [†]  
*Russula brevipes* var. *brevipes* Peck [†, ‡]  
*Russula brunneoalba* De Marb. [‡, NR]  
*Russula brunneola* Burl. [‡, NR]  
*Russula brunneoviolacea* Crawshay [‡, NR]  
*Russula chloroides* (Krombh.) Bres. [‡, NR]  
*Russula cinerascens* Beardslee [‡, NR]  
*Russula claroflava* Grove [‡, NR]  
*Russula compacta* Frost [†, ‡]  
*Russula corinthii-rubra* Burl. [‡, NR]  
*Russula cremeirosea* Murrill [‡, NR]  
*Russula crustosa* Peck [†, ‡]  
*Russula cyanoxantha* (Schaeff.) Fr. [†, ‡]  
*Russula cyanoxantha* var. *variata* (Banning) Singer [†, ‡]  
*Russula cystidiosa* Murrill [‡, NR]  
*Russula decolorans* (Fr.) Fr. [†]  
*Russula delica* Fr. [†]  
*Russula densifolia* Secr. ex Gillet [†]  
*Russula disparilis* Burl. [‡, NR]  
*Russula emetica* (Schaeff.) Pers. [†, ‡]  
*Russula flavida* Frost [‡, NR]  
*Russula flavisiccans* Bills [‡, NR]  
*Russula foetens* Pers. [†]  
*Russula font-queri* Singer ex Singer [‡, NR]  
*Russula fragilis* Fr. [†]  
*Russula fragiloides* Murrill [‡, NR]  
*Russula fragrantissima* Romagn. [‡, NR]  
*Russula fucosa* Burl. [‡, NR]  
*Russula furcata* (Lam.) Pers. [†]  
*Russula galochroa* (Fr.) Fr. [‡, NR]  
*Russula granulata* Peck [†]  
*Russula heterophylla* (Fr.) Fr. [‡, NR]  
*Russula humidicola* Burl. [‡, NR]  
*Russula incarnaticeps* Murrill [‡, NR]

- Russula ionochlora* Romagn. [‡, NR]  
*Russula languida* Cern. & H. Raab [†]  
*Russula laurocerasi* Melzer [‡, NR]  
*Russula luteobasis* Peck [‡, NR]  
*Russula luteofolia* Fatto [‡, NR]  
*Russula macropoda* Singer [‡, NR]  
*Russula mariae* Peck [†, ‡]  
*Russula michiganensis* Shaffer [‡, NR]  
*Russula modesta* Peck [‡, NR]  
*Russula nigricans* Fr. [†]  
*Russula ochricompacta* Bills & O.K. Mill. [‡, NR]  
*Russula ochrophylla* Peck [†, ‡]  
*Russula operata* Burl. [‡, NR]  
*Russula ornaticeps* Burl. [‡, NR]  
*Russula paludosa* Britzelm. [‡, NR]  
*Russula pectinata* Fr. [†]  
*Russula pectinatoides* Peck [†, ‡]  
*Russula pseudointegra* Arnould & Goris ex R. Maire [‡, NR]  
*Russula pseudolepida* Singer [‡, NR]  
*Russula puellaris* Fr. [‡, NR]  
*Russula pulchra* Burl. [‡, NR]  
*Russula pulverulenta* Peck [‡, NR]  
*Russula purpurina* Quél. & Schulzer [†]  
*Russula pusilla* Peck [‡, NR]  
*Russula redolens* Burl. [‡, NR]  
*Russula rosea* Pers. [†]  
*Russula rubescens* Beardslee [‡, NR]  
*Russula rubriceps* (Kauffman) Singer [‡, NR]  
*Russula seperina* Dupain [‡, NR]  
*Russula sericeonitens* Kauffman [‡, NR]  
*Russula silvicola* Schaffer [‡, NR]  
*Russula sordida* Peck [†]  
*Russula squalida* Peck [†, ‡]  
*Russula subfoetens* W.G. Sm. [†, ‡]  
*Russula subgraminicolor* Murrill [‡, NR]  
*Russula subpunctata* Kauffman [‡, NR]  
*Russula subsericeonitens* Murrill [‡, NR]  
*Russula subtilis* Burl. [‡, NR]  
*Russula uncialis* Peck [‡, NR]  
*Russula vesca* Fr. [†]  
*Russula veteriosa* Fr. [†]  
*Russula virescens* (Schaeff.) Fr. [†, ‡]  
*Russula xerampelina* (Schaeff.) Fr. [†, ‡]  
*Scytinostroma galactinum* (Fr.) Donk [‡, NR]  
*Scytinostroma portentosum* (Berk. & M.A. Curtis) Donk [‡, NR]  
*Scytinostroma protrusum* (Burt) Nakasone [‡, NR]  
*Scytinostromella arachnoidea* (Peck) Hjortstam [†]  
*Stereum complicatum* (Fr.) Fr. [†, ‡]  
*Stereum gausapatum* (Fr.) Fr. [†, ‡]  
*Stereum hirsutum* (Willd.) Pers. [†, ‡]  
*Stereum ochraceoflavum* (Schwein.) Sacc. [‡, NR]  
*Stereum ostrea* (Blume & T. Nees) Fr. [†, ‡]  
*Stereum striatum* (Fr.) Fr. [†, ‡]  
*Stereum versicolor* (Sw.) Fr. [†, ‡]  
*Vararia investiens* (Schwein.) P. Karst. [‡, NR]  
*Xylobolus frustulatus* (Pers.) Boidin [†, ‡]  
*Xylobolus subpileatus* (Berk. & M.A. Curtis) Boidin [‡, NR]
- Septobasidiales**  
*Septobasidium pteruloides* (Mont.) Pat. [‡, NR]
- Thelephorales**  
*Hydnellum aurantiacum* (Batsch) P. Karst. [‡, NR]  
*Hydnellum caeruleum* (Hornem.) P. Karst. [‡, NR]  
*Hydnellum complicatum* Banker [‡, NR]  
*Hydnellum concrescens* (Pers.) Banker [†, ‡]  
*Hydnellum ferrugineum* (Fr.) P. Karst. [‡, NR]  
*Hydnellum scrobiculatum* (Fr.) P. Karst. [‡, NR]  
*Hydnellum spongiosipes* (Peck) Pouzar [†, ‡]  
*Phellodon atratus* K.A. Harrison [‡, NR]  
*Phellodon confluens* (Pers.) Pouzar [‡, NR]  
*Phellodon melaleucus* (Sw. ex Fr.) P. Karst. [‡, NR]  
*Phellodon niger* (Fr.) P. Karst. [†, ‡]  
*Phellodon tomentosus* (L.) Banker [‡, NR]  
*Sarcodon fennicus* (P. Karst.) P. Karst. [‡, NR]  
*Sarcodon imbricatus* (L.) P. Karst. [†, ‡]  
*Sarcodon scabrosus* (Fr.) P. Karst. [‡, NR]  
*Sarcodon thwaitesii* (Berk. & Broome) Maas Geest.[†]  
*Sarcodon versipellis* (Fr.) Nikol. [‡, NR]  
*Thelephora albidobrunnea* Schwein. [‡, NR]  
*Thelephora anthocephala* (Bull.) Fr. [‡, NR]  
*Thelephora caryophyllea* (Schaeff.) Pers. [†, ‡]  
*Thelephora cuticularis* Berk. [‡, NR]  
*Thelephora intybacea* Pers. [‡, NR]  
*Thelephora multipartita* Schwein. [†, ‡]  
*Thelephora palmata* (Scop.) Fr. [†, ‡]  
*Thelephora penicillata* (Pers.) Fr. [‡, NR]  
*Thelephora regularis* Schwein. [†, ‡]  
*Thelephora schweinitzii* Peck [†]  
*Thelephora spongiosa* Schwein. [‡, NR]  
*Thelephora terrestris* Ehrh. [‡, NR]  
*Thelephora vialis* Schwein. [‡, NR]  
*Tomentella botryoides* (Schwein.) Bourdot & Galzin [‡, NR]  
*Tomentella bryophila* (Pers.) M.J. Larsen [†, ‡]  
*Tomentella crinalis* (Fr.) M.J. Larsen [†]  
*Tomentella fusca* (Pers.) J. Schröt. [‡, NR]  
*Tomentella lapida* (Pers.) Stalpers [‡, NR]

*Tomentella rubiginosa* (Bres.) Maire [‡, NR]

### Trechisporales

*Subulicystidium brachysporum* (P.H.B. Talbot & V.C. Green) Jülich [‡, NR]

*Subulicystidium longisporum* (Pat.) Parmasto [‡, NR]

*Trechispora farinacea* (Pers.) Liberta [‡, NR]

*Trechispora fastidiosa* (Pers.) Liberta [‡, NR]

*Trechispora mollusca* (Pers.) Liberta [‡, NR]

*Trechispora stevensonii* (Berk. & Broome) K.H. Larss. [‡, NR]

### Tremellales

*Basidioidendron caesiocinereum* (Höhn. & Litsch.) Luck-Allen [‡, NR]

*Basidioidendron eyrei* (Wakef.) Luck-Allen [‡, NR]

*Ductifera pululahuana* (Pat.) Wells [‡, NR]

*Eichleriella deglubens* (Berk. & Broome) D.A. Reid [‡, NR]

*Exidia alba* (Lloyd) Burt [‡, NR]

*Exidia glandulosa* (Bull.) Fr. [†, ‡]

*Exidia nucleata* (Schwein.) Burt [‡, NR]

*Exidia recisa* (Ditmar) Fr. [†, ‡]

*Gloeotromera alba* (Lloyd) Ervin [‡, NR]

*Gloeotromera pululahuana* (Pat.) Ervin [‡, NR]

*Myxarium hyalinum* (Pers.) Donk [‡, NR]

*Pseudohydnum gelatinosum* (Scop.) P. Karst. [†]

*Sebacina concrescens* (Schwein.) P. Roberts [‡, NR]

*Sebacina epigaea* (Berk. & Broome) Neuhoff [†]

*Sebacina incrustans* (Pers.) Tul. & C. Tul. [†, ‡]

*Szygospora mycetophila* (Peck) Ginns [†]

*Tremella albida* Huds. [†]

*Tremella foliacea* Pers. [†, ‡]

*Tremella fuciformis* Berk. [†, ‡]

*Tremella mesenterica* (Schaeff.) Retz. [†, ‡]

*Tremella reticulata* (Berk.) Farl. [‡, NR]

*Tremella sparassoidea* Lloyd [‡, NR]

*Tremella vesicaria* Bull. [‡, NR]

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