

The Taxonomicon

Systema Naturae 2000

Classification of
Order *Agaricales*
(fungi)
down to Family

Compiled by Drs. S.J. Brands
Universal Taxonomic Services

23 Nov 2020

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- Order Agaricales -

[Kingdom *Fungi*: Phylum *Basidiomycota*: Class *Agaricomycetes* - fungi]

Order *Agaricales** Underw. (1899)

- 001 Genus *Acanthocorticium* Baltazar, Gorjón & Rajchenb. (2015), incertae sedis
- 002 Genus *Acinophora* Raf. (1808), nom. dub., incertae sedis
- 003 Genus *Aleurocystis* Lloyd ex G. Cunn. (1956), incertae sedis
- 004 Genus *Amparoina* Singer (1958), incertae sedis
- 005 Genus *Amylolepiota* Harmaja (2002), incertae sedis
- 006 Genus *Aphyllotus* Singer (1973), incertae sedis
- 007 Genus *Arthromyces* T.J. Baroni & Lodge (2007), incertae sedis
- 008 Genus *Arthrosporella* Singer (1970), incertae sedis
- 009 Genus *Asproinocybe* R. Heim (1970), incertae sedis
- 010 Genus *Aspropaxillus* Kühner & Maire (1934), incertae sedis
- 011 Genus *Atractosporocybe* P. Alvarado, G. Moreno & Vizzini (2015), incertae sedis
- 012 Genus *Austroclitocybe* Raitelh. (1972), incertae sedis
- 013 Genus *Austroomphaliaster* Garrido (1988), incertae sedis
- 014 Genus *Baeospora* Singer (1938), incertae sedis
- 015 Genus *Callistodermatium* Singer (1981), incertae sedis
- 016 Genus *Calyptrella* Qué. (1886), incertae sedis
- 017 Genus *Caulorhiza* Lennox (1979), incertae sedis
- 018 Genus *Cellypha* Donk (1959), incertae sedis
- 019 Genus *Cephaloscypha* Agerer (1975), incertae sedis
- 020 Genus *Cercopemyces* T.J. Baroni, Kropp & V.S. Evenson (2014), incertae sedis
- 021 Genus *Clavomphalia* E. Horak (1987), incertae sedis
- 022 Genus *Clitocybe* (Fr.) Staude (1857), incertae sedis
- 023 Genus *Clitocybula* (Singer) Singer ex Métrod (1952), incertae sedis
- 024 Genus *Collybia* (Fr.) Staude (1857), nom. cons., incertae sedis
- 025 Genus *Conchomyces* Overeem (1927), incertae sedis
- 026 Genus *Crucibulum* Tul. & C. Tul. (1844), incertae sedis
- 027 Genus *Cyathus* Haller (1768), nom. sanct., incertae sedis - bird's nest fungi
- 028 Genus *Cymatella* Pat. (1899), incertae sedis
- 029 Genus *Cymatellopsis* Parmasto (1985), incertae sedis
- 030 Genus *Cynema* Maas Geest. & E. Horak (1995), incertae sedis
- 031 Genus *Cyphellocalathus* Agerer (1981), incertae sedis
- 032 Genus *Cystoderma* Fayod (1889), incertae sedis
- 033 Genus *Cystodermella* Harmaja (2002), incertae sedis
- 034 Genus *Deigloria* Agerer (1980), incertae sedis
- 035 Genus *Delicatula* Fayod (1889), incertae sedis
- 036 Genus *Dendrocollybia* R.H. Petersen & Redhead (2001), incertae sedis
- 037 Genus *Dendrothele* Höhn. & Litsch. (1907), incertae sedis
- 038 Genus *Fayodia* Kühner (1930), incertae sedis
- 039 Genus *Fissolimbus* E. Horak (1979), incertae sedis
- 040 Genus *Fistulina* Bull. (1791), nom. sanct., incertae sedis - beefsteak fungus
- 041 Genus *Floccularia* Pouzar (1957), incertae sedis
- 042 Genus *Gamundia* Raitelh. (1979), incertae sedis
- 043 Genus *Gerronema* Singer (1951), incertae sedis
- 044 Genus *Giacomia* Vizzini & Contu (2012), incertae sedis
- 045 Genus *Glabrocypbella* W.B. Cooke (1961), incertae sedis
- 046 Genus *Gloioxanthomyces* Lodge, Vizzini, Ercole & Boertm. (2013), incertae sedis
- 047 Genus *Gramincola* Velen. (1947), nom. dub., incertae sedis
- 048 Genus *Henningsomyces* Kuntze (1898), incertae sedis
- 049 Genus *Hispidocalyptrella* E. Horak & Desjardin (1994), incertae sedis
- 050 Genus *Hygrophorocybe* Vizzini & Contu (2014), incertae sedis
- 051 Genus *Infundibulicybe* Harmaja (2003), incertae sedis
- 052 Genus *Lactocollybia* Singer (1939), incertae sedis
- 053 Genus *Lecanocybe* Desjardin & E. Horak (1999), incertae sedis
- 054 Genus *Lepista* (Fr.) W.G. Sm. (1870), incertae sedis
- 055 Genus *Lepistella* T.J. Baroni & Ovrebo (2007), incertae sedis
- 056 Genus *Leucocalocybe* X.D. Yu & Y.J. Yao (2011), incertae sedis
- 057 Genus *Leucocortinarius* (J.E. Lange) Singer (1945), incertae sedis
- 058 Genus *Leucocybe* Vizzini, P. Alvarado, G. Moreno & Consiglio (2015), incertae sedis
- 059 Genus *Leucoinocybe* Singer ex Antonín, Borovicka, Holec & Kolarík (2019), incertae sedis
- 060 Genus *Leucopholiota* (Romagn.) O.K. Mill., T.J. Volk & Bessette (1996), incertae sedis
- 061 Genus *Lignomphalia* Antonín, Borovicka, Holec & Kolarík (2019), incertae sedis
- 062 Genus *Lulesia* Singer (1970), incertae sedis
- 063 Genus *Lycogalopsis* E. Fisch. (1886), incertae sedis
- 064 Genus *Megacollybia* Kotl. & Pouzar (1972), incertae sedis
- 065 Genus *Melanoleuca* Pat. (1897), nom. cons., incertae sedis
- 066 Genus *Melanomphalia* M.P. Christ. (1936), incertae sedis
- 067 Genus *Meottomyces* Vizzini (2008), incertae sedis
- 068 Genus *Mesophelliopsis* Bat. & A.F. Vital (1957), incertae sedis
- 069 Genus *Metraria* (Cooke) Cooke & Masee (1891), incertae sedis
- 070 Genus *Metulocypbella* Agerer (1983), incertae sedis

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- 071 Genus *Mucronella* Fr. (1874), incertae sedis
072 Genus *Mycenella* (J.E. Lange) Singer (1938), incertae sedis
073 Genus *Mycoalvimia* Singer (1981), incertae sedis
074 Genus *Mycocalia* J.T. Palmer (1961), incertae sedis
075 Genus *Mycospongia* Velen. (1939), nom. dub., incertae sedis
076 Genus *Myxomphalia* Hora (1960), incertae sedis
077 Genus *Neoclitocybe* Singer (1962), incertae sedis
078 Genus *Neopaxillus* Singer (1948), incertae sedis
079 Genus *Nidula* V.S. White (1902), incertae sedis
080 Genus *Nidularia* Fr. (1817), nom. cons., incertae sedis
081 Genus *Nochascypha* Agerer (1983), incertae sedis
082 Genus *Notholepista* Vizzini & Contu (2012), incertae sedis
083 Genus *Omphaliaster* Lamoure (1971), incertae sedis
084 Genus *Omphalina* Quél. (1886), nom. cons., incertae sedis
085 Genus *Palaeocephala* Singer (1962), incertae sedis
086 Genus *Panaeolina* Maire (1933), incertae sedis
087 Genus *Panaeolus* (Fr.) Quél. (1872), nom. cons., incertae sedis
088 Genus *Paralepistopsis* Vizzini (2012), incertae sedis
089 Genus *Peglerochaete* Sarwal & Locq. (1983), incertae sedis
090 Genus *Pegleromyces* Singer (1981), incertae sedis
091 Genus *Phaeodepas* D.A. Reid (1961), incertae sedis
092 Genus *Phaeolepiota* Maire ex Konrad & Maubl. (1928), incertae sedis
093 Genus *Phaeomyceia* R. Heim ex Singer & Digilio (1952), incertae sedis
094 Genus *Phaeopholiota* Locq. & Sarwal (1983), incertae sedis
095 Genus *Phlebonema* R. Heim (1929), incertae sedis
096 Genus *Phlebophyllum* R. Heim (1969), incertae sedis
097 Genus *Phyllotopsis* E.-J. Gilbert & Donk ex Singer (1936), incertae sedis
098 Genus *Physocystidium* Singer (1962), incertae sedis
099 Genus *Pleurella* E. Horak (1971), incertae sedis
100 Genus *Pleurocybella* Singer (1947), incertae sedis
101 Genus *Plicatura* Peck (1872), incertae sedis
102 Genus *Polygaster* Fr. (1823), nom. sanct., nom. dub., incertae sedis
103 Genus *Pseudoclitopilus* Vizzini & Contu (2012), incertae sedis
104 Genus *Pseudofistulina* O. Fidalgo & M. Fidalgo (1963), incertae sedis
105 Genus *Pseudohiatula* (Singer) Singer (1938), incertae sedis
106 Genus *Pseudohygrophorus* Velen. (1939), nom. dub., incertae sedis
107 Genus *Pseudolasiobolus* Agerer (1983), incertae sedis
108 Genus *Pseudoomphalina* (Singer) Singer (1956), incertae sedis
109 Genus *Pseudotyphula* Corner (1953), incertae sedis
110 Genus *Radulomycetopsis* Dhingra, Priyanka & J. Kaur (2012), incertae sedis
111 Genus *Rectipilus* Agerer (1973), incertae sedis
112 Genus *Rhizocybe* Vizzini, G. Moreno, P. Alvarado & Consiglio (2015), incertae sedis
113 Genus *Rimbachia* Pat. (1891), incertae sedis
114 Genus *Ripartitella* Singer (1947), incertae sedis
115 Genus *Ripartites* P. Karst. (1879), incertae sedis
116 Genus *Secotium* Kunze (1840), incertae sedis
117 Genus *Singerocybe* Harmaja (1988), incertae sedis
118 Genus *Skepperiella* Pilát (1927), incertae sedis
119 Genus *Squamanita* Imbach (1946), incertae sedis
120 Genus *Stanglomyces* Raithehl. (1986), incertae sedis
121 Genus *Stemastrum* Raf. (1808), nom. dub., incertae sedis
122 Genus *Stromatocyphella* W.B. Cooke (1961), incertae sedis
123 Genus *Tephroderma* Contu & Musumeci (2014), incertae sedis
124 Genus *Trichocybe* Vizzini (2010), incertae sedis
125 Genus *Tricholomopsis* Singer (1939), incertae sedis
126 Genus *Tricholosporum* Guzmán (1975), incertae sedis
127 Genus *Trogia* Fr. (1836), incertae sedis
128 Genus *Vanromburghia* Holterm. (1898), incertae sedis
129 Genus *Verrucospora* E. Horak (1967), incertae sedis
130 Anamorph genus *Coccobotrys* Boud. & Pat. (1900), incertae sedis
131 Anamorph genus *Disporotrichum* Stalpers (1984), incertae sedis
132 Anamorph genus *Fibulochlamys* A.I. Romero & Cabral (1989), incertae sedis
133 Anamorph genus *Tricladiomyces* Nawawi (1985), incertae sedis
134 Anamorph genus *Ugola* Adans. (1763), incertae sedis
135? Family *Hydnangiaceae* Gäum. & C.W. Dodge (1928)
136? Family *Broomeiaceae* Zeller (1948)
137? Family *Crassisporiaceae* Vizzini, Consiglio & M. Marchetti (2019)
138? Family *Cystostereaceae* Jülich (1982)
139? Family *Hemigasteraceae* Gäum. & C.W. Dodge (1928)
140? Family *Lycoperdaceae* Chevall. (1826)
141.1? Family *Schizophyllaceae* Quél. (1888)
141.2? Family *Porotheleaceae* Murrill (1916)
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- 142 Family *Pseudoclitocybaceae* Vizzini, Consiglio, P.-A. Moreau & P. Alvarado (2018)
 - 143.1.1.1 Family *Typhulaceae* Jülich (1982)
 - 143.1.1.2 Family *Stephanosporaceae* Oberw. & E. Horak (1979)
 - 143.1.2 Family *Hygrophoraceae* Lotsy (1907)
 - 143.2 Family *Clavariaceae* Chevall. (1826), sedis mutabilis
 - 143.3.1.1.1 Family *Inocybaceae* Jülich (1982)
 - 143.3.1.1.2 Family *Pterulaceae* Corner (1970)
 - 143.3.1.2.1.1 Family *Amanitaceae* R. Heim ex E.-J. Gilbert (1940)
 - 143.3.1.2.1.2? Family *Pluteaceae* Kotl. & Pouzar (1972)
 - 143.3.1.2.2 Family *Entolomataceae* Kotl. & Pouzar (1972)
 - 143.3.2.1.1.1 Family *Tricholomataceae* R. Heim ex Pouzar (1983), nom. cons.
 - 143.3.2.1.1.2? Family *Biannulariaceae* Jülich (1982)
 - 143.3.2.1.1.3? Family *Pleurotaceae* Kühner (1980)
 - 143.3.2.1.2 Family *Lyophyllaceae* Jülich (1982)
 - 143.3.2.2.1.1 Family *Mycenaceae* Overeem (1926)
 - 143.3.2.2.1.2.1 Family *Niaceae* Jülich (1982)
 - 143.3.2.2.1.2.2.1 Family *Physalacriaceae* Corner (1970)
 - 143.3.2.2.1.2.2.2.1.1 Family *Marasmiaceae* Roze ex Kühner (1980)
 - 143.3.2.2.1.2.2.2.1.2.1? Family *Cyphellaceae* Lotsy (1907)
 - 143.3.2.2.1.2.2.2.1.2.2? Family *Limnoperdaceae* G.A. Escobar (1976)
 - 143.3.2.2.1.2.2.2.1.3? Family *Macrocystidiaceae* Kühner (1979)
 - 143.3.2.2.1.2.2.2.2 Family *Omphalotaceae* Bresinsky (1985)
 - 143.3.2.2.2.1.1.1.1 Family *Strophariaceae* Singer & A.H. Sm. (1946)
 - 143.3.2.2.2.1.1.1.2? Family *Mythicomycetaceae* Vizzini, Consiglio & M. Marchetti (2019)
 - 143.3.2.2.2.1.1.2 Family *Hymenogastraceae* De Toni (1888)
 - 143.3.2.2.2.1.2.1.1 Family *Bolbitiaceae* Singer (1948)
 - 143.3.2.2.2.1.2.1.2.1 Family *Cortinariaceae* Singer (1951), nom. cons.
 - 143.3.2.2.2.1.2.1.2.2? Family *Chromocyphellaceae* Knudsen (2010)
 - 143.3.2.2.2.1.2.1.2.3? Family *Crepidotaceae* Singer (1951)
 - 143.3.2.2.2.1.2.2 Family *Tubariaceae* Vizzini (2008)
 - 143.3.2.2.2.2.1 Family *Psathyrellaceae* Vilgalys, Moncalvo & Redhead (2001)
 - 143.3.2.2.2.2.2 Family *Agaricaceae** Chevall. (1826)

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Sources

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Wijayawardene, N.N., Hyde, K.D., Tibpromma, S., Wanasinghe, D.N., Thambugala, K.M., Tian, Q., Wang, Y. & Fu, L. 2017. Towards incorporating asexual fungi in a natural classification: checklist and notes 2012-2016. *Mycosphere* **8** (9), 18 Oct 2017: 1457-1555.

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