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# MANAGEMENT REPORT

CHECKLIST OF FUNGI  
OF THE GREAT SMOKY MOUNTAINS  
NATIONAL PARK  
MANAGEMENT REPORT NO. 29

U. S. DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
SOUTHEAST REGION





CHECKLIST OF FUNGI  
OF THE GREAT SMOKY MOUNTAINS  
NATIONAL PARK

MANAGEMENT REPORT NO. 29

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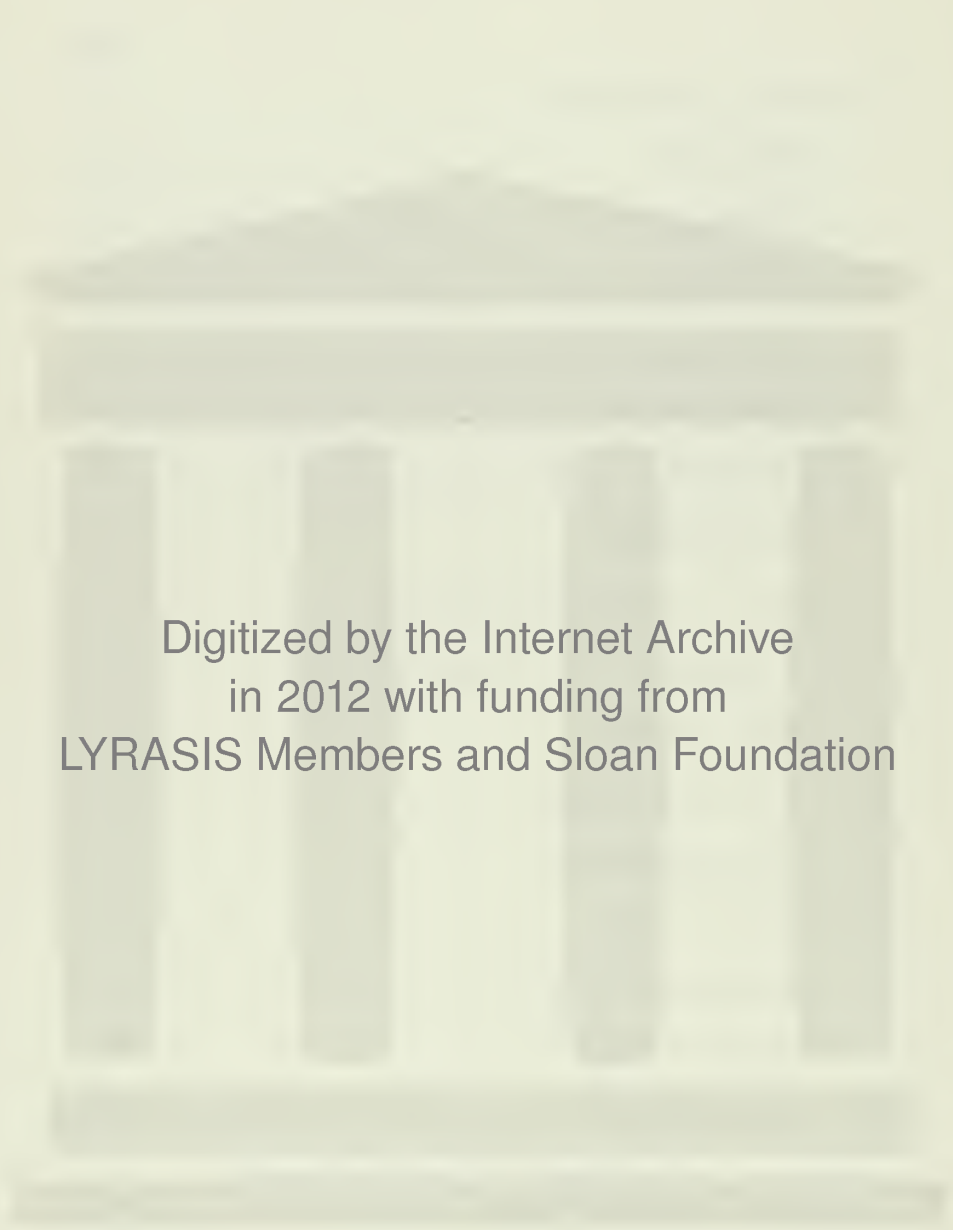
Department of the Interior  
National Park Service  
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Uplands Field Research Laboratory  
Great Smoky Mountains National Park  
Twin Creeks Area  
Gatlinburg, TN 37738



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## EDITORIAL INTRODUCTION

This list of fungi was compiled and published (*Castanea* 2:45-58, 1937) originally by Dr. Lexemuel Ray Hesler (1888-1977), who also collected and identified virtually all of its agarics. Hesler periodically updated the list, and as publications by others appeared, including fungi collected in the Great Smoky Mountains National Park, these fungus names were added. The last general revision was accomplished in 1962, and the list of agarics was updated by Hesler in 1976.

Revisions made to produce the list below have been limited more or less to non-agaric basidiomycetes; lists of specific groups have been modernized and updated by the persons whose names appear on them. Major literature dealing with the fungi is included at the conclusion of the list, mostly by Hesler, Petersen, and collaborators.

Specimens of most fungi on the list are deposited at the University of Tennessee. Over the years, however, Hesler sent several thousand specimens to experts all over eastern North America, always reserving a good portion for his own institution, and usually identifications were forthcoming and duly entered in the herbarium records. Hence identifications of most non-agarics have been determined or confirmed by experts in the appropriate groups. In his early years in agarics, Hesler sent them to Alexander Smith, but eventually gained confidence and needed only occasional confirmations.

Polypores, jelly fungi, geoglossums, and Pyrenomycetes were sent to Overholts (and later Lowe), Lowy, Mains, and Julian Miller, respectively; rusts to Drs. Arthur and Cummins; and assorted ascomycetes to Dearness. All were prompt in their replies and when not, were gently prodded. Of course, all specimens gathered in the park and deposited before 1934 were destroyed in a fire which razed the entire Botany Department. Some of these specimens had been split and presumably remain in other herbaria.

The enormity of Hesler's contribution may be seen in the number of type localities within the park. Indian Creek drainage, for instance, is the type locality for nearly 50 basidiomycetes, and Cades Cove serves the same purpose for at least three times this number. Cades Cove, in particular, has been consistently mentioned as one of the richest locales for macrofungi in the world; this is due, in part, to its intensive inventory by Hesler. After at least 40 years of collecting there, Hesler always categorically stated that he had never made a trip to "The Cove" without finding something new or very interesting. Hesler's inventory is the more complete by his incessant exportation of specimens to experts for identification and his development of keys, descriptions, and photos of great numbers of collections.

The history of mycological collecting in the park is really quite recent. In the 1850's, the Rev. Moses Ashley Curtis, residing on



the Piedmont Plateau of North and South Carolina, was appointed a founding trustee of the University of the South, Sewanee College, in the Cumberland Mountains. He made the trip to the institution site, passing through the high mountains of the state boundaries on the way. The weather apparently was dry, for he reported finding very few macrofungi.

Until the park itself was set aside in the mid-1930's, reports of fungi from areas within its eventual boundaries were almost absent. Atkinson specimens from Blowing Rock and Pisgah, NC; Murrill collections from Pink Beds and Asheville; and Burlington material from Brevard and Pink Beds were among the few samples from the area. The environs of the park were inhabited by mountain people, portrayed by Horace Kephart in the 1930's. No roads over the mountains were to be found between the Pigeon River gorge and the southern edge of the eventual park. Access from the Tennessee side of the mountains was by logging train, by foot, or by wagons from Gatlinburg (then a crossroad) through Sugarland; or from Tuckaleechee Cove (now Townsend) over Rich Mountain. On the North Carolina side, Bryson City was the only springboard, with the Cherokee Indian reservation standing between the less-than-intrepid botanist and the mountains. To this day, the Tennessee side is better known and much better sampled than the North Carolina side.

Even William Chambers Coker did not travel to the Smoky Mountains, sticking close to Chapel Hill and Highlands, NC, and occasionally Blowing Rock. The close association of Coker, Hesler, and Reinke (of Vanderbilt University) in the founding of Highlands Biological Station did not result in collecting in the Smoky Mountains, for travel from Knoxville to Highlands, NC, was by train to Asheville; not through the park area until later.

Although Hesler often collected alone or was occasionally accompanied by only his wife, he shared many productive trips with A. J. Sharp, a professor at the University of Tennessee, who was, if anything, an even more inveterate field investigator than Hesler. Another enthusiast was Arthur Stupka, for years the Park Naturalist, and the three were often companions. Over the years, visits by outside workers have increased and a half dozen Ph.D. students have used the park as a home collecting ground.

Foreign mycologists have visited the park on several occasions. In 1939, a Mycological Society of America Foray was held in Gatlinburg, with Jacob Lange, the eminent Danish mycologist, and his very young son, Morten, in attendance. Morten, not yet a teenager, was reported to have known all the genera of agarics, much to the amazement of the American workers. In 1968, a score of eminent European basidiomycete taxonomists spent a week of field trips in the park as part of the Hesler Symposium held at the University of Tennessee.

Special herbarium labels were printed for the occasion and Great Smoky Mountains National Park fungi can be found scattered in European herbaria. Most recently, several foreign workers spent five days in the park in September 1977, following the Second International Mycological Congress in Tampa, Florida. Individual mention must be made of a year in residence by M. A. Donk, resulting in a few thousand specimens, many from the park. These now reside in the Rijksherbarium, Leiden, The Netherlands. All of this exposure has spread the reputation of the park as an unusually rich mycological collecting area and assures its future as an international attraction.

The complexity of forest flora makes difficult the description of even above-ground plant communities. Presumptive mycorrhizal associations only multiply this complexity. Both herbaceous and woody plants habitually are associated with fungi in endo- and ectotrophic mycorrhizae, but with the extremely high number of plant taxa in the southern Appalachians, descriptions of specific relationships are almost impossible by indirect means (that is, by observations of fruit bodies near trees). With twoscore tree species often visible within a 50-meter square and root systems overlapping completely, such inferential data are almost useless. Only artificial cultures from individual roots and the reestablishment of their mycorrhizae in pure culture (a sort of Koch's postulates of mycorrhizal research) can produce progress

in this direction, but we are still far removed from such a goal. Meanwhile, independent cataloging of higher plants and fungi must continue.

Large distributional patterns of macrofungi are developing slowly as authentic specimens from widely scattered areas are examined for comparative purposes. For example, circumboreal fungi may be found at high elevations of the park on or under spruce and fir.

Simultaneously, around low elevation stream beds such as Indian Creek or Parsons Branch, fungi which are also found in the neo-Pacific and Pacific tropics form a significant part of the macrofungal flora. The latter pattern extends to Japan, according to Hongo.

Contrary to most forest ecosystems of the world, which are rapidly disappearing and imperatively require mycological inventories before total destruction, the Great Smoky Mountains National Park has been declared an international biome resource, and large portions seem destined for preservation as wilderness. Together with nearby Coweeta Hydrologic Laboratory, these areas presently are the only such reserves in the eastern United States. Increasing numbers of visitors to the park, while making access more awkward, do not seriously threaten the overall fungus flora. Specific exceptions, such as a proposed roadbed uncomfortably close to Indian Creek, have been challenged and will continue as public demands on the park increase.

Although care has been taken to cite as correctly as possible a name in the Basidiomycetes, the names cited in other groups are passed on essentially as listed by Hesler (manuscript copy, 1962). Because Hesler emphasized basidiomycetes in his research, the names for Ascomycetes, lower fungi, and slime molds may not be the best names available.

In 1962, a total of 1,975 fungi were reported from the park. In the current list, that number has increased to 2,198. Although the number of new species described from type specimens collected in the park was 81 in 1962, with manuscripts on Hebeloma and Lactarius soon to be published with several additional new species from the park, no count of new taxa has been taken for the current list. Names in these two genera include manuscript names to be published later and in no way constitute the introduction of nomenclaturally acceptable epithets. These names are enclosed in square brackets indicating their manuscript status. A total of 482 genera are listed.

It is hoped that this list can be kept somewhat up to date, and any mycologist with authentic records of fungi not appearing on the list is cordially invited to send such records to the General Editor. In this way, the park can continue to be one of the few areas with ongoing records of known fungi.

## 1. MYXOMYCETES (Slime Molds)

(Most of these records are from collections by Arthur L. Welden, formerly a graduate student in the Department of Botany, The University of Tennessee, and now at Tulane University. See bibliography.)

### Arcyria

*Arcyria cinerea* (B.) Pers.  
*Arcyria denudata* (L.) Wett.  
*Arcyria incarnata* Pers.  
*Arcyria insignis* Kalchbr. & Cooke

### Badhamia

*Badhamia curtisii* (Berk.) Rost.

### Ceratiomyxa

*Ceratiomyxa fruticulosa* (Muell.) Macbr.

### Clastoderma

*Clastoderma debaryanum* Blytt

### Comatricha

*Comatricha nigra* (Pers.) Schroet.  
*Comatricha pulchella* (Bab.) Rost.  
*Comatricha suksdorfii* Macbr.  
*Comatricha typhoides* (Bull.) Rost.

### Cribraria

*Cribraria aurantiaca* Schrad.  
*Cribraria elegans* Berk. & Curt.  
*Cribraria intricata* Schrad.  
*Cribraria intricata* var. *dictyoides* (Cke. & Balf.)  
*Cribraria languescens* Rex  
*Cribraria microcarpa* (Schrad.) Pers.  
*Cribraria purpurea* Schrad.  
*Cribraria rufa* (Roth) Rost.  
*Cribraria tenella* Schrad.



Diachea

Diachea bulbilosa (Berk. & Br.) List.  
Diachea leucopodia (Bull.) Rost.

Dictydium

Dictydium cancellatum (Batsch) Macbr.

Diderma

Diderma effusum (Schw.) Morg.  
Diderma hemisphaericum (Bull.) Hornem.  
Diderma rugosum (Rex) Macbr.  
Diderma testaceum (Schrad.) Pers.

Didymium

Didymium crustaceum Fr.  
Didymium iridis (Ditmar) Fries  
Didymium melanospermum (Pers.) Macbr.  
Didymium minus (Lister) Morgan  
Didymium nigripes (Lk.) Fr.  
Didymium squamulosum (Alb. & Schw.) Fr.  
Didymium xanthopus (Ditmar) Fr.

Enerthenema

Enerthenema papillatum (Pers.) Rost.

Fuligo

Fuligo septica (L.) Weber  
Fuligo septica var. rufa Pers.

Hemitrichia

Hemitrichia clavata (Pers.) Rost.  
Hemitrichia serpula Rost.  
Hemitrichia stipitata (Masse) Macbr.  
Hemitrichia vesparium (Batsch) Macbr.

Lamproderma

Lamproderma arcyryonema Rost.  
Lamproderma columbinum (Pers.) Rost.

Leocarpus

Leocarpus fragilis (Dicks.) Rost.

Lepidoderma

*Lepidoderma tigrinum* (Schrad.) Rost.

Licea

*Licea operculata* (Wingate)

Lycogala

*Lycogala epidendrum* (L.) Fr.

*Lycogala epidendrum* var. *exiguum* (Morg.) List.

*Lycogala exiguum* Morgan

Oligonema

*Oligonema flavidum* Peck

*Oligonema schweinitzii* (Berk.) G. W. Martin

Perichaena

*Perichaena chrysosperma* (Currey) List.

*Perichaena depressa* Libert.

Physarum

*Physarum cinereum* (Batsch) Pers.

*Physarum citrinellum* Peck

*Physarum contextum* Pers.

*Physarum didermoides* (Pers.) Rost.

*Physarum globuliferum* (Bull.) Pers.

*Physarum lateritium* (Berk. & Rav.) Morg.

*Physarum leucophaeum* Fr.

*Physarum leucopus* Link

*Physarum listeri* Macbr.

*Physarum melleum* (Berk. & Br.) Masee

*Physarum nucleatum* Rex

*Physarum nutans* Pers.

*Physarum penetrale* Rex

*Physarum psittacinum* Ditm.

*Physarum pulcherrimum* Berk. & Rav.

*Physarum pulcherripes* Peck

*Physarum sinuosum* (Bull.) Weinm.

*Physarum stellatum* (Masee) G. W. Martin

*Physarum sulphureum* Alb. & Schw.

*Physarum sulphureum* var. *sessile* G. List.

*Physarum superbum* Hagelstein

*Physarum tenerum* Rex

*Physarum virescens* Ditm.

*Physarum viride* (Bull.) Pers.



Prototrichia

Prototrichia metallica (Berk.) Macbr.

Stemonitis

Stemonitis axifera (B.) Macbr.

Stemonitis flavogenita Jahn

Stemonitis fusca Roth

Stemonitis pallida Wing.

Stemonitis smithii Macbr.

Stemonitis splendens Rost.

Stemonitis virginiensis Rex

Trichia

Trichia affinis DeBy.

Trichia botrytis Pers.

Trichia contorta Rost.

Trichia decipiens (Pers.) Macbr.

Trichia erecta Rex

Trichia favoginea (Batsch) Pers.

Trichia persimilis P. Karst.

Trichia pusilla (Hedw.) G. W. Martin

Trichia scabra Rost.

Trichia subfusca Rex

Trichia varia Pers.

Tubifera

Tubifera ferruginosa (Batsch) Gmel.

## 2. PHYCOMYCETES

### Albugo

Albugo candida (P. ex Lev.) O. Kuntze  
Albugo ipomosae-panduranae (Farl.) Swingle

### Bremia

Bremia lactucae Regel

### Peronospora

Peronospora corydalis DeBy.  
Peronospora ficariae Tul  
Peronospora obducens Schroet.  
Peronospora parasitica (L.) Fr.

### Plasmopara

Plasmopara halstedii (Farl.) Beal. et de Toni  
Plasmopara viticola (B. & C.) B. & de T.

### Synchytrium

Synchytrium decipiens Farl.

### Syzygites

Syzygites megalocarpus Ehrenb.

### 3. ASCOMYCETES

#### Adelopus

*Adelopus balsamicola* (Pk.) Th.

#### Aleuria

*Aleuria aurantia* (Pers.) Fckl.

*Aleuria cestricea* (E. & E.) Seaver

*Aleuria wisconsinensis* Rehm

#### Aleurina

*Aleurina atrovinosa* (Cke.) Seaver

#### Anthostomella

*Anthostomella sepelibilis* (B. & C.) Sacc.

#### Apioportha

*Apioportha vepris* (De Lacr.) Wehm.

#### Apostemidium

*Apostemidium guernisacii* (Fr.) Boud.

#### Arachnopeziza

*Arachnopeziza candido-fulva* (Schw.) Korf

#### Ascophanus

*Ascophanus granulatus* (Bull.) Speg.

#### Balansia

*Balansia hypoxylon* (Pk.) Atk.

(=*Atkinsonella hypoxylon* (Pk.) Diehl)

*Balansia strangulans* (Mont.) Diehl

#### Belonidium

*Belonidium introspectum* (Cke.) Sacc.

#### Bifusella

*Bifusella faullii* Darker

Botryosphaeria

Botryosphaeria ribis (Tode) Gross. & Dugg.

Bulgaria

Bulgaria inquinans Fr.

Bulgaria rufa Schw.

Caliciopsis

Caliciopsis pinea Peck

Calycina

Calycina macrospora (Pk.) Seaver

Camarops

Camarops pugillus (Schw.) Shear

Cenangium

Cenangium balsameum Pk.

Cenangium tennesseense Kanouse

Ceratostoma

Ceratostoma lagenarium (Pk.) Fr.

Chlorosplenium

Chlorosplenium aeruginosum De Not.

Chlorosplenium chlora (Schw.) Curt.

Chlorosplenium versiforme De Not.

Chromocreopsis

Chromocreopsis cubispora (Ellis & Holw.) Seaver

Claviceps

Claviceps paspali Stev. & Hall

Clypeolella

Clypeolella leemingii (E. & E.) Theiss.

Coccomyces

Coccomyces hiemalis Higgins

Colpoma

Colpoma morbidum (Pk.) Sacc.

Cordyceps

Cordyceps capitata Link

Cordyceps cicadae (Miq.) Masee

Cordyceps fracta Mains

Cordyceps herculea (Schw.) Sacc.

(=C. meloanthae (Tul.) Sacc.)

Cordyceps hesleri Mains

Cordyceps intermedia Imai?

Cordyceps michiganensis Mains

Cordyceps militaris (L.) Link

Cordyceps ophioglossoides Link

Cordyceps ravenelii B. & C.

Cordyceps smithii Mains

Cordyceps sphecocephala (Klotzsch) Masee

Cordyceps sphingum (Tul.) B. & C.

Cordyceps stylophora Berk. & Br.

Cordyceps superficialis Pk.

Cordyceps variabilis Petch

Cordyceps viperina Mains

Coryne

Coryne sarcoidea (Jacq.) Tul.

Coryne sarcoidea var. urnalis (Nyl.) Karst.

Coryne solitaria Rehm

Corynetes

Corynetes robustus Durand

Creonectria

Creonectria cucurbitula (Sacc.) Seaver

Creopus

Creopus gelatinosus (Tode) Lk.

Cryptodiaporthe

Cryptodiaporthe aculeans (Schw.) Web.

Cryptomyces

Cryptomyces pteridis (Rab. ex Fr.) Rehm

Cudonia

Cudonia circinans (Pers.) Fr.  
Cudonia lutea (Pk.) Sacc.

Cyathicula

Cyathicula petiolorum (Rob. & Desm.) Sacc.

Daldinia

Daldinia concentrica (Bolt.) Ces. & De Not

Dasyscypha

Dasyscypha acerina (Cke. & Ell.) Cash  
Dasyscypha cerina (Pers.) Fckl.  
Dasyscypha nivea (Fr.) Sacc.

Dermatea

Dermatea balsamea Pk.  
Dermatea cerasi (Pers.) Fr.  
Dermatea prododendri Rehm.

Diaporthe

Diaporthe arctii (Lasch.) Nits.  
Diaporthe impulsula (Cke. & Pk.) Sacc.

Diatrype

Diatrype virescens (Schw.) Curt.

Diatrypella

Diatrypella discoidea Cke. & Pk.  
Diatrypella discoidea Cke. & Pk. var. alni Cke.  
Diatrypella favacea (Fr.) C. & De Not.

Dibotryon

Dibotryon morbosum (Fr.) Theiss. & Syd.

Dimerosporium

Dimerosporium tsugae Dearn.

Elaphomyces

Elaphomyces appalachiensis Linder  
Elaphomyces variegatus Vitt.

Encoella

Encoella furfuracea (Fr.) Karst.

Endothia

Endothia gyrossa (Sg.) Fckl.  
Endothia parasitica (Murr.) A. & A.

Erinella

Erinella sinensis Teng.

Erysiphe

Erysiphe cichoracearum DC.  
Erysiphe galeopsidis DC.

Eutypa

Eutypa spinosa (P.) Tul.

Eutypella

Eutypella fraxinicola (Cke. & Pk.) Sacc.  
Eutypella microcarpa E. & E.  
Eutypella sepulta (B. & C.) Dearn.

Fracchiaea

Fracchiaea heterogenea Sacc.

Geoglossum

Geoglossum difforme (Fr.) Durand  
Geoglossum difforme var. difforme Mains  
Geoglossum difforme var. variable Mains  
Geoglossum fallax Durand  
Geoglossum glutinosum Pers. ex Fr.  
Geoglossum nigratum Cke.  
Geoglossum peckianum Cooke  
    (=Geoglossum difforme (Fr.) Durand?)  
Geoglossum pygmaeum Gerard  
Geoglossum simile Peck (=Geoglossum glabrum Fr.?)

Geopyxis

Geopyxis cupularis (L.) Sacc.  
Geopyxis nebulosa (Cke.) Sacc.

Gloniopsis

Gloniopsis ellisii Cash

Glonium

Glonium stellatum Muhl.

Gnomonia

Gnomonia setacea (P. ex Fr.) C. & De Not  
Gnomonia ulmea (Sacc.) Thüm.

Gnomoniella

Gnomoniella tenella (Ell. & Ev.) Sacc.

Guignardia

Guignardia aesculi (Pk.) Stewart



### Helotium

Helotium citrinum (Hedw.) Fr.  
Helotium confluens Schw.  
Helotium epiphyllum (Pers.) Fr.  
Helotium imberbe (Bull.) Fr.  
Helotium linderi White  
Helotium macrosporum (Pk.) Kanouse  
Helotium phyllophilum (Desm.) Karst.  
Helotium saprophyllum Pk.  
Helotium scutula (Pers.) Karst.

### Helvella

Helvella atra Oed.  
Helvella crispa Fr.  
Helvella elastica Fr.  
Helvella lacunosa Fr.  
Helvella leucomelas (Pers.) Korf

### Hydnotria

Hydnotria cubispora (Bessey & Thompson) Gilkey

### Hypocrea

Hypocrea aurantiaca Pk.  
Hypocrea citrina Fr.  
Hypocrea gelatinosa Tode ex Fr.  
Hypocrea pallida Fr.  
Hypocrea patella Cooke & Pk.  
Hypocrea rufa Pers. ex Fr.  
Hypocrea rufula Pers. ex Fr.

### Hypoderma

Hypoderma brachysporum (Rost.) Tub.  
Hypoderma commune (Fr.) Duby  
Hypoderma hedgcockii Dearn.  
Hypoderma lethale Dearn.

### Hypomyces

Hypomyces aurantiaca Pk.  
Hypomyces aurantius (P.) Tul.  
Hypomyces chrysospermus (Bull. ex Fr.) Tul.  
Hypomyces hyalinus (Schw.) Tul.  
Hypomyces lactifluorum (Schw.) Tul.  
Hypomyces rosellus (S. & S.)

### Hypoxylon

Hypoxylon cohaerens P. ex F.  
Hypoxylon commutatum Nke.  
Hypoxylon deustum (Hoffm. ex Fr.  
Hypoxylon fuscum (Pers.) Fr.  
Hypoxylon microplacum (Berk. & Curt.) Mill.  
Hypoxylon rubiginosum P. ex Fr.  
Hypoxylon sassafras (Schw.) Berk.  
Hypoxylon truncatum (Sp. ex Fr.) Mill.

### Hysterium

Hysterium insidiens Schw.

### Hysterographium

Hysterographium mori (Schw.) Rehm.  
Hysterographium vulvatum (Schw.) Sacc.

### Ionomidotis

Ionomidotis fulvo-tingens (B.) Cash

### Karschia

Karschia lignyota (Fries) Sacc.

### Lachnum

Lachnum ciliare (Schrad. ex Fr.) Rehm.  
Lachnum niveum (Hedw. Fil.) Karst.  
Lachnum sulfureum (Pers.) Rehm  
Lachnum virgineum (Batsch ex Fr.) Karst.

### Laestadia

Laestadia leucothoes (Cke.) Sacc.

### Lamprospora

Lamprospora constellatio (B. & Br.) Seaver

### Lasiosphaeria

Lasiosphaeria ovina (Pers. ex Fr.) Ces. & De Not.  
Lasiosphaeria spermoides (Hoffm. ex Fr.) C. & De Not.

Leotia

Leotia chlorocephala Schw.  
Leotia lubrica (Scop.) Fr.  
Leotia stipitata (Bosc) Schroet.

Leptosphaeria

Leptosphaeria ogilviensis (B. & Br.) C. & De Not.

Macropodia

Macropodia fusicarpa Ger.

Massaria

Massaria argus (Berk. & Br.) Fres.  
Massaria inquinans Tode ex Fr.

Massarina

Massarina eburnea (Tul.) Sacc.

Melanconis

Melanconis decoraensis Ell.

Melanomma

Melanomma verrucaris (Fr.) Sacc.

Meliola

Meliola bidentata Cke.  
Meliola nidulans (Schw. ex Fr.) Cke.

Metasphaeria

Metasphaeria panicorum (Cke.) Sacc.

Microglossum

Microglossum rufum (Schw.) Underw.

### Microsphaera

Microsphaera alni (DC.) Wint.  
Microsphaera alni (DC.) Wint. var. vaccinii  
    (Schw.) Salmon  
Microsphaera diffusa Cooke & Peck  
Microsphaera grossulariae (Wallr.) Lev.  
Microsphaera ravenelii Berk.  
Microsphaera vaccinii (S.) C. & P.

### Mitrula

Mitrula irregularis (Pk.) Durand  
Mitrula phalloides (Bull.) Chev.

### Mollisia

Mollisia benesaude (Tul.) Phil.  
Mollisia cinerea (Batsch) Karst.  
Mollisia fumigata (Ell. & Ev.) Sacc.  
Mollisia melaleuca (Fr.) Sacc.  
Mollisia riccia Sacc.

### Morchella

Morchella angusticeps<sup>o</sup> Pk.  
Morchella conica Pers.  
Morchella deliciosa Fr.  
Morchella esculenta (L.) Pers.  
Morchella hybrida (Sow.) Pers.

### Mycosphaerella

Mycosphaerella fragariae (Tul.) Lindau  
Mycosphaerella spleniata (Cke. & Pk.) House  
Mycosphaerella tulipifera (Schw.) Hig.

### Myriangium

Myriangium duriaei Mont. & Berk.

### Myriogenospora

Myriogenospora atramentosa (Berk. & Curt.) Diehl

### Naevia

Naevia canadica Rehm.

Nectria

Nectria cinnabarina (Tode) Fr.  
Nectria episphaeria Tode ex Fr.  
Nectria flavo-ciliata Seaver  
Nectria ochroleuca Schw.  
Nectria peziza Tode ex Fr.  
Nectria sanguinea Fr.

Nummularia

Nummularia discreta Tul.  
Nummularia petersii (B. & C.) Mill.  
Nummularia tinctor (Berk.) Ell. & Ev.

Ombrophila

Ombrophila lilacina (Wulf.) Karst.

Ophiobolus

Ophiobolus hamasporus Ell. & Ev.

Ophiodothella

Ophiodothella vaccinii Boyd

Parodiella

Parodiella perisporioides (B. & C.) Speg.

Patella

Patella albida (Schaeff.) Seaver  
Patella albospadicea (Grev.) Seaver  
Patella coprinaria (Cke.) Seaver  
Patella lusatiae (Cke.) Seaver  
Patella miniata (Clem.) Seaver  
Patella paludosa (Boud.) Seaver  
Patella scutellata (L.) Morg.  
Patella setosa (Nees) Seaver  
Patella umbrorum (Fr.) Seaver

Paxina

Paxina acetabulum (L.) Kuntze  
Paxina fuscicarpa (Gerard) Seaver  
Paxina hispida (Schaeff.) Seaver  
Paxina macropus (Clements) Seaver  
Paxina subclavipes (Phill. & Ellis) Seaver  
Paxina sulcata (Pers.) Kuntze

Peckiella

Peckiella lateritia (Fr.) Maire  
Peckiella viridis (A. & S.) Sacc.

Pezicula

Pezicula acericola Pk.  
Pezicula carnea (Cke. & Ell.) Rehm.  
Pezicula rubi (Lib.) Niessl.

Peziza

Peziza abietina Pers.  
Peziza badia Pers.  
Peziza brunneoatra Desm.  
Peziza celtica (Boud.) Kanouse  
Peziza clypeolata Schw.  
Peziza repanda Pers.  
Peziza succosa Berk.  
Peziza venosa Pers.  
Peziza vesiculosa Bull.  
Peziza violacea Pers.

Phialea

Phialea crocea (Schw.) Sacc.

Phyllachora

Phyllachora lespedezae (Schw.) Sacc.  
Phyllachora vulgata Theiss. & Syd.  
Phyllachora wilsoni Orton

Phyllactinia

Phyllactinia corylea (Pers.) Karst.

Physalospora

Physalospora cydoniae Arnaud  
Physalospora rhododendri (Den.) Sacc.  
Physalospora viscosa (Cke. & Ell.) Sacc.

Plectania

Plectania coccinea (Scop.) Fckl.  
Plectania floccosa (Schw.) Seaver  
Plectania occidentalis (Schw.) Seaver

Podostroma

Podostroma alutaceum (P. ex Fr.) Atk.

Polycephalomyces

Polycephalomyces panosus Mains

Propolis

Propolis faginea (Schrad.) Karst.

Propolis leonis (Tul.) Rehm.

Pseudoplectania

Pseudoplectania fulgens (Pers.) Fckl.

Pseudoplectania nigrella (Pers.) Fckl.

Rhizina

Rhizina inflata Schaeff. ex Karst.

Rhytisma

Rhytisma acerinum Fr.

Rhytisma decolorans Fr.

Rhytisma punctatum Pers. ex Fr.

Rhytisma salicinum P. ex Fr.

Rhytisma vaccinii Fr.

Rosellinia

Rosellinia clavariae (Tul.) Winter

Rosellinia subiculata (Schw.) Sacc.

Rutstroemia

Rutstroemia macrospora (Pk.) Kanouse

Rutstroemia nebulosa (Cke.) Kauff. & Kanouse

Sarcosoma

Sarcosoma carolinianum Durand

Schizoxylon

Schizoxylon insigne (De Not.) Rehm.

Sclerotinia

Sclerotinia fructicola (Wint.) Rehm.  
Sclerotinia tuberosa (Hedw. ex Fr.) Fckl.

Scodellina

Scodellina leporina (Batsch) S. F. Gray

Scoleconectria

Scoleconectria balsamea (Cke. & Pk.) Seaver

Scorias

Scorias spongiosa Schw.

Spathularia

Spathularia clavata (Schaff.) Sacc.  
Spathularia velutipes Cke. & Farl.

Taphrina

Taphrina caerulescens (M. & D.) Tul.  
Taphrina filicina Rostrup  
Taphrina polystichi Mix  
Taphrina potentillae (Farl.) Johns.  
Taphrina purpurascens (E. & E.) Robinson

Trichoglossum

Trichoglossum farlowi (Cke.) Durand  
Trichoglossum hirsutum var. heterosporum Mains  
Trichoglossum hirsutum var. hirsutum Mains  
Trichoglossum hirsutum var. irregulare Mains  
Trichoglossum hirsutum (Pers.) Bond var. longisporum  
(Tai) Mains  
Trichoglossum hirsutum var. multiseptatum Mains  
Trichoglossum octapartitum Mains  
Trichoglossum variable (Durand) Nannfeldt  
Trichoglossum walteri (Berk.) Durand

Tryblidium

Tryblidium calyciforme Reb.

Tuber

Tuber separans Gilkey



Tympanis

Tympanis conspersa Fr.

Uncinula

Uncinula salicis (DC.) Wint.

Ustulina

Ustulina vulgaris Pers.

Valsa

Valsa abietis Fr.

Valsa delicatula C. & E.

Venturia

Venturia orbicula (Sw.) C. & P.

Vibrissea

Vibrissea truncorum (A. & S.) Fr.

Wynnea

Wynnea americana Thaxter

Xylaria

Xylaria castorea Berk.

Xylaria cornu-damae (Schw. ex Fr.) Berk.

Xylaria cubensis Mont.

Xylaria digitata Grev.

Xylaria hypoxylon (L. ex Fr.) Grev.

Xylaria ianthino-velutina Mont.

Xylaria persicaria (Sz. ex Fr.) Curt.

Xylaria polymorpha (P. ex Fr.) Grev.

Xylaria tentaculata Rav. ap. Berk.

4. FUNGI IMPERFECTI

Alatospora

*Alatospora acuminata* Ingold.  
*Alatospora constricta* Dyko

Articulospora

*Articulospora tetracladia* Ing.

Asteroma

*Asteroma lactucae* Davis

Botrytis

*Botrytis cinerea* Pers.

Briosia

*Briosia azaleae* (Pk.) Dearn.

Camarosporium

*Camarosporium robiniae* (Westd.) Sacc.

Casaresia

*Casaresia sphagnorum* Frag.

Cercospora

*Cercospora atromaculans* Ell. & Ev.  
*Cercospora boehmeriae* Pk.  
*Cercospora cercidicola* Ellis  
*Cercospora circumscissa* Sacc.  
*Cercospora diodiae-virginianae* Atk.  
*Cercospora diospyri* Thüm.  
*Cercospora effusa* (B. & C.) Ellis  
*Cercospora elephantopi* E. & E.  
*Cercospora erythrogenera* Atk.  
*Cercospora granuliformia* E. & H.  
*Cercospora halesiae* Dearness  
*Cercospora kalmiae* E. & E.  
*Cercospora lobeliaecola* Solheim  
*Cercospora rhoina* Cke. & Ell.  
*Cercospora smilacina* Sacc.  
*Cercospora smilacis* Thüm.  
*Cercospora viticola* (Ces.) Sacc.

Cercosporidium

Cercosporidium gnaphaliaceae (Cke.) Dearness

Cladosporium

Cladosporium epiphyllum (P.) Fr.  
Cladosporium herbarum (Pers.) Lk.

Clavariopsis

Clavariopsis aquatica De Wild.

Clavatospora

Clavatospora longibrachiata (Ing.) Nilss.  
Clavatospora stellata (Ing. & Cox) Nilss.

Coccospora

Coccospora aurantiaca Wallr.

Colletotrichum

Colleotrichum Trillii Tehon

Coryneum

Coryneum rhododendri Schw.  
Coryneum triseptatum Pk.

Cryptostictis

Cryptostictis mariae (Clint.) Sacc.

Culicidospora

Culicidospora aquatica Pet.

Cylindrosporium

Cylindrosporium acerinum (Pk.) Dearn. & House  
Cylindrosporium hiemalo Higgins  
Cylindrosporium saccharinum Ell. & Ev.

Dactylium

Dactylium dendroides Bull. ex Fr.

Darluca

Darluca filum (Buv.) Cast.

Dendrospora

Dendrospora erecta Ing.

Discosia

Discosia elliptica Fres.

Dothiorella

Dothiorella mali var. fructus Dearness

Exosporium

Exosporium tiliae Link

Flagellospora

Flagellospora curvula Ing.

Fontanospora

Fontanospora alternibrachiata Dyko

Fontanospora eccentrica (Pet.) Dyko

Fusicladium

Fusicladium depressum (B. & Br.) Sacc.

Fusicladium robiniae Shear

Geniculospora

Geniculospora gigantea (Iqbal) Dyko

Geniculospora inflata (Ing.) Nilss.

Gibellula

Gibellula arenearum (Schw.) Syd.

Gibellula pulchra (Sacc.) Cav.

Gloeosporium

Gloeosporium illicis Dearness

Gloeosporium papulatum Dearness

Gonatobotryum

Gonatobotryum maculicola (Wint.) Sacc.

Graphium

Graphium hamamelidis van Hook

Heliscus

Heliscus Lugdunensis Sacc. & Ther.

Illosporium

Illosporium caespitosum El. & Ev.

Isaria

Isaria farinosa (Dicks.) Fr.

Isariopsis

Isariopsis clavispora (B. & C.) Sacc.

Lateriramulosa

Lateriramulosa uniinflata Mat.

Lemmoniera

Lemmoniera aquatica De. Wild.  
Lemmoniera filiformis Pet.  
Lemmoniera pseudofloscula Dyko  
Lemmoniera terrestris Tubaki

Leptothyrium

Leptothyrium foraminulatum Sacc. & Ell.

Lunulospora

Lunulospora curvula Ing.

Macrophoma

Macrophoma phacidiella (C. & E.) Berk. & Vogl.

Margaritispora

Margaritispora monticola Dyko

Marssonia

Marssonia populi (L.) Sacc.

Monochaetia

Monochaetia camptosperma (Pk.) Sacc.

Monochaetia desmazierii Sacc.

Mycocentrospora

Mycocentrospora acerina (Hart.) Deighton

Mycocentrospora filiformis (Great.) Iqbal

Myxosporium

Myxosporium nitidum B. & C.

Oospora

Oospora rhododendri

Papulaspora

Papulaspora candida Sacc.

Pestalotia

Pestalotia macrotricha Klebh.

Phlyctaena

Phlyctaena tiliae Dearness

Phyllosticta

Phyllosticta convallariae Pers.

Phyllosticta fragaricola Desm. & Rob.

Phyllosticta hamamelidis (Cke.)

Phyllosticta maxima Ell. & Ev.

Phyllosticta minima (B. & C.) E. & E.

Phyllosticta minutissima E. & E.

Phyllosticta nyssae Cke.

Phyllosticta smilacina (Pk.) Dearn.

Phyllosticta solitaria E. & E.

Phyllosticta taurica R. Maire

Phyllosticta viticola (B. & C.) Thüm.

Piggotia

Piggotia fraxini Berk. & Curt.

Pleurocolla

Pleurocolla compressa (Ell. & Ever.) Diehl

Polythrincium

Polythrincium trifolii Kze.

Pseudographium

Pseudographium hispidulum (Ell.) Jacz.

Ramularia

Ramularia oxalidis Farlow

Ramularia stellariae n. sp. (ined.)

Scorpiosporium

Scorpiosporium chaetocladium (Ing.) Dyko

Scorpiosporium gracile (Ing.) Iqbal

Scorpiosporium patulum (Marv. & Marv.) Dyko

Sepedonium

Sepedonium chrysospermum Bull. ex Fr.

Septogloeum

Septogloeum profusum Ell. & Ever.

Septoria

Septoria acerina Pk.  
Septoria betulicola Pk.  
Septoria cacaliae Ell. & Kellerm.  
Septoria cornicola Desm.  
Septoria dearnessii Ell. & Ev.  
Septoria diervillae E. & E.  
Septoria hyalina E. & E.  
Septoria hyalina E. & E. var. ostiolata  
Septoria pellucida Bubak & Dearness  
Septoria podophylline Pk.  
Septoria rubi West  
Septoria rubi var. pallide Ell. & Holw.  
Septoria smilacinae E. & M.  
Septoria speculariae B. & E.  
Septoria trillii Pk.  
Septoria viride-tingens M. A. Curtis

Sphaeronema

Sphaeronema pruinosa Peck

Sphaeropsis

Sphaeropsis ellisii Sacc.

Sporotrichum

Sporotrichum quercuum (Thüm.) Sacc.

Sproocybe

Sproocybe rhois (Berk. & Curt.) Sacc.

Stilbella

Stilbella acerina Overholts

Taeniospora

Taeniospora gracilis Marv.

Tetrachaetum

Tetrachaetum elegans Ing.



Triscelophorus

Triscelophorus acuminatus Nawawi  
Triscelophorus monosporus Ing.

Tubercularia

Tubercularia vulgaris Tode ex Fr.

Varicosporium

Varicosporium delicatum Iqbal  
Varicosporium elodeae Kegel  
Varicosporium giganteum Crane

5. USTILAGINALES

Urocystis

Urocystis kmetiana Magn.

Ustilago

Ustilago avenae (Pers.) Jen.

Ustilago residua Clinton

6. UREDINALES

Cerotelium

*Cerotelium dicentrae* (Trel.) Mains & And.

Chrysomyxa

*Chrysomyxa roanensis* Arth.

*Chrysomyxa weirii* Jackson

Coleosporium

*Coleosporium campanulae* (Pers.) Lev.

*Coleosporium carneum* (Bosc.) Jackson

*Coleosporium elephantopodis* (Schw.) Thüm.

*Coleosporium helianthi* (Schw.) Arth.

*Coleosporium inconspicuum* (Long) Hedge, & Long

*Coleosporium pinicola* Arth.

*Coleosporium solidaginis* (Schw.) Thüm.

*Coleosporium vernoniae* B. & C.

Cronartium

*Cronartium quercuum* (Berk.) Miyabe

*Cronartium ribicola* Fischer

Frommea

*Frommea obtusa* (Strauss) Arth.

Gymnoconia

*Gymnoconia peckiana* (Howe) Trotter

Gymnosporangium

*Gymnosporangium clavipes* C. & P.

*Gymnosporangium globosum* Farl.

*Gymnosporangium juniperi-virginianae* Schw.

Holwaya

*Holwaya gigantea* (Pk.) Durand

Kuehneola

*Kuehneola uredinia* (Lk.) Arth.

Kunkelia

Kunkelia nitens (Schw.) Arth.

Melampsoropsis

Melampsoropsis roanensis Arth.

Milesia

Milesia marginalis Faull & Wats.

Milesia polypodophila (Bell) Faull

Phragmidium

Phragmidium americanum (Pk.) Diet.

Puccinia

Puccinia andropogonis Schw.

Puccinia andropogonis gerardiae (Pk.) Arth.

Puccinia argentata (Schultz) Winter

Puccinia atropuncta P. & C.

Puccinia bolleyana Sacc.

Puccinia caricis (Schum.) Schroet.

Puccinia caricis grossulariata Arth.

Puccinia caricis uniporula (Orton) Arth.

Puccinia circaeae Pers.

Puccinia claytoniata (Schw.) Pk.

Puccinia coronata Cda.

Puccinia cyperi Arth.

Puccinia ellisiana Thüm.

Puccinia extensicola oenotherae (Mont.) Arth.

Puccinia extensicola Plowr.

Puccinia extensicola solidaginis (Schw.) Arth.

Puccinia gentianae (Str.) Lk.

Puccinia graminis phleipratense (E. & H.) S. & P.

Puccinia grossulariae (Schum.) Lagerh.

Puccinia helianthi Schw.

Puccinia heucherae (Schw.) Diet.

Puccinia hieracii (Schum.) Mart.

Puccinia investita Schw.

Puccinia marylandica Lindr.

Puccinia menthae Pers.

Puccinia mesomajalis B. & C.

Puccinia pimpinellae (Str.) Mart.

Puccinia podophylli Schw.

Puccinia polygoni-amphibii Pers.

Puccinia rubigo-vera (DC.) Wint.

Puccinia rubigo-vera impatientis (Arth.) Mains

*Puccinia silphii* Schw.  
*Puccinia smilacis* Schw.  
*Puccinia tenuis* Burr.  
*Puccinia verbesinae* Schw.  
*Puccinia vernoniae* Schw.  
*Puccinia violae* (Schum.) DC.  
*Puccinia windsoriae* Schw.

#### Pucciniastrum

*Pucciniastrum agrimoniae* (Schw.) Tranz.  
*Pucciniastrum americanum* (Farl.) Arth.  
*Pucciniastrum hydrangeae* (B. & C.) Arth.  
*Pucciniastrum pyrolae* (Pers.) Schroet.  
*Pucciniastrum pustulatum* (Pers.) Diet.

#### Tranzschelia

*Tranzschelia pruni-spinosae* (Pers.) Diet.

#### Uredinopsis

*Uredinopsis macrosperma* (Cke.) Magn.  
*Uredinopsis mirabilis* (Pk.) Magn.

#### Uromyces

*Uromyces andropogonis* Tracy  
*Uromyces caladii* (Schw.) Farl.  
*Uromyces gentianae* Arth.  
*Uromyces hedydari-paniculati* (Schw.) Farl.  
*Uromyces holwayi* Lagerh.  
*Uromyces houstoniatus* (Schw.) Sheldon  
*Uromyces hyperici* (Spreng.) Curt.  
*Uromyces junci-effusi* Syd.  
*Uromyces lespedezae-procumbentis* (Schw.) Curtis  
*Uromyces rudbeckiae* A. & H.  
*Uromyces rynchosporeae* Ellis  
*Uromyces silphii* (Burr.) Arth.  
*Uromyces spermacoces* (Schw.) Curt.

#### Uropyxis

*Uropyxis amorphae* (Curtis) Schroet.

7. SEPTOBASIDIALES

Septobasidium

Septobasidium cokeri Couch  
Septobasidium curtisii (B. & Desm.) Couch  
Septobasidium hesleri Couch  
Septobasidium pseudopedicellatum Burt

8. JELLY- OR TREMELLOID FUNGI

Auricularia

*Auricularia auricula-judae* (Linn.) Schroet.

Calocera

*Calocera cornea* (Fr.) Link

*Calocera viscosa* (Fr.)

Dacrymyces

*Dacrymyces deliquescens* Duby

*Dacrymyces palmatus* (Schw.) Bres.

Ditiola

*Ditiola radicata* Fr.

Exidia

*Exidia nucleata* (Schw.) Burt

*Exidia recisa* Fr.

*Exidia spiculosa* (Gray) Somm.

Guepinia

*Guepinia spathularia* (Schw.) Fr.

Guepiniopsis

*Guepiniopsis torta* (Fr.) Pat.

Phleogena

*Phleogena decorticata* (Schw.) Martin

Platygløea

*Platygløea peniophorae* Bourd. & Galz.

Pseudohydnum

*Pseudohydnum gelatinosum* (Fr.) Karsten

Sebacina

*Sebacina incrustans* (Pers.) Tul.

Tremella

Tremella albida Huds.  
Tremella condescens (Schw.) Burt  
Tremella foliacea Fr.  
Tremella mesenterica Fr.  
Tremella reticulata (Berk.) Farlow  
Tremella tubercularia Berk.

Tremellodendron

Tremellodendron candidum (Schw.) Atk.  
Tremellodendron cladonia (Schw.) Burt  
Tremellodendron merismatoides (Schw.) Burt  
Tremellodendron pallidum (Schw.) Burt  
Tremellodendron tenax (Schw.) Burt



9. THELEPHOROID AND CORTICIOID FUNGI

(Edited by Glenn W. Freeman)

Aleurodiscus

Aleurodiscus amorphus (Fr.) Schroet.  
Aleurodiscus candidus (Schw.) Burt.

Amylocorticium

Amylocorticium cebennense (Bourd.) Pouz.

Asterostroma

Asterostroma ochroleucum Bres.

Athelia

Athelia acrospora Jülich  
Athelia decepiens (Höhn. & Litsch.) J. Erikss.

Botryobasidium

Botryobasidium conspersum J. Erikss.  
Botryobasidium laeve (J. Erikss.) Parm.  
Botryobasidium subcoronatum (Höhn & Litsch.) Donk

Botryohypochnus

Botryohypochnus isabellinus (Fr.) J. Erikss.

Byssocorticium

Byssocorticium atrovirens (Fr.) Bond. & Sing.

Ceratobasidium

Ceratobasidium plumbeum Martin

Chaetoderma

Chaetoderma luna (Rom. ex Rog. & Jacks.) Parm.

Clavulicium

Clavulicium macounii (Burt) J. Erikss.

Columnocystis

Columnocystis ambigua (Pk.) Pouz.

Coniophora

Coniophora arida (Fr.) Karst.  
Coniophora olivacea (Fr. ex Fr.) Karst.  
Coniophora olivascens (Berk. & Curt.) Mass.  
Coniophora puteana (Schw.) Fr.

Corticium

Corticium albido-carneum (Schw.) Mass.  
Corticium octosporum Schroet.  
Corticium stevensii Burt  
Corticium sulphureum (Pers. ex Fr.) Fr.

Cyphella

Cyphella cupulaeformis Berk. & Rav.  
Cyphella fasciculata (Schw.) Berk. & Curt.

Dacryobolus

Dacryobolus sudans (Fr.) Fr.

Exobasidium

Exobasidium vaccinii (Fckl.) Wor.

Gloeocystidiellum

Gloeocystidiellum citrinum (Pers.) Donk  
Gloeocystidiellum convolvens (Karst.) Donk  
Gloeocystidiellum lactescens (Berk.) Boid.  
Gloeocystidiellum porosum (Berk. & Curt.) Donk

Hymenochaete

Hymenochaete agglutinans Ell.  
Hymenochaete cervina B. & C.  
Hymenochaete corrugata (Fr.) Lev.  
Hymenochaete curtisii (Berk.) Morgan  
Hymenochaete fuliginosa (Pers.) Bres.  
Hymenochaete rubiginosa Dickson ex Lev.  
Hymenochaete spreta Pk.  
Hymenochaete tabicina (Sow.) Lov.

Hyphoderma

Hyphoderma heterocystidium (Burt) Donk  
Hyphoderma litschaueri (Burt) Erikss. & Strid.  
Hyphoderma mutatum (Peck) Donk  
Hyphoderma setigerum (Fr.) Donk

Hyphodontia

Hyphodontia abieticola (Bourd. & Galz.) J. Erikss.  
Hyphodontia alutaria (Burt.) J. Erikss.  
Hyphodontia arguta (Fr.) J. Erikss.  
Hyphodontia barba-jovis (Fr.) J. Erikss.  
Hyphodontia hastata (Litsch.) J. Erikss.

Hypochnus

Hypochnus fumosus Fr.  
Hypochnus rubiginosus Bres.

Laeticorticium

Laeticorticium appalachiensis Burd. & Larsen  
Laeticorticium minnsiae (Jacks.) Donk

Leucogyrophana

Leucogyrophana mollusca (Fr.) Pouz.

Lindtneria

Lindtneria trachyspora (Bourd. & Galz.) Pilát

Merulius

Merulius tremellosus (Schrad.) Fr.

Metulodontia

Metulodontia nivea (Karst.) Parm.  
Metulodontia queletii (Bourd. & Galz.) Parm.

Mycoacia

Mycoacia fusco-atra (Fr. ex Fr.) Donk  
Mycoacia uda (Fr.) Donk

Peniophora

Peniophora abulum Atk. & Burt  
Peniophora cinerea (Fr.) Cke.  
Peniophora crassa Burt ex Peck  
Peniophora prominens Jacks. & Dearn.  
Peniophora septocystidia Burt

Phanerochaete

Phanerochaete affinis (Burt) Parm.  
Phanerochaete chrysorhizon (Torrey in Eaton)  
Bud. & Gilb.  
Phanerochaete burtii (Rom.) Parm.  
Phanerochaete filamentosa (Berk. & Curt.) Burdsall  
Phanerochaete sanguinea (Fr.) Parm.  
Phanerochaete velutina (Pers.) Parm.  
Phanerochaete viticola (Schw.) Parm.

Phlebia

Phlebia chrysocrea (B. & C.) Burd.  
Phlebia radiata Fr.

Phlyctibasidium

Phlyctibasidium polyporoideum (B. & C.) Jülich

Plicatura

Plicatura aurea (Fr.) Pouz.

Resinicium

Resinicium bicolor (Fr.) Parm.

Scytinostroma

Scytinostroma galactinum (Fr.) Donk

Sistotrema

Sistotrema confluens Fr.  
Sistotrema raduloides (Karst.) Donk

### Solenia

*Solenia anomala* (Pers.) Fckl.  
*Solenia candida* Pers.  
*Solenia endophila* (Ces.) Fr.  
*Solenia fasciculata* Pers.

### Sparassis

*Sparassis crispa* Fr.  
*Sparassis spathulata* Schw.

### Stereum

*Stereum abietinum* Pers.  
*Stereum ambiguum* Peck  
*Stereum burtianum* Pk.  
*Stereum chailetti* Fr.  
*Stereum duriusculum* Bres.  
*Stereum erumpens* Burt  
*Stereum fasciatum* Schw.  
*Stereum frustulosum* Fr.  
*Stereum fuscum* (Schrad.) Qué1.  
*Stereum gausapatum* (Pers.) Fr.  
*Stereum hirsutum* Fr.  
*Stereum lobatum* (Kuntze) Fr.  
*Stereum ochraceoflavum* Schw.  
*Stereum pallidum* (Pers.) Lloyd  
*Stereum purpureum* Pers.  
*Stereum radiatum* Pk.  
*Stereum rameale* Schw.  
*Stereum ravenelii* Berk. & Curt.  
*Stereum rugosiusculum* B. & C.  
*Stereum rugosum* Pers.  
*Stereum sanguinolentum* A. & S.  
*Stereum sericeum* Fr.  
*Stereum subpileatum* B. & C.  
*Stereum sulcatum* Burt  
*Stereum versiforme* B. & C.

Thelephora

Thelephora albidobrunnea Schw.  
Thelephora anthocephala Bull. ex Fr.  
Thelephora caryophyllea Schaeff. ex Fr.  
Thelephora intybacea (Pers.) Fr.  
Thelephora lutosa Schw.  
Thelephora multipartita Schw.  
Thelephora palmata Fr.  
Thelephora terrestris (Ehrb.) Fr.  
Thelephora vialis Schw.

Tomentella

Tomentella basidiofusca Bourd. & Galz.  
Tomentella griseoviolacea Litsch.  
Tomentella olivascens (Berk. & Curt.) Bourd & Galz.  
Tomentella rubiginosus (Bres.) Maire

Trechispora

Trechispora farinacea (Pers. ex Fr.) Liberta  
Trechispora mollusca (Pers. ex Fr.) Liberta  
Trechispora polyporoidea (B. & C.) Liberta

Tubulicrinis

Tubulicrinis accedens (Bourd. & Galz.) Donk  
Tubulicrinis glebosus (Bres.) Donk

Vararia

Vararia effuscata (Cooke & Ellis) Rogers & Jacks.  
Vararia investiens (Schw.) Karst.

Vuilleminia

Vuilleminia acerinus (Fr.) Parm.

Xenasma

Xenasma praeteritum (Jacks.) Donk

Xenasmatella

Xenasmatella tulasnelloides (Höhn. & Litsch.) Oberw.

## 10. HYDNOID FUNGI

### Bankera

*Bankera fuligineo-alba* (Schm.) Coker & Beers

### Climacodon

*Climacodon septentrionalis* (Fr.) Karst.

### Hericiium

*Hericiium coralloides* (Scop.) Pers.

*Hericiium erinaceus* (Bull.) Pers.

*Hericiium ramosum* (Bull.) Letellier

### Hydnellum

*Hydnellum aurantiacum* (A. & S.) Karst.

*Hydnellum complicatum* Banker

*Hydnellum cyaneotinctum* (Pk.) Banker

*Hydnellum diabolus* Banker

*Hydnellum floriforme* (Schaeef.) Banker

*Hydnellum scleropodium* Harrison

*Hydnellum scrobiculatum* (Fr.) Banker

*Hydnellum velutinum* (Fr.) Banker

*Hydnellum zonatum* (Batsch) Karst.

*Hydnellum zonatum forma vespertillo* Coker & Beers

### Hydnum

*Hydnum albidum* Pk.

*Hydnum albo-magnum* Banker

*Hydnum repandum* L. ex Fr.

*Hydnum rufescens* Fr.

### Irpex

*Irpex cinnamomeus* (Schw.) Fr.

*Irpex farinaceus* Fr.

### Odontia

*Odontia arguta* (Fr.) Qué1.

*Odontia lactea* Karst.

*Odontia wrightii* B. & C.

Phellodon

Phellodon alboniger (Pk.) Banker  
Phellodon amicus (Quél.) Banker  
Phellodon ellisianus Banker  
Phellodon graveolens (Delast.) Banker  
Phellodon putidus (Atk.) Banker  
Phellodon tomentosus (L.) Banker

Phlebia

Phlebia albida Fr.  
Phlebia radiata Fr.

Sarcodon

Sarcodon amarescens Quél.  
Sarcodon atroviridis (Morg.) Banker  
Sarcodon cristatus (Bres.) Banker  
Sarcodon excentricus Coker & Beers  
Sarcodon fennicus Karst.  
Sarcodon fuligineo-violaceus (Kalchbr.) Quél.  
Sarcodon imbricatus (L.) Karst.  
Sarcocon murrillii Banker  
Sarcodon piperatus Coker

Sistotrema

Sistotrema confluens Pers.

Steccherinum

Steccherinum adustum (Fr.) Banker  
Steccherinum laeticolor (B. & C.) Banker  
Steccherinum ochraceum (Pers.) S. F. Gray  
Steccherinum rhois (Schw.) Banker



## 11. CLAVARIOID FUNGI

(Edited by R. H. Petersen)

### Aphelaria

*Aphelaria tuberosa* (Grev.) Corner

### Clavaria

*Clavaria acuta* Fr.  
*Clavaria asperula* Atk.  
*Clavaria atroumbrina* Corner  
*Clavaria fumosa* Fr.  
*Clavaria fuscata* Oudem.  
*Clavaria incarnata* Weinm.  
*Clavaria rubicundula* Leathers  
*Clavaria subcaespitosa* Pk.  
*Clavaria subfalcata* Atk.  
*Clavaria vermicularis* Fr.  
*Clavaria zollingeri* Lev.

### Clavariadelphus

*Clavariadelphus Cokeri* Wells & Kempton  
*Clavariadelphus pistillaris* (Fr.) Donk  
*Clavariadelphus truncatus* (Quél.) Donk

### Clavicornona

*Clavicornona pyxidata* (Fr.) Doty

### Clavulina

*Clavulina castaneopes* (Atk.) Petersen  
*Clavulina cristata* (Fr.) Schroet.  
*Clavulina mutabilis* Pet.  
*Clavulina rugosa* (Fr.) Schroet.

### Clavulinopsis

*Clavulinopsis amoena* (Zoll. & Mor.) Corner  
*Clavulinopsis appalachiensis* (Coker) Corner  
*Clavulinopsis aurantio-cinnabarina* (Schw.) Corner  
*Clavulinopsis corniculata* (Fr.) Corner  
*Clavulinopsis dichotoma* (God.) Corner  
*Clavulinopsis filipes* Corner  
*Clavulinopsis fusiformis* (Fr.) Corner  
*Clavulinopsis holmskjoldii* (Oudem.) Corner

Clavulinopsis laeticolor (Berk. & Curt.) Pet.  
Clavulinopsis miniata (Berk.) Corner  
Clavulinopsis subaustralis Pet. & Olexia  
Clavulinopsis subtilis (Fr.) Corner  
Clavulinopsis umbrinella (Sacc.) Corner

Lachnocladium

Lachnocladium semivestitum B. & C.

Lentaria

Lentaria byssiseda Corner

Macrotyphula

Macrotyphula juncea (Fr.) Berthier

Multiclavula

Multiclavula mucida (Fr.) Pet.

Ramaria

Ramaria apiculata var. apiculata  
Ramaria apiculata var. brunnea Pet.  
Ramaria apiculata var. compacta Pet.  
Ramaria botrytis (Fr.) Rick  
Ramaria botrytoides (Pk.) Corner  
Ramaria conjunctipes (Coker) Corner  
Ramaria crispula (Fr.) QuéL.  
Ramaria decurrens (Pers.) Corner  
Ramaria fennica (Karst.) Rick  
Ramaria flava var. subtilis (Coker) Corner  
Ramaria flavo-brunnescens (Atk.) Corner  
Ramaria formosa (Fr.) QuéL.  
Ramaria gelatinosa (Coker) Corner  
Ramaria gracilis (Fr.) QuéL.  
Ramaria grandis (Pk.) Corner  
Ramaria guyanensis (Pat.) Corner  
Ramaria holorubella (Atk.) Corner  
Ramaria invallii (Cott. & Wakef.) Donk  
Ramaria longicaulis (Pk.) Corner  
Ramaria murrillii (Coker) Corner  
Ramaria obtusissima (Pk.) Corner  
Ramaria ochraceo-virens (Jungh.) Donk  
Ramaria rubella (Schaeff. ex Pers.) Pet.  
Ramaria rufescens (Fr.) Corner  
Ramaria secunda (Berk.) Corner  
Ramaria strasseri (Bres.) Corner

Ramaria stricta (Fr.) Quél.  
Ramaria subbotrytis (Coker) Corner  
Ramaria subbotrytis var. intermedia (Coker) Corner  
Ramaria subfennica (Coker) Corner  
Ramaria subspinulosa (Coker) Corner  
Ramaria suecica (Fr.) Donk  
Ramaria verna (Coker) Corner  
Ramaria xanthosperma (Pk.) Corner

Ramariopsis

Ramariopsis crocea (Fr.) Corner  
Ramariopsis flavescens Pet.  
Ramariopsis kunzei (Fr.) Corner  
Ramariopsis kunzei var. favreae Corner  
Ramariopsis lentofragilis (Atk.) Pet.  
Ramariopsis minutula (Bourd. & Galz.) Pet.  
Ramariopsis pseudosubtilis Pet.  
Ramariopsis pulchella (Boud.) Corner  
Ramariopsis tenui-ramosa Corner

Scytinopogon

Scytinopogon angulispora (Pat.) Corner

12. POLYPOROID FUNGI

(Edited by Brian S. Luther)

Albatrellus

- Albatrellus caeruleoporus (Peck) Pouzar  
Albatrellus confluens (Alb. & Schw. ex Fr.)  
Kotl. & Pouz.  
Albatrellus cristatus (Schaeff ex Fr.) Kotl. & Pouz.  
Albatrellus peckianus (Cooke) Niemelä  
Albatrellus pes-caprae (Pers. ex Fr.) Pouzar

Antrodia

- Antrodia albida (Fr.) Donk  
Antrodia crustulina (Bres.) Ryv.  
Antrodia heteromorpha (Fr. ex Fr.) Donk  
Antrodia malicola (B. & C.) Donk  
Antrodia serialis (Fr.) Donk  
Antrodia semisupina (B. & C.) Ryvar den  
Antrodia xantha (Fr.) Ryv.

Bjerkandera

- Bjerkandera adusta (Willd. ex Fr.) Karsten  
Bjerkandera fumosa (Pers. ex Fr.) Karsten

Boletopsis

- Boletopsis grisea (Peck) Bond. & Sing.

Bondarzewia

- Bondarzewia berkeleyi (Fr.) Bond. & Sing.

Ceriporia

- Ceriporia purpurea (Fr.) Donk

Cerrena

- Cerrena unicolor (Bull. ex Fr.) Murrill

Climacocystis

- Climacocystis borealis (Fr.) Kotl. & Pouz.

### Coltricia

Coltricia cinnamomea (Jacq. ex S. F. Gray) Murrill  
Coltricia focicola (B. & C.) Murrill  
Contricia montagnei (Fr. ex Mont.) Murrill  
Coltricia perennis (L. ex Fr.) Murrill

### Coltriciella

Coltriciella dependens (B. & C.) Murrill

### Coriolus

Coriolus hirsutus (Wul. ex Fr.) Qué'l.  
Coriolus pubescens (Schum. ex Fr.) Qué'l.  
Coriolus versicolor (L. ex Fr.) Qué'l.

### Cryptoporus

Cryptoporus volvatus (Peck) Hubbard

### Cycloporus

Cycloporus greenii (Berk.) Murrill

### Daedalea

Daedalea ambigua Berk.  
Daedalea quercina L. ex Fr.

### Daedaleopsis

Daedaleopsis confragosa (Bolt. ex Fr.) Schroet.

### Datronia

Datronia mollis (Sommerf. ex Fr.) Donk

### Fistulina

Fistulina hepatica (Schaeff.) Fr.

### Fomes

Fomes fomentarius (L. ex Fr.) Fr.  
Fomes ohioensis (Berk.) Murrill

Fomitopsis

Fomitopsis cajanderi (Karst.) Kotl. & Pouz.  
Fomitopsis pinicola (Swartz ex Fr.) Karst.  
Fomitopsis rosea (Alb. & Schw. ex Fr.) Karst.  
Fomitopsis scutellata (Schw.) Bond. & Sing.

Ganoderma

Ganoderma applanatus (Pers. ex S. F. Gray) Donk  
Ganoderma lobatum (Schw.) Atk.  
Ganoderma lucidum (Curt. ex Fr.) Karst.  
Ganoderma tsugae Murrill

Globifomes

Globifomes graveolens (Schw.) Murrill

Gloeophyllum

Gloeophyllum sepiarium (Fr.) Karst.

Gloeoporus

Gloeoporus dichrous (Fr. ex Fr.) Bres.  
Gloeoporus pannocinctus (Romell) Eriksson

Grifola

Grifola frondosa (Dicks. ex Fr.) S. F. Gray  
Grifola umbellata (Pers. ex Fr.) Pilát

Hapalopilus

Hapalopilus gilvus (Schw.) Murrill  
Hapalopilus rutilans (Pers. ex Fr.) Karst.

Hirschioporus

Hirschioporus abietinus (Pers. ex Fr.) Donk  
Hirschioporus pargamenus (Fr.) Bond. & Sing.

Incrustoporia

Incrustoporia semipileata (Peck) Donk  
Incrustoporia subincarnata (Peck) Domanski

Inonotus

Inonotus andersonii (E. & E.) Cerny  
Inonotus cuticularis (Bull. ex Fr.) Karst.  
Inonotus dryadeus (Pers. ex Fr.) Murrill  
Inonotus hispidus (Bull. ex Fr.) Karst.  
Inonotus radiatus (Sow. ex Fr.) Karst.  
Inonotus rheades (Pers.) Karst.

Irpex

Irpex lacteus (Fr. ex Fr.) Fr.

Ischnoderma

Ischnoderma benzoinum (Wahl.) Karst.

Junghuhnia

Junghuhnia nitida (Pers. ex Fr.) Ryvarden

Laetiporus

Laetiporus sulphureus (Bull. ex Fr.) Murrill

Lenzites

Lenzites betulina (L. ex Fr.) Fries

Onnia

Onnia tomentosa (Fr.) Karst.  
Onnia triqueter (Fr.) Imaz. apud Ito

Oxyporus

Oxyporus populinus (Schum. ex Fr.) Donk

Parmastomyces

Parmastomyces kravtzevianus (Bon. & Parm. apud Parm.)  
Kotl. & Pouz.

Perenniporia

Perenniporia medulla-panus (Jacq. ex Fr.) Donk  
Perenniporia pulchella  
Perenniporia subacida (Peck) Donk



Phaeolus

Phaeolus schweinitzii (Fr.) Pat.

Phellinus

Phellinus ferreus (Pers.) Bourd. & Galz.  
Phellinus ferruginosus (Schrad. ex Fr.) Pat.  
Phellinus igniarius (L. ex Fr.) QuéL.  
Phellinus laevigatus (Fr.) Bourd. & Galz.  
Phellinus nigricans (Fr.) Karst.  
Phellinus pini (Brot. ex Fr.) Ames  
Phellinus pomaceus (Pers. ex Gray) Maire  
Phellinus punctatus (Fr.) Pilát  
Phellinus robiniae (Murrill) Ames  
Phellinus robustus (Karst.) Bourd. & Galz.  
Phellinus viticola (Schw. ex Fr.) Donk  
Phellinus zaelandicus (Cooke) Donk

Piptoporus

Piptoporus betulinus (Bull. ex Fr.) Karst.

Polyporus

Polyporus arcularius Batsch ex Fr.  
Polyporus brumalis Pers. ex Fr.  
Polyporus floccopes Rostk.  
Polyporus melanopus Pers. ex Fr.  
Polyporus montagnei var. greenei (Berk.) Gilb.  
Polyporus mori Poll. ex Fr.  
Polyporus mutabilis Berk. & Curt.  
Polyporus pinsitus Fr.  
Polyporus robiniophila (Murrill) Lloyd  
Polyporus squamosus Huds. ex Fr.  
Polyporus sublividus Snell  
Polyporus tapeitensis (Murrill) Greene  
Polyporus varius Pers. ex Fr.

Poria

Poria albolutescens (Romell) Bourd. & Galz.  
Poria alutacea Lowe  
Poria cinerascens (Bres.) Sacc. & Syd.  
Poria expansa (Desm.) Jahn  
Poria gilvescens Bresadola  
Poria humilis Murrill  
Poria mutans (Peck) Peck  
Poria myceliosa Peck  
Poria oleagina Overh.



*Poria oleracea* Davidson & Lombard  
*Poria overholtsii* Pilát  
*Poria radiculosa* (Peck) Sacc.  
*Poria rancida* Bres.  
*Poria spissa* (Schw.) Cooke  
*Poria taxicola* (Pers. ex Fr.) Bres.

Porodisculus

*Porodisculus pendulus* (Schw.) Murrill

Poronidulus

*Poronidulus conchifer* (Schw.) Murrill

Pseudofistulina

*Pseudofistulina radicata* (Schw.) Burdsall

Pycnopus

*Pycnopus cinnabarinus* (Jacq. ex Fr.) Karst.  
*Pycnopus sanguineus* (L. ex Fr.) Murrill

Rigidoporus

*Rigidoporus nigrescens* (Bres.) Donk  
*Rigidoporus sanguinolentus* (Alb. & Schw.) Donk  
*Rigidoporus undatus* (Pers.) Donk

Schizopora

*Schizopora paradoxa* (Schrad. ex Fr.) Donk

Skeletocutis

*Skeletocutis amorphus* (Fr. ex Fr.) Kotl. & Pouz.

Spongipellis

*Spongipellis spumeus* (Sow. ex Fr.) Pat.

Trametes

*Trametes cervina* (Schw.) Bres.  
*Trametes variformis* Peck

Tyromyces

Tyromyces albellus (Peck) Bond. & Sing.  
Tyromyces balsameus (Peck) Murrill  
Tyromyces caesius (Schrad. ex Fr.) Murrill  
Tyromyces chioneus (Fr. ex Fr.) Karst.  
Tyromyces croceus (Pers. ex Fr.) Lowe  
Tyromyces fissilis (B. & C.) Donk  
Tyromyces floriformis (Quél. apud Bres.) Bond. & Sing  
Tyromyces fragilis (Fr.) Donk  
Tyromyces galactinus (Berk.) Bondartsev  
Tyromyces guttulatus (Peck) Murrill  
Tyromyces immitis (Peck) Bondartsev  
Tyromyces minusculoides (Pilát) Bondartsev  
Tyromyces spraguei (Berk. & Curt.) Murrill  
Tyromyces tephroleucus (Fr.) Donk  
Tyromyces undosus (Peck) Murrill

Wrightoporia

Wrightoporia lenta (Overh. & Lowe) Pouzar

### 13. BOLETOID FUNGI

(Edited by Carl B. Wolfe, Jr.)

#### Boletellus

Boletellus betula (Schw.) Gilbert  
Boletellus chrysenderoides (Snell) Snell  
Boletellus russellii (Frost) Gilbert

#### Boletus

Boletus affinis Pk.  
Boletus affinis var. maculosus Pk.  
Boletus alutaceus Morgan in Peck  
Boletus atkinsonianus (Murr.) Sacc. & Trott.  
Boletus auripes Pk.  
Boletus bicolor var. subreticulatus Smith & Thiers  
Boletus bicolor var. bicolor  
Boletus bicolor var. borealis Smith & Thiers  
Boletus brunneo-olivaceus Snell, Dick, & Hesler  
Boletus chrysenderon Fr.  
Boletus edulis Bull. ex Fr.  
Boletus erythropus Fr.  
Boletus firmus Frost  
Boletus flammans Dick & Snell  
Boletus fraternus Pk.  
Boletus frostii Russell apud Frost  
Boletus fulvus Pk.  
Boletus glutinosipes Snell & Hesler  
Boletus griseus Frost  
Boletus illudens Peck  
Boletus insuetus Smith & Thiers  
Boletus luridae Shaeff. ex Fr.  
Boletus longicurvipes Snell & Smith  
Boletus melleoluteus Snell, Dick & Hesler  
Boletus miniato-olivaceus Frost  
Boletus miniato-olivaceus var. subluridus  
(Murr.) Singer  
Boletus morrisii Pk.  
Boletus multipinctus Peck  
Boletus nobilis Pk.  
Boletus ornatipes Pk.  
Boletus pallidus Frost  
Boletus parvulus Snell  
Boletus peckii Frost  
Boletus piedmontensis Grand & Smith

Boletus pulverulentus Opat.  
Boletus pulverulentus Opat. forma reticulatus  
Snell, Dick, & Hesler  
Boletus roxanae Frost  
Boletus rubeus Frost  
Boletus rubropictus Snell & Smith  
Boletus satanus Lenz.  
Boletus separans Pk.  
Boletus speciosus Frost  
Boletus subvelutipes Pk.  
Boletus sullivantii B. & C. apud Mont.  
Boletus variipes Pk.  
Boletus vermiculosus Pk.  
Boletus vermiculosoides Smith & Thiers

#### Gyrodon

Gyrodon merulioides (Schw.) Singer

#### Gyroporus

Gyroporus castaneus (Fries) Quélet  
Gyroporus cyanescens (Fries) Quélet

#### Leccinum

Leccinum albellum (Pk.) Singer  
Leccinum chromapes (Frost) Singer  
Leccinum eximium (Pk.) Singer  
Leccinum rubropunctum (Pk.) Singer  
Leccinum rugosiceps (Pk.) Singer  
Leccinum scabrum (Bull. ex Fr.) S. F. Gray  
Leccinum scabrum var. mutabilis Pk.  
Leccinum subglabripes (Pk.) Singer  
Leccinum vulpinum Watling

#### Phylloporus

Phylloporus rhodoxanthus (Schw.) Bres. ssp.  
rhodoxanthus

#### Porphyrellus

Porphyrellus fumosipes (Pk.) Snell  
Porphyrellus gracilis (Pk.) Singer  
Porphyrellus porphyrosporus (Fr. in Fr. & Hök)  
Gilbert  
Porphyrellus sordidus (Frost) Snell

Pulveroboletus

Pulveroboletus auriflammeus (B. & C.) Singer  
Pulveroboletus auriporus (Pk.) Singer  
Pulveroboletus caespitosus (Peck) Singer  
Pulveroboletus ravenelii (B. & C.) Murrill

Strobilomyces

Strobilomyces confusus Singer  
Strobilomyces floccopus Karsten

Suillus

Suillus albidipes (Peck) Singer  
Suillus americanus (Peck) Snell in Slipp & Snell  
Suillus brevipes (Pk.) Kuntze  
Suillus granulatus (Fr.) Kuntze  
Suillus hirtellus (Pk.) Kuntze  
Suillus luteus (Fr.) Gray  
Suillus pictus (Pk.) Smith & Thiers  
Suillus pinorigidus Snell & Dick  
Suillus piperatus (Bull. ex Fr.) Kuntze  
Suillus placidus (Bonorden) Singer  
Suillus punctipes (Pk.) Singer  
Suillus rubinellus (Pk.) Singer  
Suillus subaureus (Pk.) Snell  
Suillus subluteus (Pk.) Snell in Slipp & Snell

Tylopilus

Tylopilus alboater (Schw.) Murrill  
Tylopilus appalachiensis Singer  
Tylopilus ballouii (Pk.) Singer  
Tylopilus felleus (Fr.) Karsten  
Tylopilus ferrugineus (Frost) Singer  
Tylopilus ferrugineus ssp. vinaceogriseus Snell,  
Dick & Hesler  
Tylopilus indecisus (Pk.) Murrill  
Tylopilus peralbidus (Snell & Beardslee) Murr.  
Tylopilus plumbeoviolaceus (Snell) Singer  
Tylopilus rubrobrunneus Mazzer & Smith  
Tylopilus tabacinus (Pk.) Singer  
Tylopilus umbrosus (Peck) Smith & Thiers

Xerocomus

Xerocomus badius (Fr.) Kuhn.  
Xerocomus castanellus (Peck) Snell & Dick  
Xerocomus parasiticus (Fr.) Quelet  
Xerocomus squarrosoides (Snell & Dick) Singer  
Xerocomus subtomentosus (L. ex Fr.) Quelet  
Xerocomus truncatus Singer, Snell & Dick

## 14. CANTHARELLOID FUNGI

(Edited by R. H. Petersen)

### Cantharellus

Cantharellus appalachiensis Petersen  
Cantharellus cibarius Fr.  
Cantharellus cinereus Fr.  
Cantharellus cinnabarinus Schw.  
Cantharellus ignicolor Petersen  
Cantharellus infundibuliformis Fr.  
Cantharellus lateritius (Berk.) Sing.  
Cantharellus minor Peck  
Cantharellus minor var. intensissima Petersen  
Cantharellus odoratus (Schw.) Fr.  
Cantharellus pallidipes Petersen

### Craterellus

Craterellus caeruleofuscus Smith  
Craterellus calyculus Berk.  
Craterellus carolinianus Petersen  
Craterellus cornucopioides L. ex Fr.  
Craterellus fallax Smith  
Craterellus hesleri Petersen  
Craterellus subundulatus Pk.

### Gloeocantharellus

Gloeocantharellus purpurascens (Hesl.) Sing.

### Gomphus

Gomphus clavatus Pers. ex Gray  
Gomphus floccosus (Schw.) Sing.  
Gomphus kauffmanii (Smith) Petersen

## 15. AGARICOID FUNGI

(Overall list revised by L. R. Hesler in 1976)

### Agaricus

(Edited by Alice Freeman)

Agaricus abruptibulbus Pk.  
Agaricus argenteus Braendle in Peck  
Agaricus auricolor Krieger sensu Smith  
Agaricus campestris Fr.  
Agaricus citrinidiscus Murr.  
Agaricus cylindriceps var. aureus Murr.  
Agaricus diminutivus Pk.  
Agaricus placomyces Pk.  
Agaricus pocillator Murr.  
Agaricus rubribrunneus Murr.  
Agaricus sylvaticus Vitt.

### Agrocybe

Agrocybe acericola (Pk.) Singer  
Agrocybe aggericola (Pk.) Singer  
Agrocybe amara (Murr.) Singer  
Agrocybe praecox (Fr.) Fayod  
Agrocybe semiorbicularis (St. Amans) Fayod  
Agrocybe sororia (Pk.) Singer

### Amanita

(Edited by D. T. Jenkins)

Amanita abrupta Pk.  
Amanita brunnescens Atk. var. brunnescens  
Amanita brunnescens var. pallida Krieger  
Amanita caesarea (Fr.) Schw.  
Amanita chlorinosma (Austin) Lloyd  
Amanita cineroconia Atk.  
Amanita cineropannosa Bas  
Amanita citrina (Schaeff. ex) S. F. Gray  
Amanita cokeri (Gilb. & Kuhn.) Gilb.  
Amanita cokeriana Singer  
Amanita excelsa (Fr.) Kummer  
Amanita farinosa Schw.  
Amanita flavoconia Atk.  
Amanita flavorubescens Atk.



*Amanita frostiana* (Pk.) Sacc.  
*Amanita fulva* (Schaeff. ex) Pers.  
*Amanita gemmata* (Fr.) Gill.  
*Amanita hesleri* Bas  
*Amanita muscaria* (Fr.) Hooker var. *muscaria*  
*Amanita muscaria* var. *persicina* Jenkins  
*Amanita onusta* (Howe) Sacc.  
*Amanita pantherina* var. *multisquamosa* (Pk.)  
Jenkins  
*Amanita pantherina* var. *velatipes* (Atk.) Jenkins  
*Amanita parcivolvata* (Pk.) Gilb.  
*Amanita ravenelii* (B. & C.) Sacc.  
*Amanita rhopalopus* Bas  
*Amanita rubescens* (Fr.) S. F. Gray  
*Amanita spissa* (Fr.) Kummer  
*Amanita spreta* Pk.  
*Amanita tephrea* Bas (nom. prov.)  
*Amanita vaginata* (Fr.) Vitt.  
*Amanita virosa* (Fr.) Vitt.  
*Amanita volvata* (Pk.) Martin  
*Amanita wellsii* (Murr.) Sacc.

#### Anellaria

*Anellaria sepulchralis* (Berk.) Sing. (syn. -  
*Panaeolus solidipes* Pk.)

#### Anthracophyllum

*Anthracophyllum nigrofolium* (Pk.)

#### Armillariella

*Armillariella mellea* (Fr.) Karsten  
*Armillariella tabescens* (Fr.) Singer

#### Asterophora

*Asterophora lycoperoides* (Merat) Ditmar  
*Asterophora parasitica* (Fr.) Sing.

#### Baeospora

*Baeospora myriadophylla* (Pk.) Singer (syn. -  
*Collybia myriadophylla* Pk.)

### Bolbitius

- Bolbitius callisteus (Pk.) Singer  
Bolbitius aleuriatus (Fr.) Sing.  
Bolbitius coprophilus Pk.  
Bolbitius reticulatus (Fr.) Ricken  
Bolbitius vitellinus (Fr.) Fr. (syn. - Bolbitus  
fragilis (L. ex) Fr.)

### Catathelasma

- Catathelasma ventricosum (Pk.) Singer

### Cheimonophyllum

- Cheimonophyllum candidissimus (B. & C.) Sing.  
(syn. - Pleurotus candidissimus (B. & C.) Sacc.)

### Clitocybe

- Clitocybe aeruginosa Bigelow  
Clitocybe carolinensis Big. & Hes.  
Clitocybe clavipes (Fr.) Kummer  
Clitocybe cokeri Hes.  
Clitocybe cyathiformis (Fr.) Kummer  
Clitocybe densifolia (Favre) Big. & Sm.  
Clitocybe discolor ( Secr. ) Murr.  
Clitocybe ditopa Fr.  
Clitocybe eccentrica Pk.  
Clitocybe ectypoides (Pk.) Sacc.  
Clitocybe epichysium (Fr.) Big.  
Clitocybe fasciculata Big. & Sm. . (syn. -  
Lepista caespitosa (Bres.) Sing.)  
Clitocybe felliioides Kauff.  
Clitocybe gibba (Fr.) Kummer  
Clitocybe gigantea (Fr.) Quéll.  
Clitocybe griseopallida (Desm.) Singer  
Clitocybe highlandensis Hes. & Sm.  
Clitocybe hohensis (Sm.) Big.  
Clitocybe hydrogramma (Fr.) Kummer  
Clitocybe illudens (Schw.) Sacc.  
Clitocybe imaiana Singer  
Clitocybe inornata (Fr.) Gill.  
Clitocybe nuda (Fr.) Big. & Sm.  
Clitocybe odora (Fr.) Kummer var. odora  
Clitocybe pinophila (Pk.) Sacc.  
Clitocybe regularis Pk.

Clitocybe rivulosa (Fr.) Kummer  
Clitocybe robusta Pk.  
Clitocybe senilis (Fr.) Gillet  
Clitocybe sinopica (Fr.) Kummer  
Clitocybe squamulosa (Fr.) Kummer  
Clitocybe striatula (Kuhner) Orton  
Clitocybe subclavata (Pk.) Big. & Hes.  
Clitocybe subconnexa Murr.  
Clitocybe subditopoda Pk.  
Clitocybe subpulchella Big. (ined.)  
Clitocybe tarda var. alcalina Big.  
Clitocybe tarda Pk. var. tarda  
Clitocybe trullaeformis (Fr.) Qué1.  
Clitocybe ulmicola Big. (ined.)  
Clitocybe vermicularis (Fr.) Qué1.

### Clitocybula

Clitocybula lacerata (Pollina) Metrod

### Clitopilus

Clitopilus noveboracensis Pk. var. noveboracensis  
Clitopilus noveboracensis var. subviolaceus Pk.  
Clitopilus orcella (Fr.) Kummer  
Clitopilus prunulus (Fr.) Kummer

### Collybia

Collybia abundans Pk.  
Collybia acervata (Fr.) Kummer  
Collybia alba Pk.  
Collybia aquosa Fr.  
Collybia butyracea (Fr.) Kummer  
Collybia colorea Pk.  
Collybia confluens (Fr.) Kummer  
Collybia conigena Coker  
Collybia conigenoides Ellis  
Collybia dichrous (B. & C.) Gilliam  
Collybia dryophila (Fr.) Kummer  
Collybia exsculpta (Fr.) Gill. var. exsculpta  
Collybia exsculpta var. rubescentifolia Pk.  
Collybia familia (Pk.) Sacc.  
Collybia fasciata (Penn.) Smith (ined.)  
Collybia flaccida Sm. & Hes.  
Collybia glatfelteri Murr.  
[Collybia lacunosa Pk. - see: Cryptotrampa  
chrysopeplum (B. & C.) Singer]  
Collybia leucocephaloides (Pk.) Singer

*Collybia maculata* (Fr.) Kummer var. *maculata*  
*Collybia maculata* var. *moschata* Lovejoy  
*Collybia maculata* var. *occidentalis* Sm.  
*Collybia maculata* var. *scorzonerea* (Fr.) Gillet  
 [*Collybia myriadophylla* Pk. - see: *Baeospora*  
*myriadophylla* (Pk.) Singer]  
*Collybia olivaceobrunnea* Sm. & Hes.  
*Collybia peronata* (Fr.) Singer  
*Collybia praeacuta* (Ellis) Gilliam  
*Collybia spongiosa* (B. & C.) Singer  
*Collybia subnuda* (Pk.) Gilliam  
*Collybia tuberosa* (Fr.) Kummer  
*Collybia velutipes* Fr.  
*Collybia virginiana* Murr.

#### Conocybe

*Conocybe intermedia* (Sm.) Kuhner  
*Conocybe pubescens* (Gillet) Kuhner  
*Conocybe rickenii* (J. Schaeff.) Kuhner  
*Conocybe tenera* (Fr.) Kuhner var. *tenera*  
*Conocybe tenera* var. *subovalis* Kuhner

#### Coprinus

*Coprinus angulatus* Pk.  
*Coprinus micaceus* (Fr.) Fr.  
*Coprinus plicatilis* (Fr.) Fr.

#### Cortinarius

*Cortinarius actus* (Fr.) Fr.  
*Cortinarius alboviolaceus* (Fr.) Fr.  
*Cortinarius annulatus* Pk.  
*Cortinarius anomalus* (Fr.) Fr.  
*Cortinarius argentatus* (Fr.) Fr.  
*Cortinarius arquatus* sensu Lange  
*Cortinarius badius* Pk.  
*Cortinarius bivelus* (Fr.) Fr.  
*Cortinarius bolaris* (Fr.) Fr.  
*Cortinarius boudieri* Henry  
*Cortinarius braendlei* Pk.  
*Cortinarius brevipes* Pk.  
*Cortinarius brunneofulvus* (Fr.) Fr.  
*Cortinarius callisteus* (Fr.) Fr.  
*Cortinarius calochrous* (Fr.) Fr.  
*Cortinarius camphoratus* Fr.  
*Cortinarius canescens* Pk.  
*Cortinarius cinnabarinus* Fr.

Cortinarius cinnamomeus (Fr.) Fr.  
Cortinarius colymbadinus Fr.  
Cortinarius compressus Smith  
Cortinarius corrugatus Pk.  
Cortinarius corruscans Fr.  
Cortinarius croceocaeruleus Fr.  
Cortinarius croceofolius Pk.  
Cortinarius cyanites Fr.  
Cortinarius cylindripes Kauff.  
Cortinarius deceptivus Kauff.  
Cortinarius delibutus Fr.  
Cortinarius distans Pk.  
Cortinarius elegantior Fr.  
Cortinarius erythrinus (Fr. ex Secr.) Fr.  
Cortinarius evernius (Fr.) Fr.  
Cortinarius flavifolius Pk.  
Cortinarius flexipes Fr.  
Cortinarius gentilis Fr.  
Cortinarius glandicolor Fr.  
Cortinarius glaucopus (Fr.) Fr.  
Cortinarius glutinosus Pk.  
Cortinarius hemitrichus Fr.  
Cortinarius hinnuleus Fr.  
Cortinarius humicola (Qué.) Maire  
Cortinarius iliopodius Fr.  
Cortinarius infractus Fr.  
Cortinarius injucundus Fr.  
Cortinarius iodes B. & C.  
Cortinarius iodeoides Kauff.  
Cortinarius lanatipes Pk.  
Cortinarius laniger Fr.  
Cortinarius lapidophilus Pk.  
Cortinarius largus Fr.  
Cortinarius lilacinus Pk.  
Cortinarius luteobrunnescens Smith  
Cortinarius malachus (Fr.) Fr.  
Cortinarius malicorius Fr.  
Cortinarius mammosus Kauff.  
Cortinarius modestus Pk.  
Cortinarius montanus Kauff.  
Cortinarius morrisii Pk.  
Cortinarius mucosus (Fr.) Ricken  
Cortinarius multifolius Fr.  
Cortinarius multiformis (Fr. ex Secr.) Fr.  
Cortinarius muscigenus Pk.  
Cortinarius mutabilis Smith  
Cortinarius nigrellus Pk.  
Cortinarius nigrocaespitosus Kauff.

Cortinarius obliquus Pk.  
Cortinarius obtusus Fr.  
Cortinarius olivaceus Pk.  
Cortinarius periscelis Fr.  
Cortinarius phoeniceus var. occidentalis Smith  
Cortinarius plumiger Fr.  
Cortinarius porphyropus Fr.  
Cortinarius praepallens Pk.  
Cortinarius privignus Fr.  
Cortinarius pseudosalor Lange  
Cortinarius pulchrifolius Pk. var. pulchrifolius  
Cortinarius pulchrifolius var. odorifer Hesler  
Cortinarius purpurascens (Fr.) Fr.  
Cortinarius raphanoides (Fr.) Fr.  
Cortinarius renidens Fr.  
Cortinarius rigens Fr.  
Cortinarius rigidus Fr.  
Cortinarius rusticus Karsten  
Cortinarius sanguineus (Fr.) Fr.  
Cortinarius scandens Fr.  
Cortinarius scaurus (Fr.) Fr.  
Cortinarius scutulatus Fr.  
Cortinarius semisanguineus (Fr.) Kauff.  
Cortinarius sphaerosporus Pk.  
Cortinarius splendidus Pk.  
Cortinarius squamulosus Pk.  
Cortinarius subaustralis Sm. & Hes.  
Cortinarius sublexipes Pk.  
Cortinarius subpulchrifolius Kauff.  
Cortinarius subpurpurascens Fr.  
Cortinarius subrimosus Sm. & Hes.  
Cortinarius subtabularius Kauff.  
Cortinarius torvus (Fr.) Fr.  
Cortinarius uraceus Fr.  
Cortinarius variicolor (Fr.) Fr.  
Cortinarius vibratilis Fr.  
Cortinarius violaceus Fr.

#### Crepidotus

Crepidotus alabamensis Murr.  
Crepidotus albatuS Hes. & Sm.  
Crepidotus amygdalosporus Kühner  
Crepidotus appalachianensis Hes. & Sm.  
Crepidotus applanatus (Pers.) Kummer var. applanatus  
Crepidotus applanatus var. globigera (Berk.) Sacc.  
Crepidotus aureifolius Hes. & Sm.  
Crepidotus betulae Murr.  
Crepidotus croceitinctus Pk.



*Crepidotus crocophyllus* (Berk.) Sacc.  
*Crepidotus cystidiosus* Hes. & Sm.  
*Crepidotus ellipsoideus* Hes. & Sm.  
*Crepidotus epibryus* (Fr.) Quél.  
*Crepidotus fraxinicola* Murr.  
*Crepidotus herbarum* (Pk.) Sacc.  
*Crepidotus kauffmanii* Hes. & Sm.  
*Crepidotus malachus* (B. & C.) Sacc. var. *malachus*  
*Crepidotus malachus* var. *trichiferus* Hes. & Sm.  
*Crepidodotus mollis* (Fr.) Staude var. *mollis*  
*Crepidotus montanus* Hes. & Sm.  
*Crepidotus nephrodes* (B. & C.) Sacc.  
*Crepidotus putrigenus* (B. & C.) Sacc.  
*Crepidotus regularis* Hes. & Sm.  
*Crepidotus smithii* Hes.  
*Crepidotus unicus* Hes. & Sm.  
*Crepidotus versutus* (Pk.) Sacc.  
*Crepidotus viridiphyllus* Hes.  
*Crepidotus viscidiphyllus* Hes.  
*Crepidotus vulgaris* Hes. & Sm.

#### Crinipellis

*Crinipellis stipitaria* (Fr.) Pat.  
*Crinipellis zonatus* (Pk.) Pat.

#### Cystoderma

*Cystoderma amianthinum* (Fr.) Fayod var.  
    *amianthinum*  
*Cystoderma amianthinum* f. *rugoso-reticulatum*  
    (lorinser) Sm. & Sing.  
*Cystoderma amianthinum* var. *sublongisporum*  
    Singer  
*Cystoderma granulorum* (Fr.) Fayod  
*Cystoderma granosum* (Morgan) Sm. & Sing.  
*Cystoderma ponderosum* Sm. & Sing.

#### Entoloma

*Entoloma abortivum* (B. & C.) Donk  
*Entoloma aethiops* (Fr.) Stevenson var. *aethiops*  
*Entoloma aethiops* var. *cystidiosum* Hes.  
*Entoloma alabamense* (Murr.) Hes.  
*Entoloma albatum* Hes.  
*Entoloma albinellum* (Pk.) Hes.  
*Entoloma albosericeum* Hes.  
*Entoloma albo-umbonatum* Hes.

Entoloma appalachianense Hes.  
 Entoloma atrodiscus Hes.  
 Entoloma aurantiobrunneum Hes.  
 Entoloma avellaneosquamosum Hes.  
 Entoloma babingtonii (Blox.) Hes.  
 Entoloma brevipes Murr.  
 Entoloma brunneipes Hes.  
 Entoloma brunneocinereum Hes.  
 Entoloma byssisedum (Fr.) Donk  
 Entoloma caeruleorubescens Hes.  
 Entoloma candens Hes.  
 Entoloma candidulum Hes.  
 Entoloma canescens Hes.  
 Entoloma canum Hes.  
 Entoloma carolinense Hes.  
 Entoloma carolinianum Hes.  
 Entoloma clavipes Hes.  
 Entoloma clypeatum (Fr.) Kummer  
 Entoloma coelestinum (Fr.) Hes.  
 Entoloma cokeri Murr.  
 Entoloma conicum (Pk.) Hes.  
 Entoloma delicatum Hes.  
 Entoloma depluens (Fr.) Hes.  
 Entoloma euchroum (Fr.) Donk  
 Entoloma fasciculatum Hes.  
 Entoloma fibrillosum (Pk.) Hes.  
 Entoloma foetidum Hes.  
 Entoloma fragrans Hes.  
 Entoloma fuliginomarginatum Hes.  
 Entoloma fumeum Hes.  
 Entoloma fumosifolium Hes.  
 Entoloma fuscusquamosus Hes.  
 Entoloma gracile Hes.  
 Entoloma grayanum (Pk.) Sacc. var. grayanum  
 Entoloma griseobrunneum Hes.  
 Entoloma griseo-incarnatum Hes.  
 Entoloma griseum (Pk.) Hes.  
 Entoloma hesleri Morgan-Jones  
 Entoloma infuscatum Hes.  
 Entoloma lagenicystis Hes.  
 Entoloma latifolium Hes.  
 Entoloma lividomurinum Hes.  
 Entoloma luridum Hes.  
 Entoloma luteoroseum Hes.  
 Entoloma luteum Pk.  
 Entoloma maculatum Hes.  
 Entoloma madidum (Fr.) Gill.  
 Entoloma mammosum (Fr.) Hes.  
 Entoloma marginatum Hes.



Entoloma micropus (Pk.) Hes.  
 Entoloma mougeotii (Fr.) Hes.  
 Entoloma murinum Pk.  
 Entoloma murraili (B. & C.) Sacc.  
 Entoloma nigrobrunneum Hes.  
 Entoloma nigrosquamosum Hes.  
 Entoloma nigroviolaceum var. striatulum Hes.  
 Entoloma nigroviolaceum (Orton) Hes. var.  
     nigroviolaceum  
 Entoloma odorifer Hes.  
 Entoloma olivaceobrunneum Hes.  
 Entoloma olivaceomarginatum Hes.  
 Entoloma olivaceosquamosum Hes.  
 Entoloma pallido-olivaceum Hes.  
 Entoloma papillatum (Bres.) Dennis  
 Entoloma parvipapillatum (Murr.) Hes.  
 Entoloma parvum (Pk.) Hes.  
 Entoloma prismosporum Hes.  
 Entoloma pyrinum (B. & C.) Hes.  
 Entoloma rhodopolium (Fr.) Kummer  
 Entoloma rimosus Hes.  
 Entoloma roseum (Longyear) Hes.  
 Entoloma rugulosum Hes.  
 Entoloma salmoneum (Pk.) Sacc.  
 Entoloma scabrinellum (Pk.) Sacc.  
 Entoloma sericatum (Britz.) Sacc.  
 Entoloma sericellum var. amarum Hes.  
 Entoloma sericellum (Fr.) Kummer var. sericellum  
 Entoloma sericeum (Merat) Quél.  
 Entoloma serrulatum (Fr.) Hes.  
 Entoloma setastipes Hes.  
 Entoloma squamodiscum Hes.  
 Entoloma squamulosum Hes.  
 Entoloma stipitatum (Sm. & Hes.) Hes.  
 Entoloma striatum Hes.  
 Entoloma strictius var. cystidiosum Hes.  
 Entoloma strictius (Pk.) Sacc. var. strictius  
 Entoloma subcorvinum Hes.  
 Entoloma subfarinaceum Hes.  
 Entoloma subgriseum Hes.  
 Entoloma subhirtipes Hes.  
 Entoloma subnigrum (Murr.) Hes.  
 Entoloma subplanum (Pk.) Hes.  
 Entoloma subplicatum Hes.  
 Entoloma subquadratum Hes.  
 Entoloma subserrulatum (Pk.) Hes.  
 Entoloma substrictius Murr.  
 Entoloma subumbonatum Hes.  
 Entoloma tephreum Hes.

Entoloma umbiliciformis Hes.  
Entoloma unicolor (Pk.) Hes.  
Entoloma velatum Hes.  
Entoloma velutinum Hes.  
Entoloma violaceum Murr.  
Entoloma viridipallidum Hes.  
Entoloma vulgare Hes.

#### Galerina

Galerina autumnalis (Pk.) Sm. & Sing.  
var. autumnalis  
Galerina cerina var. ampullicystis Sm. & Sing.  
Galerina evelata (Sing.) Sm. & Sing. var. evelata  
Galerina heterocystis (Atk.) Sm. & Sing.  
Galerina larigna Sing.  
Galerina marginata (Fr.) Kummer  
Galerina papillata Sing.  
Galerina semilanceolata (Pk.) Sm. & Sing.  
Galerina sphagnorum (Fr.) Kuhner  
Galerina subcerina Sm. & Sing. var. subcerina

#### Gerronema

Gerronema chrysophyllum (Fr.) Sing. (syn. --  
Omphalia chrysophylla (Fr.) Kummer)  
Gerronema strombodes (Berk. & Mont.) Sing.  
(syn. -- Omphalia strombodes (B. & C.))

#### Gomphidius

Gomphidius nigricans Pk.  
Gomphidius rutilus ssp. alabamensis Singer  
Gomphidius rutilus (Fr.) Lundell & Nannfeldt  
var. rutilus  
Gomphidius vinicolor Pk.

### Gymnopilus

Gymnopilus aeruginosus (Pk.) Sing.  
Gymnopilus flavidellus Murr.  
Gymnopilus fuscusquamulosus Hes.  
Gymnopilus liquiritiae (Fr.) Karst.  
Gymnopilus naucorioides Hes.  
Gymnopilus picreus (Fr.) Karst.  
Gymnopilus spectabilis (Fr.) Smith

### Hebeloma

Hebeloma albomarginatum Hes.  
Hebeloma angustisporium Hes.  
Hebeloma asperulatum Hes.  
[Hebeloma avellaneifolium sp. nov.]  
Hebeloma brunneifolium Hes.  
[Hebeloma fasciculatum sp. nov.]  
  
[Hebeloma linearifolium sp. nov.]  
Hebeloma mesophaeum (Fr.) QuéL.  
  
[Hebeloma nitidum sp. nov.]  
  
[Hebeloma ochraceodiscus sp. nov.]  
  
[Hebeloma ochraceum sp. nov.]  
  
[Hebeloma odoriferum sp. nov.]  
  
[Hebeloma pallens sp. nov.]  
  
[Hebeloma parvulum sp. nov.]  
  
Hebeloma perangustisporium Hes.  
  
[Hebeloma piceicola sp. nov.]  
  
[Hebeloma pinicola sp. nov.]  
  
Hebeloma politum Hes.  
Hebeloma rivulosum He.  
[Hebeloma subasperulatum sp. nov.]  
  
[Hebeloma submite sp. nov.]  
  
Hebeloma velatum Pk.

### Hohenbuehlia

Hohenbuehlia petaloides (Fr.) Schultz  
[syn. -- H. spathulatus?]  
Hohenbuehlia grises (Pk.) Sing.  
Hohenbuehlia serotinus (Fr.) Sing.

### Hygrophoropsis

Hygrophoropsis aurantiaca (Fr.) Maire var.  
aurantiaca

### Hygrophorus

Hygrophorus acutoconicus (Clement) Smith  
Hygrophorus appalachianensis Hes. & Sm.  
Hygrophorus aurantius (Murr.) Murr.  
Hygrophorus borealis Pk. f. borealis  
Hygrophorus caespitosus Murr.  
Hygrophorus calyptraeformis Berk. & Br.  
Hygrophorus canescens Sm. & Hes.  
Hygrophorus cantharellus Schw.  
Hygrophorus ceraceus (Fr.) Fr.  
Hygrophorus chlorophanus (Fr.) Fr.  
Hygrophorus chrysaspis Metrod  
Hygrophorus coccineus Fr.  
Hygrophorus conicus (Fr.) Fr.  
Hygrophorus cuspidatus Pk.  
Hygrophorus deceptivus Sm. & Hes.  
Hygrophorus eburneus (Fr.) Fr.  
Hygrophorus fallax Sm. & Hes.  
Hygrophorus flavescens (Kauff.) Sm. & Hes.  
Hygrophorus fuligeneus Frost  
Hygrophorus gliocyclus Fr.  
Hygrophorus hymenocephalus Sm. & Hes.  
Hygrophorus hypothejus (Fr.) Fr.  
Hygrophorus kauffmanii Sm. & Hes.  
Hygrophorus laetus (Fr.) Fr.  
Hygrophorus marginatus Pk. var. marginatus  
Hygrophorus marginatus var. olivaceus  
Sm. & Hes.  
Hygrophorus miniatus (Fr.) Fr. var. miniatus  
Hygrophorus minutulus Pk.  
Hygrophorus mycenoides Sm. & Hes.  
Hygrophorus nitidus B. & C.  
Hygrophorus nitratus Fr.  
Hygrophorus niveus Fr.

Hygrophorus obconicus Pk.  
Hygrophorus occidentalis Sm. & Hes.  
Hygrophorus ovinus (Fr.) Fr.  
Hygrophorus paludosus Pk.  
Hygrophorus parvulus Pk.  
Hygrophorus peckianus Howe  
Hygrophorus ponderatus Britz  
Hygrophorus pratensis (Fr.) Fr.  
Hygrophorus pseudo-ovinus sp. nov. (not  
published as yet, Oct. 1976)  
Hygrophorus pseudopallidus Hes. & Sm.  
Hygrophorus psitticinus Fr.  
Hygrophorus puniceus Fr.  
Hygrophorus purpurascens Schw.  
Hygrophorus urssula (Fr.) Quel.  
Hygrophorus spadiceus var. albifolius Hes. & Sm.  
Hygrophorus subaustralis Sm. & Hes.  
Hygrophorus subovinus Hes. & Sm.  
Hygrophorus subviolaceus Pk.  
Hygrophorus tennesseensis Sm. & Hes.  
Hygrophorus tephroleucus (Fr.) var. tephroleucus  
Hygrophorus tephroleucus var. aureofloccosus  
Sm. & Hes.  
Hygrophorus unquinosus (Fr.) Fr. var. unquinosus  
Hygrophorus virgineus (Fr.) Fr.

#### Hypsizygus

Hypsizygus tessulatus (Fr.) Sing. (syn. --  
Pleurotus ulmarius)

#### Inocybe

Inocybe albodisca Pk.  
Inocybe atripes Atk.  
Inocybe caesariata (Fr.) P. Karsten  
Inocybe calamistrata (Fr.) Quéll.  
Inocybe castanea Pk.  
Inocybe ciacatricata E. & E.  
Inocybe cookei Bres.  
Inocybe dstricta Fr.  
Inocybe eutheloides Pk.  
Inocybe fastigiata (Schaeff.) P. Karst. var.  
fastigiata  
Inocybe fastigiata var. microsperma Bres.  
Inocybe fastigiella Atk.  
Inocybe fuscodisca (Pk.) Masee

*Inocybe geophylla* (Fr.) P. Karst. var. *geophylla*  
*Inocybe geophylla* var. *lateritia* Weinm.  
*Inocybe hystrix* (Fr.) Karst.  
*Inocybe insignis* Smith  
*Inocybe intricata* Pk.  
*Inocybe lacera* (Fr.) P. Karst.  
*Inocybe lanuginosa* (Fr.) Kummer  
*Inocybe letocystis* Atk.  
*Inocybe leptophylla* Atk.  
*Inocybe lilacina* (Boud.) Kauff.  
*Inocybe longicystis* Atk.  
*Inocybe lorillardiana* Murr.  
*Inocybe luteofolia* Smith  
*Inocybe minima* Pk.  
*Inocybe mutata* (Pk.) Masee  
*Inocybe nodulosa* Kauff.  
*Inocybe pallidipes* E. & E.  
*Inocybe praetervisa* Quéf.  
*Inocybe prominens* Kauff.  
*Inocybe rimosoides* Pk.  
*Inocybe subdecurrens* E. & E.  
*Inocybe subdestricta* Kauff.  
*Inocybe subochracea* var. *burtii*  
*Inocybe subtomentosa* Pk.  
*Inocybe tahquamenonensis* Stuntz  
*Inocybe trechispora* (Berk.) P. Karst.  
*Inocybe tubarioides* Atk.  
*Inocybe umbrina* Bres.  
*Inocybe umbrinella* Bres.  
*Inocybe violaceofolia* Pk.

#### Laccaria

*Laccaria laccata* (Berk. & Br.) var. *laccata*  
*Laccaria laccata* var. *striatula* Pk.  
*Laccaria ochropurpurea* (Berk.) Pk.

#### Lactarius

*Lactarius affinis* var. *viridilactis* (Kauff.)  
 comb. nov.  
*Lactarius agglutinatus* Burl  
*Lactariusalachuanus* Murr. var. *alachuanus*  
*Lactarius allardii* Coker  
 [ *Lactarius atro-olivaceus* Smith & Hes. ]  
*Lactarius atroviridis* Pk.  
*Lactarius camphoratus* (Fr.) Fr.  
*Lactarius carbonicola* Smith



[Lactarius carminascens Smith & Hes.]  
 Lactarius carolinensis Hes.  
 Lactarius chelidonium Pk. var. chelidonium  
 Lactarius chrysorheus Fr.  
 Lactarius cinereus Pk. var. cinereus  
 [Lactarius cinereus var. fagetorum Smith & Hes.]  
 [Lactarius circellatus var. borealis Smith & Hes.]  
 Lactarius cokeri Sm. & Hes.  
 Lactarius colorascens Pk.  
 Lactarius corrugis Pk.  
 [Lactarius crassocutis (Smith & Hes.)  
 (= L. torminosus var. glabra Murr.)]  
 Lactarius croceus Burl.  
 Lactarius deceptivus Pk.  
 Lactarius delicatus Burl.  
 Lactarius deliciosus (Fr.) S. F. Gray var.  
 deliciosus  
 Lactarius fagicola Sm. & Hes.  
 [Lactarius frustratus Smith & Hes.]  
 Lactarius fumosus Pk. var. fumosus  
 [Lactarius fusco-olivaceus Smith & Hes. var.  
 fusco-olivaceus]  
 Lactarius gerardii Pk.  
 Lactarius glutinopallens Lge. & Møller  
 Lactarius griseus Pk.  
 Lactarius hygrophoroides Berk. & Curt.  
 Lactarius imperceptus Beards. & Burl.  
 Lactarius indigo (Schw.) Fr. var. indigo  
 Lactarius lanuginosus Burl.  
 [Lactarius lavendulaceus Smith & Hes.]  
 Lactarius lignyotellus Sm. & Hes.  
 Lactarius lignyotus var. canadensis Sm. & Hes.  
 Lactarius luteolus Pk.  
 Lactarius maculatipes Burl.  
 Lactarius maculatus Pk.  
 Lactarius maculosus Murr.  
 Lactarius marylandicus Sm. & Hes.  
 Lactarius mucidus Burl. var. mucidus  
 [Lactarius musicola Smith & Hes.]  
 Lactarius mutabilis Pk.  
 [Lactarius neuhoffii var. fragrans (Burl.)  
 Smith & Hes.]  
 [Lactarius neuhoffii var. neuhoffii Smith & Hes.]

*Lactarius oculatus* (Pk.) Burl.  
 [ *Lactarius olivaceo-brunneus* Smith & Hes. ]  
*Lactarius paradoxus* Beards. & Burl.  
 [ *Lactarius peckii* var. *glaucescens* Smith & Hes. ]  
*Lactarius peckii* Burl. var. *peckii*  
 [ *Lactarius petersenii* Smith & Hes. ]  
 [ *Lactarius piperatus* var. *glaucescens* (Crossl.)  
 Smith & Hes. ]  
*Lactarius piperatus* (Fr.) S. F. Gray var.  
*piperatus*  
*Lactarius psammicola* Sm. var. *psammicola*  
 [ *Lactarius pseudo-aspideus* Smith & Hes. ]  
 [ *Lactarius pseudoflexuosus* Smith & Hes. ]  
*Lactarius pseudofuliginosus* Sm. & Hes.  
 [ *Lactarius pseudomaculatus* Smith & Hes. ]  
 [ *Lactarius pungens* Smith & Hes. ]  
 [ *Lactarius purpureo-echinatus* Smith & Hes. ]  
*Lactarius pyrogalus* (Fr.) Fr.  
*Lactarius resimus* var. *regalis* Pk.  
*Lactarius resimus* (Fr.) Fr. var. *resimus*  
*Lactarius rimosellus* Pk.  
*Lactarius rugatus* Kuhn. & Romagn.  
*Lactarius salmoneus* Pk. var. *salmoneus*  
*Lactarius sordidus* Pk.  
*Lactarius speciosus* Burl.  
 [ *Lactarius subgerardii* Smith & Hes. ]  
*Lactarius subisabellinus* Murr.  
*Lactarius subplinthogalus* Coker  
*Lactarius subrubescens* Sm. & Hes.  
 [ *Lactarius subvellereus* var. *subdistans*  
 Smith & Hes. ]  
*Lactarius subvellereus* Pk. var. *subvellereus*  
*Lactarius subvelutinus* Pk.  
*Lactarius subserifluus* Longyear  
*Lactarius sumstinei* Pk.  
*Lactarius theiogalus* (Fr.) S. F. Gray  
*Lactarius uvidus* (Fr.) Fr. var. *uvidus*  
*Lactarius vellereus* (Fr.) Fr. var. *vellereus*  
*Lactarius vinaceorufescens* Smith  
 [ *Lactarius vinaceosporus* Smith & Hes. ]  
 [ *Lactarius volemus* var. *flavus* Smith & Hes. ]  
*Lactarius volemus* (Fr.) Fr. var. *volemus*



Lentinellus

[See: Singer, Agaricales, 3rd ed., p. 794, 1975, in which he refers to the recent work of Maas Geesteranus, who places the genera Lentinellus and Auriscalpium, a hydnyaceous fungus, in a proposed new family, Auriscalpiaceae.]

Lentinellus umbilicatus (Pk.) Singer (syn. --  
L. omphalodes (Fr.) Karsten)  
Lentinellus ursinus (Fr.) Kuhner  
Lentinellus vulpinus (Fr.) Kuhner

Lentinus

Lentinus adhaerens (Fr.) Fr.  
Lentinus lepideus (Fr.) Fr.

Lepiota

Lepiota acerina Pk.  
Lepiota acutaesquamosa (Weinm.) Kummer  
Lepiota alluviana (Fr.) Morgan  
Lepiota asperula Atk.  
Lepiota bucknallii (B. & Br.) Sacc.  
[Singer: Cystolepiota]  
Lepiota cepaestipes (Fr.) Kummer  
[Leucocoprinus]  
Lepiota clypeolaria (Fr.) Kummer  
Lepiota cortinarius Lange  
Lepiota cristata (Fr.) Kummer  
Lepiota cristatella Pk.  
Lepiota forquignonii Ricken  
Lepiota fuscoscumea Pk.  
Lepiota grangei (Eyre) Lange  
Lepiota kauffmanii Helen V. Smith  
Lepiota lutea (Secr.) Godfrin  
Lepiota miamensis Morgan  
Lepiota molybdites (Fr.) Sacc.  
[Chlorophyllum m. (Fr.) Masee]  
Lepiota phaeosticta Morgan  
Lepiota procera (Fr.) Kummer [Macrolepiota p.  
(Fr.) Sing.]  
Lepiota pusillomyces Pk.  
Lepiota roseifolia Murr.

Lepiota rubida Kauff.  
Lepiota rubrotincta Pk.  
Lepiota rufescens (B. & B.) Lange  
Lepiota rugulosa Pk.

Leucopaxillus

Leucopaxillus giganteus (Fr.) Singer  
Leucopaxillus laterarius (Pk.) Singer & Smith

Limacella

Limacella glischra (Morgan) Murr.  
Limacella glioderma (Fr.) Maire  
Limacella illinita (Fr.) Maire

Lyophyllum

Lyophyllum conglobatum (Fr.) Kuhner  
Lyophyllum fuligininum (Pk.) Sing.  
Lyophyllum fumescens (Pk.) comb. nov.

Marasmiellus

Marasmiellus albuscorticus ( Secr. ) Sing.  
Marasmiellus nigripes (Schw.) Sing.  
Marasmiellus ramealis (Fr.) Sing.

Marasmius

Marasmius androsaeus (Fr.) Fr.  
Marasmius capillaris Morgan  
Marasmius cohaerens (Fr.) Cooke var. cohaerens  
Marasmius cohaerens var. lachnophyllum (Berk.)  
Gilliam  
Marasmius cystidiosus (Sm. & Hes.) Gilliam  
Marasmius epodius Bres.  
Marasmius floridanus Murr.  
Marasmius fulvoferruginosus Gilliam  
Marasmius nigripes (Schw.) Fr.  
Marasmius pseudoimpudicus Murr.  
Marasmius pyrrhocephalus Berk.  
Marasmius rotula (Fr.) Fr.  
Marasmius scorodoni (Fr.) Fr.  
Marasmius siccus (Schw.) Fr.  
Marasmius strictipes (Pk.) Singer  
Marasmius thujinus Pk.

### Melanoleuca

*Melanoleuca melanoleuca* (Fr.) Pat.

### Micromphale

*Micromphale foetidum* (Schw. ex Fr.) Singer

### Mycena

*Mycena acicula* (Fr.) Kuhner  
*Mycena alba* Pk.  
*Mycena albiceps* (Pk.) Gilliam  
*Mycena albidula* (Pk.) Sing.  
*Mycena alcalina* (Fr.) Qué<sup>l</sup>.  
*Mycena algierensis* Kuhner  
*Mycena atroalboides* Pk.  
*Mycena borealis* Smith  
*Mycena capilaripes* Pk.  
*Mycena carolinensis* Sm. & Hes.  
*Mycena cinerella* Karst.  
*Mycena clavicularis* (Fr.) Gill.  
*Mycena collybiiformis* Murr.  
*Mycena concolor* (Lange) Kuhner  
*Mycena corticola* (Fr.) S. F. Gray  
*Mycena cylindrispora* Sm.  
*Mycena delicatella* (Pk.) Sm.  
*Mycena elegantula* Pk.  
*Mycena epipterygia* (Fr.) S. F. Gray var. *eipiptergia*  
*Mycena epipterygia* var. *lignicola* Smith  
*Mycena excisa* (Lasch) Gillet  
*Mycena fagetorum* (Fr.) Gill.  
*Mycena fibula* (Fr.) Kuhner  
*Mycena filopes* (Fr.) Qué<sup>l</sup>.  
*Mycena flavoalba* (Fr.) Qué<sup>l</sup>.  
*Mycena fuliginaria* (Fr.) Kuhner (= *Collybia succosa*)  
*Mycena galericulata* (Fr.) S. F. Gray  
*Mycena galopus* (Fr.) Qué<sup>l</sup>.  
*Mycena gracilis* (Quel.) Kuhner  
*Mycena haematopus* (Fr.) Qué<sup>l</sup>. var. *haematopus*  
*Mycena haematopus* var. *marginata* Lange  
*Mycena hemispherica* Pk.  
*Mycena hiemalis* (Fr.) Qué<sup>l</sup>.  
*Mycena inclinata* (Fr.) Qué<sup>l</sup>.  
*Mycena iodiolens* Lundell  
*Mycena kauffmaniana* Smith  
*Mycena latifolia* (Pk.) Sacc.  
*Mycena leajana* Berk.  
*Mycena leptcephala* (Pk.) Gill.

*Mycena macrocystidiata* Singer  
*Mycena maculata* Sing.  
*Mycena marginella* (Fr.) Quél. var. *marginella*  
*Mycena marginella* var. *rugosodisca* (Pk.) Smith  
*Mycena metata* (Fr.) Quél.  
*Mycena niveipes* Murr.  
*Mycena ochraceicinerea* Murr.  
*Mycena odorifera* (Pk.) Sacc.  
*Mycena osmondicola* Lange  
*Mycena parabolica* (Fr.) Quél.  
*Mycena pelianthina* (Fr.) Quél.  
*Mycena peltata* (Fr.) Gillet  
*Mycena praelonga* Pk.  
*Mycena pseudoinclinata* Smith  
*Mycena pullata* (Berk. & Cke.) Sacc.  
*Mycena pura* (Fr.) Quél.  
*Mycena purpureofusca* (Pk.) Sacc.  
*Mycena radicatella* (Pk.) Sacc. var. *radicatella*  
*Mycena radicatella* var. *laevicystis* Smith  
 nom. prov.  
*Mycena rorida* (Fr.) Quél.  
*Mycena roseipallens* (Pk.) Sacc.  
*Mycena roseocandida* (Pk.) Sacc.  
*Mycena rubromarginata* (Fr.) Quel.  
*Mycena rubrotincta* Smith  
*Mucena rutilantiformis* Murr.  
*Mycena sanguineolenta* (Fr.) Quel.  
*Mycena scaripes* Murr.  
*Mycena setulosa* Smith  
*Mycena stannea* (Fr.) Quél.  
*Mycena subcaerulea* (Pk.) Sacc.  
*Mycena supina* (Fr.) Gill.  
*Mycena tennerrima* (Berk.) Quél.  
*Mycena tenuiceps* Sm.  
*Mycena vulgaris* (Fr.) Quél.

#### Naematoloma

*Naematoloma anomalum* Smith  
*Naematoloma capnoides* (Fr.) Karst.  
*Naematoloma dispersum* var. *flavifolium* Sm.  
*Naematoloma elongatum* (Fr.) Konrad  
*Naematoloma ericaceum* (Fr.) Sm.  
*Naematoloma fasciculare* (Fr.) Karst.  
*Naematoloma radicosum* (Lange) Kon. & Maubl.  
*Naematoloma sublateritium* (Fr.) Karst.  
*Naematoloma udum* (Fr.) Karst.

Nothopanus

Nothopanus porrigens (Fr.) Sing. (syn --  
Pleurotus albolanatus (Pk.) Kauff.)

Omphalina

Omphalina epichysium (Fr.) Qué1.  
Omphalina griseopallida (Desm.) Qué1.

Oudemansiella

Oudemansiella radicata (Fr.) Singer

Panaeolus

Panaeolus retirugis (Fr.) Qué1.

Panus

Panus conchatus (Fr.) Fr. (syn. -- Panus  
torulosus (Fr.) Fr.)  
Panus rudis Fr. (syn. -- Lentinus strigosus  
(Schw.) Fr.)  
Panus stypticus Fr.  
Panus suavissimus (Fr.) Sing. (syn. -- Lentinus  
haematopus Berk.; Panellus haematopus (Berk.)  
Murr.)  
Panus tigrinus (Fr.) Sing.

Paxillus

Paxillus atrotomentosus (Fr.) Fr.  
Paxillus curtisii Berk. apud Berk. & Curt.  
(syn. -- Paxillus corrugatus Atk.)  
Paxillus involutus (Fr.) Fr.  
Paxillus panuoides (Fr.) Fr.

Pholiota

Pholiota aberrans Sm. & Hes.  
Pholiota abieticola Sm. & Hes.  
Pholiota adiposa (Fr.) Kummer  
Pholiota aeruginosa Pk.  
Pholiota albocrenulata (Pk.) Sacc.  
Pholiota albo-olivascens Sm. & Hes.  
Pholiota astragalina (Fr.) Sing.  
Pholiota aurivella (Fr.) Kummer

Pholiota baptistii Sm. & Hes.  
Pholiota confragosa (Fr.) Karst.  
Pholiota flammans (Fr.) Kummer  
Pholiota flavescens Sm. & Hes.  
Pholiota graveolens (Pk.) Sm. & Hes.  
Pholiota gummosa (Lasch) Sing.  
Pholiota kauffmanii Smith  
Pholiota lenta (Fr.) Sing.  
Pholiota lubrica (Fr.) Sing.  
Pholiota malicicola (Kauff.) Sm. var. malicicola  
Pholiota marginella Pk.  
Pholiota multifolia (Pk.) Sm. & Hes.  
Pholiota mutabilis (Fr.) Kummer  
Pholiota ochrochlora (Fr.) Orton  
Pholiota paludosella (Atk.) Sm. & Hes.  
Pholiota polychroa (Berk.) Sm. & Brodie  
Pholiota rugosa Pk.  
Pholiota silvatica (Sm.) Sm. & Hes.  
Pholiota spumosa (Fr.) Sing.  
Pholiota squarrosoides (Pk.) Sacc.  
Pholiota tottenii (Murr.) Sm. & Hes.  
Pholiota veris Sm. & Hes.  
Pholiota vernalis (Pk.) Sm. & Hes.  
Pholiota virescentifolia Sm. & Hes.

#### Phylloporus

Phylloporus rhodoxanthus (Schw.) Bres.  
(syn. -- Paxillus rhodoxanthus Schw.)

#### Phyllotopsis

Phyllotopsis nidulans (Fr.) Sing. (syn. --  
Claudopus nidulans (Fr.) Karst.)

#### Pleuroflammula

Pleuroflammula flammea (Murr.) Sing.

#### Pleurotellus

Pleurotellus candidissimus (B. & C.) K. & M.



### Pleurotus

- Pleurotus levis (B. & C.) Sing. (syn. --  
Panus levis B. & C.)  
Pleurotus ostreatus (Fr.) Kummer  
Pleurotus sapidus Kalchbr.

### Pluteus

- Pluteus admirabilis Pk.  
Pluteus atriavellaneus Murr.  
Pluteus atromarginatus (Singer) Kuhner  
Pluteus cervinus (Fr.) Kummer  
Pluteus flavofuliginosus Atk.  
Pluteus leoninus (Fr.) Kummer  
Pluteus longistriatus (Pk.) Sacc.  
Pluteus lutescens (Fr.) Bres.  
Pluteus melleus Murr.  
Pluteus nanus (Fr.) Kuhner  
Pluteus salicinus (Fr.) Kummer  
Pluteus umbrosus (Fr.) Kummer

### Psathyrella

- Psathyrella agrariella (Atk.) Sm.  
Psathyrella anaglaea (Maire) Sm. & Hes.  
Psathyrella atomatoides (Pk.) Sm.  
Psathyrella camptopoda (Pk.) Sm.  
Psathyrella candolleana (Fr.) Maire  
Psathyrella confertissima (Atk.) Sm.  
Psathyrella conissans (Pk.) Sm.  
Psathyrella delineata (Pk.) Sm.  
Psathyrella foeniseicii (Fr.) Sm.  
Psathyrella hydrophila (Fr.) Maire  
Psathyrella hymenocephala (Pk.) Sm.  
Psathyrella incerta (Pk.) Sm.  
Psathyrella inflatocystis Sm.  
Psathyrella lacrymabunda var. aggregata  
(Pk.) Sm.  
Psathyrella larga (Kauff.) Sm.  
Psathyrella madeodisca (Pk.) Sm.  
Psathyrella obtusata (Fr.) Sm.  
Psathyrella orbitarum (Romagn.) Moser  
Psathyrella piceicola Sm. & Hes.  
Psathyrella rigidipes (Pk.) Sm.  
Psathyrella rugoradiata Hes. & Sm.  
Psathyrella squamosa (Karst.) Moser  
Psathyrella subvolvata Sm. & Hes.  
Psathyrella trepida (Fr.) Gill.

Resupinatus

Resupinatus applicatus (Fr.) S. F. Gray (syn. --  
R. atropellitus (P.) Murr.)

Rhodocybe

Rhodocybe nitellina (Fr.) Singer

Rozites

Rozites caperata (Fr.) Karsten

Russula

Russula admirabilis Beards. & Burl.  
Russula adusta (Fr.) Fr.  
Russula aeruginea Lindbl.  
Russula alachuana Murr.  
Russula albida Pk.  
Russula albidula Pk.  
Russula albonigra (Krombh.) Fr. (syn. --  
R. sordida Pk.; and R. subsordida Pk.)  
Russula alutacea (Schw.) Fr.  
Russula blackfordae Pk.  
Russula blanda Burl.  
Russula brevipes Pk.  
Russula burkei Burl.  
Russula chlorinosma Burl.  
Russula claraflava Grove  
Russula compacta Frost & Pk.  
Russula corallina Burl.  
Russula crustosa Pk.  
Russula cyanoxantha (Schw.) Fr. var. cyanoxantha  
Russula cyanoxantha var. variata (Bann.) Pk.  
Russula decolorans Fr.  
Russula delica Fr.  
Russula densifolia Secr.  
Russula earlei Pk.  
Russula eccentrica Pk.  
Russula emetica (Fr.) Fr.  
Russula emetica ssp. fragilis (Fr.) Sing.  
Russula expallens Gill.  
Russula flava Rom.  
Russula flavida Frost & Pk.  
Russula foetens Fr.  
Russula foetentula Pk.



*Russula fosteriana* Murr.  
*Russula fragrantissima* Romagn.  
*Russula granulata* (Pk.) Pk.  
*Russula heterophylla* Fr.  
*Russula integra* Fr.  
*Russula laurocersai* Melzer  
*Russula lepidiformis* Murr.  
*Russula leucomodesta* Singer  
*Russula lutea* (Fr.) S. F. Gray  
*Russula magna* Beards.  
*Russula mariae* Pk.  
*Russula modesta* Pk.  
*Russula nigricans* Fr.  
*Russula nigrodisca* Pk.  
*Russula ochroleuroides* Kauff.  
*Russula ochrophylla* Pk.  
*Russula pectinata* Fr.  
*Russula pectinatoides* Pk.  
*Russula polyphylla* Pk. (syn. -- *R. magnifica* Pk.)  
*Russula pratensis* Murr.  
*Russula pseudofortens* Murr.  
*Russula puellaris* Fr.  
*Russula pulchella* Borscz.  
*Russula pulverulenta* Pk.  
*Russula pungens* Beards.  
*Russula pusilla* Pk.  
*Russula pusilliformis* Murr.  
*Russula rubescens* Beards.  
*Russula sanguinea* Fr.  
*Russula sericeonitens* Kauff.  
*Russula simillima* Pk.  
*Russula squalida* Pk.  
*Russula subaltacea* Burl.  
*Russula subfortens* W. G. Smith  
*Russula subobscura* Murr.  
*Russula subvelutina* Pk.  
*Russula tennesseensis* Singer  
*Russula tenuiceps* Kauff.  
*Russula uncialis* Pk.  
*Russula vesca* Fr.  
*Russula veteriosa* Fr.  
*Russula vinacea* Burl.  
*Russula virescens* (Zanted.) Fr.

### Schizophyllum

Because of the consistency of the basidiocarp and the ontogeny of the gills, Donk and Singer propose that this genus belongs in the family Schizophyllaceae Roze. It is included here because it is commonly listed as an agaric. One species found in the Park.

*Schizophyllum commune* Fr.

### Stropharia

*Stropharia albonitens* (Fr.) Karsten

*Stropharia coronilla* (Fr.) Qué1.

*Stropharia hardii* Atk.

*Stropharia rugosa-annulata* Farlow

*Stropharia semiglobata* (Fr.) Qué1.

*Stropharia stercorearia* Fr.

### Tectella

*Tectella patellaria* (Fr.) Murr. (syn.-- *Panus opercularus* B. & C.)

### Tricholoma

*Tricholoma acre* Pk.

*Tricholoma alabamensis* Murr.

*Tricholoma album* Fr. 13

*Tricholoma aurantium* (Fr.) Ricken

*Tricholoma caligatum* Rickens

*Tricholoma chrysenteroides* Pk.

*Tricholoma columbetta* (Fr.) Kummer

*Tricholoma daviseae* Pk.

*Tricholoma flavobrunneum* (Fr.) Kummer

*Tricholoma flavovirens* (Fr.) Lundell (syn.--

*T. equestre* (Fr.) Lundell)

*Tricholoma fumosifolium* Hes.

*Tricholoma imbricatum* (Fr.) Kummer

*Tricholoma intermedium* Pk.

*Tricholoma leucocephaloides* Pk.

*Tricholoma myomyces* Lange

*Tricholoma odorum* Pk.

*Tricholoma palustre* Smith

*Tricholoma pessundatum* Fr.

*Tricholoma piperatum* Pk.

*Tricholoma ponderosum* (Pk.) Sing.

Tricholoma portentosum (Fr.) Qué1.  
Tricholoma resplendens (Fr.) Qué1.  
Tricholoma saponaceum (Fr.) Kummer  
Tricholoma sejunctum (Fr.) Qué1.  
Tricholoma subluteum Pk.  
Tricholoma subsejunctum Pk.  
Tricholoma sulphureum (Fr.) Kummer  
Tricholoma terreum (Fr.) Kummer  
Tricholoma tumidum (Fr.) Gill.  
Tricholoma vaccinum (Fr.) Kummer  
Tricholoma virgatum (Fr.) Kummer  
Tricholoma viriditinctum (Pk.) Sacc.

#### Tricholomopsis

Tricholomopsis decora (Fr.) Sing.  
Tricholomopsis hirtellus (Pk.) Sing.  
Tricholomopsis platyphylla (Fr.) Sing.  
Tricholomopsis rutilans (Fr.) Sing.

#### Trogia

Trogia alni Pk.  
Trogia crispa Fr.

#### Xeromphalina

Xeromphalina campanella (Fr.) Kuhner & Maire  
Xeromphalina caulicinalis (Fr.) Kuhner & Maire  
Xeromphalina picta (Fr.) A. H. Smith  
Xeromphalina tenuipes (Schw.) A. H. Smith

16. GASTROMYCETES

Astraeus

Astraeus hygrometricus (Pers.) Morgan

Bovista

Bovista minor Morgan

Bovista pila B. & C.

Bovistella

Bovistella radicata (Mont.) Pat.

Calostoma

Calostoma cinnabarina Desv.

Calostoma lutescens (Schw.) Burnap

Calostoma ravenelii (Berk.) Masee

Calvatia

Calvatia cyathiformis (Bosc.) Morg.

Calvatia fragilis (Vitt.) Morg.

Crucibulum

Crucibulum vulgare Tul.

Cyathus

Cyathus striatus Willd.

Geaster

Geaster fimbriatus Fr.

Geaster saccatus Fr.

Geaster triplex Jung.

Geaster velutinus Morg.

### Lycoperdon

Lycoperdon atropurpureum Vitt.  
Lycoperdon curtisii Berk.  
Lycoperdon echinatum Pers.  
Lycoperdon fuscum Bon.  
Lycoperdon gemmatum Batsch (perlatum Pers.)  
Lycoperdon marginatum Vitt.  
Lycoperdon peckii Morgan  
Lycoperdon pulcherimum B. & C.  
Lycoperdon pusillum Batsch  
Lycoperdon pyriforme (Schaeff.) Fr.  
Lycoperdon subincarnatum Pk.

### Mutinus

Mutinus curtisii (Berk.) Fisch.  
Mutinus ravenelii (B. & C.) E. Fischer

### Phallus

Phallus ravenelii B. & C.

### Pisolithus

Pisolithus tinctorius (Pers.) Coker & Couch

### Rhizopogon

Rhizopogon atlanticus Coker & Dodge  
Rhizopogon hesleri Dodge  
Rhizopogon nigrescens Coker & Couch  
Rhizopogon roseolus (Corda) Hollos  
Rhizopogon rubescens Tul.

### Scleroderma

Scleroderma aurantium (Vaill.) Pers.  
Scleroderma cepa Vaill. ex Fr.  
Scleroderma geaster Fr.  
Scleroderma lycoperdoides Schw.  
Scleroderma vulgare (Horn.) Fr.

### Sphaerobolus

Sphaerobolus stellatus Tode



SELECTED LITERATURE  
ON THE FUNGI OF  
THE GREAT SMOKY MOUNTAINS NATIONAL PARK





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