

*The Taxonomicon*

*Systema Naturae 2000*

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

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

23 Nov 2020

# Systema Naturae 2000

## - 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

# Systema Naturae 2000

## - Order Agaricales -

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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* Quéf. (1886), nom. cons., incertae sedis  
085 Genus *Palaeocephala* Singer (1962), incertae sedis  
086 Genus *Panaeolina* Maire (1933), incertae sedis  
087 Genus *Panaeolus* (Fr.) Quéf. (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)  
    1 Genus *Hydnangium*\* Wallr. (1839)  
    2 Genus *Laccaria* Berk. & Broome (1883)  
    3 Genus *Maccagnia* Mattir. (1922)  
    4 Genus *Podohydangium* G.W. Beaton, Pegler & T.W.K. Young (1984)  
136? Family *Broomeiaceae* Zeller (1948)  
    1 Genus *Broomeia*\* Berk. (1844)  
137? Family *Crassisporiaceae* Vizzini, Consiglio & M. Marchetti (2019)
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## - Order Agaricales -

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- 1 Genus *Crassisporium*\* Matheny, P.-A. Moreau & Vizzini (2014)
  - 2 Genus *Romagnesiella* Contu, Matheny, P.-A. Moreau, Vizzini & A. de Haan (2014)
  - 138? Family *Cystostereaceae* Jülich (1982)
    - 1 Genus *Cericium* Hjortstam (1995)
    - 2 Genus *Crustomyces* Jülich (1978)
    - 3 Genus *Cystidiodontia* Hjortstam (1983)
    - 4 Genus *Cystostereum*\* Pouzar (1959)
    - 5 Genus *Parvobasidium* Jülich (1975)
    - 6 Genus *Parvodontia* Hjortstam & Ryvarde (2004)
    - 7 Genus *Rigidotubus* J. Song, Y.C. Dai & B.K. Cui (2018)
  - 139? Family *Hemigasteraceae* Gäum. & C.W. Dodge (1928)
    - 1 Genus *Hemigaster*\* Juel (1895)
  - 140? Family *Lycoperdaceae* Chevall. (1826)
    - 1 Genus *Apioperdon* (Kreisel & D. Krüger) Vizzini (2017)
    - 2 Genus *Bovista* Pers. (1794)
    - 3 Genus *Bryoperdon* Vizzini (2017)
    - 4 Genus *Calbovista* Morse ex M.T. Seidl (1995)
    - 5 Genus *Calvatia* Fr. (1849), nom. cons.
    - 6 Genus *Gastropila* Homrich & J.E. Wright (1973)
    - 7 Genus *Lycoperdon*\* Pers. (1794), nom. sanct. - puffball
    - 8 Genus *Morganella* Zeller (1948)
  - 141.1? Family *Schizophyllaceae* Quéf. (1888)
    - 1 Genus *Auriculariopsis* Maire (1902)
    - 2 Genus *Porodisculus* Murrill (1907)
    - 3 Genus *Schizophyllum*\* Fr. (1815), nom. sanct.
  - 141.2? Family *Porotheleaceae* Murrill (1916)
    - 1 Genus *Phloeomana* Redhead (2013)
    - 2 Genus *Porotheleum*\* Fr. (1818), nom. sanct.
  - 142 Family *Pseudoclitocybaceae* Vizzini, Consiglio, P.-A. Moreau & P. Alvarado (2018)
    - 1 Genus *Bonomyces* Vizzini (2014)
    - 2 Genus *Cleistocybe* Ammirati, A.D. Parker & Matheny (2007)
    - 3 Genus *Clitopaxillus* G. Moreno, Vizzini, Consiglio & P. Alvarado (2018)
    - 4 Genus *Harmajaea* Dima, P. Alvarado & Kekki (2018)
    - 5 Genus *Musumecia* Vizzini & Contu (2011)
    - 6 Genus *Pogonoloma* (Singer) Sánchez-García (2014)
    - 7 Genus *Pseudoclitocybe*\* (Singer) Singer (1956)
  - 143.1.1.1 Family *Typhulaceae* Jülich (1982)
    - 1 Genus *Lutypha* Khurana, K.S. Thind & Berthier (1977)
    - 2 Genus *Macrotlyphula* R.H. Petersen (1972)
    - 3 Genus *Typhula*\* (Pers.) Fr. (1818), nom. sanct.
    - 4 Anamorph genus *Tygervalleyomyces* Crous (2017)
  - 143.1.1.2 Family *Stephanosporaceae* Oberw. & E. Horak (1979)
    - 1 Genus *Athelidium* Oberw. (1965)
    - 2 Genus *Cristinia* Parmasto (1968)
    - 3 Genus *Lindtneria* Pilát (1938)
    - 4 Genus *Mayamontana* Castellano, Trappe & Lodge (2007)
    - 5 Genus *Stephanospora*\* Pat. (1914)
  - 143.1.2 Family *Hygrophoraceae* Lotsy (1907)
    - 01 Genus *Acantholichen* P.M. Jørg. (1998)
    - 02 Genus *Aeruginospora* Höhn. (1908)
    - 03 Genus *Ampulloclitocybe* Redhead, Lutzoni, Moncalvo & Vilgalys (2002)
    - 04 Genus *Aphroditeola* Redhead & Manfr. Binder (2013)
    - 05 Genus *Arrhenia* Fr. (1849)
    - 06 Genus *Cantharellula* Singer (1936)
    - 07 Genus *Cantharocybe* H.E. Bigelow & A.H. Sm. (1973)
    - 08 Genus *Chromosera* Redhead, Ammirati & Norvell (1995)
    - 09 Genus *Chrysomphalina* Cléménçon (1982)
    - 10 Genus *Cora* Fr. (1825)
    - 11 Genus *Corella* Vain. (1890)
    - 12 Genus *Cuphophyllus* (Donk) Bon (1985)
    - 13 Genus *Cyphellostereum* D.A. Reid (1965)
    - 14 Genus *Dictyonema* C. Agardh ex Kunth (1822)
    - 15 Genus *Eonema* Redhead, Lücking & Lawrey (2009)
    - 16 Genus *Gliophorus* Herink (1958)
    - 17 Genus *Haasiella* Kotl. & Pouzar (1966)
    - 18 Genus *Humidicutis* (Singer) Singer (1959)
    - 19 Genus *Hygroaster* Singer (1955)
    - 20 Genus *Hygrocybe* (Fr.) P. Kumm. (1871)
    - 21 Genus *Hygrophorus*\* Fr. (1836)
    - 22 Genus *Lichenomphalia* Redhead, Lutzoni, Moncalvo & Vilgalys (2002)
    - 23 Genus *Neohygrocybe* Herink (1958)
    - 24 Genus *Porpolomopsis* Bresinsky (2008)
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## - Order Agaricales -

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- 25 Genus *Pseudoarmillariella* (Singer) Singer (1956)
  - 26 Genus *Semiomphalina* Redhead (1984)
  - 27 Genus *Sinohygrocybe* C.Q. Wang, Ming Zhang & T.H. Li (2018)
  - 143.2 Family *Clavariaceae* Chevall. (1826), sedis mutabilis
    - 01 Genus *Camarophylloopsis* Herink (1958)
    - 02 Genus *Clavaria*\* Vaill. ex L. (1753), nom. sanct., nom. cons.
    - 03 Genus *Clavicornia* Doty (1947)
    - 04 Genus *Clavulinopsis* Overeem (1923)
    - 05 Genus *Hirticlavula* J.H. Petersen & Læssøe (2014)
    - 06 Genus *Hodophilus* R. Heim (1958)
    - 07 Genus *Hyphodontiella* Å. Strid (1975)
    - 08 Genus *Lamelloclavaria* Birkebak & Adamčík (2016)
    - 09 Genus *Ramariopsis* (Donk) Corner (1950)
    - 10 Genus *Setigeroclavula* R.H. Petersen (1988)
  - 143.3.1.1.1 Family *Inocybaceae* Jülich (1982)
    - 1 Genus *Auritella* Matheny & Bougher (2006)
    - 2 Genus *Inocybe*\* (Fr.) Fr. (1863)
    - 3 Genus *Tubariomyces* Esteve-Rav. & Matheny (2010)
  - 143.3.1.1.2 Family *Pterulaceae* Corner (1970)
    - 01 Genus *Actiniceps* Berk. & Broome (1876)
    - 02 Genus *Allantula* Corner (1952)
    - 03 Genus *Aphanobasidium* Jülich (1979)
    - 04 Genus *Chaetothyphula* Corner (1950)
    - 05 Genus *Coronicium* J. Erikss. & Ryvarden (1975)
    - 06 Genus *Deflexula* Corner (1950)
    - 07 Genus *Lepidomyces* Jülich (1979)
    - 08 Genus *Merulicium* J. Erikss. & Ryvarden (1976)
    - 09 Genus *Parapterulicium* Corner (1952)
    - 10 Genus *Pterula*\* Fr. (1825), nom. sanct.
    - 11 Genus *Pterulicium* Corner (1950)
    - 12 Genus *Radulomyces* M.P. Christ. (1960)
    - 13 Genus *Radulotubus* Y.C. Dai, S.H. He & C.L. Zhao (2016)
  - 143.3.1.2.1.1 Family *Amanitaceae* R. Heim ex E.-J. Gilbert (1940)
    - 1 Genus *Amanita*\* Pers. (1797), nom. cons.
    - 2 Genus *Catarama* Franco-Mol. (1991)
    - 3 Genus *Limacella* Earle (1909)
    - 4 Genus *Limacellopsis* Zhu L. Yang, Q. Cai & Y.Y. Cui (2018)
    - 5 Genus *Zhuliangomyces* Redhead (2019)
  - 143.3.1.2.1.2? Family *Pluteaceae* Kotl. & Pouzar (1972)
    - 1 Genus *Pluteus*\* Fr. (1836)
    - 2 Genus *Volvariella* Speg. (1898), nom. cons.
    - 3 Genus *Volvopluteus* Vizzini, Contu & Justo (2011)
  - 143.3.1.2.2 Family *Entolomataceae* Kotl. & Pouzar (1972)
    - 1 Genus *Clitocella* Kluting, T.J. Baroni & Bergemann (2014)
    - 2 Genus *Clitopilopsis* Maire (1937)
    - 3 Genus *Clitopilus* (Fr. ex Rabenh.) P. Kumm. (1871)
    - 4 Genus *Entocybe* T.J. Baroni, V. Hofst. & Largent (2011)
    - 5 Genus *Entoloma*\* (Fr. ex Rabenh.) P. Kumm. (1871)
    - 6 Genus *Rhodocybe* Maire (1926)
    - 7 Genus *Rhodophana* Kühner (1971)
  - 143.3.2.1.1.1 Family *Tricholomataceae* R. Heim ex Pouzar (1983), nom. cons.
    - 01 Genus *Albomagister* Sánchez-García, Birkebak & Matheny (2014)
    - 02 Genus *Corneriella* Sánchez-García (2014)
    - 03 Genus *Dennisiomyces* Singer (1955)
    - 04 Genus *Dermoloma* J.E. Lange ex Herink (1958)
    - 05 Genus *Leucopaxillus* Boursier (1925)
    - 06 Genus *Porpoloma* Singer (1952)
    - 07 Genus *Pseudobaeospora* Singer (1942)
    - 08 Genus *Pseudoporpoloma* Vizzini & Consiglio (2016)
    - 09 Genus *Pseudotricholoma* (Singer) Sánchez-García & Matheny (2014)
    - 10 Genus *Tricholoma*\* (Fr.) Staude (1857), nom. cons.
  - 143.3.2.1.1.2? Family *Biannulariaceae* Jülich (1982)
    - 1 Genus *Anupama* K.N.A. Raj, K.P.D. Latha & Manim. (2019)
    - 2 Genus *Callistosporium* Singer (1944)
    - 3 Genus *Catathelasma*\* Lovejoy (1910)
    - 4 Genus *Guyanarika* Sánchez-García, T.W. Henkel & Aime (2016)
    - 5 Genus *Macrocybe* Pegler & Lodge (1998)
    - 6 Genus *Pleurocollybia* Singer (1947)
    - 7 Genus *Pseudolaccaria* Vizzini, Contu & Z.W. Ge (2015)
  - 143.3.2.1.1.3? Family *Pleurotaceae* Kühner (1980)
    - 1 Genus *Agaricochaete* Eichelb. (1906)
    - 2 Genus *Hohenbuehelia* Schulzer (1866)
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## - Order Agaricales -

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- 3 Genus *Lignomyces* R.H. Petersen & Zmitr. (2015)
  - 4 Genus *Pleurotus*\* (Fr.) P. Kumm. (1871), nom. cons.
  - 5 Genus *Resupinatus* Nees ex Gray (1821)
  - 143.3.2.1.2 Family *Lyophyllaceae* Jülich (1982)
    - 01 Genus *Asterophora* Ditmar (1809), nom. sanct.
    - 02 Genus *Blastosporella* T.J. Baroni & Franco-Mol. (2007)
    - 03 Genus *Calocybe* Kühner ex Donk (1962)
    - 04 Genus *Calocybella* Vizzini, Consiglio & Setti (2015)
    - 05 Genus *Clitolyophyllum* Sesli, Vizzini & Contu (2016)
    - 06 Genus *Gerhardtia* Bon (1994)
    - 07 Genus *Hypsizygus* Singer (1947)
    - 08 Genus *Lyophyllopsis* Sathe & J.T. Daniel (1981)
    - 09 Genus *Lyophyllum*\* P. Karst. (1881), nom. cons.
    - 10 Genus *Myochromella* V. Hofst., Cléménçon, Moncalvo & Redhead (2015)
    - 11 Genus *Ossicaulis* Redhead & Ginns (1985)
    - 12 Genus *Rugosomyces* Raithehl. (1979)
    - 13 Genus *Sagaranelia* V. Hofst., Cléménçon, Moncalvo & Redhead (2015)
    - 14 Genus *Sphagnurus* Redhead & V. Hofst. (2014)
    - 15 Genus *Tephrocycbe* Donk (1962)
    - 16 Genus *Tephrocycbella* Picillo, Vizzini & Contu (2015)
    - 17 Genus *Termitomyces* R. Heim (1942)
    - 18 Genus *Tricholomella* Zerova ex Kalamees (1992)
  - 143.3.2.2.1.1 Family *Mycenaceae* Overeem (1926)
    - 01 Genus *Atheniella* Redhead, Moncalvo, Vilgalys, Desjardin & B.A. Perry (2012)
    - 02 Genus *Cruentomyces* R.H. Petersen, Kovalenko & O.V. Morozova (2008)
    - 03 Genus *Decapitatus* Redhead & Seifert (2000)
    - 04 Genus *Favolaschia* (Pat.) Pat. (1892)
    - 05 Genus *Flabellimycena* Redhead (1984)
    - 06 Genus *Heimiomyces* Singer (1942)
    - 07 Genus *Hemimycena* Singer (1938)
    - 08 Genus *Hydropus* Kühner ex Singer (1948)
    - 09 Genus *Mycena*\* (Pers.) Roussel (1806)
    - 10 Genus *Mycopan* Redhead, Moncalvo & Vilgalys (2013)
    - 11 Genus *Panellus* P. Karst. (1879)
    - 12 Genus *Resinomyces* Redhead & Singer (1981)
    - 13 Genus *Roridomyces* Rexer (1994)
    - 14 Genus *Sarcomyxa* P. Karst. (1891)
    - 15 Genus *Tectella* Earle (1909)
    - 16 Genus *Xeromphalina* Kühner & Maire (1934), nom. cons., orth. cons.
  - 143.3.2.2.1.2.1 Family *Niaceae* Jülich (1982)
    - 1 Genus *Digitatispora* Doguet (1962)
    - 2 Genus *Flagelloscypha* Donk (1951)
    - 3 Genus *Halocyphina* Kohlm. & E. Kohlm. (1965)
    - 4 Genus *Lachnella* Fr. (1836)
    - 5 Genus *Maireina* W.B. Cooke (1961)
    - 6 Genus *Merismodes* Earle (1909)
    - 7 Genus *Nia*\* R.T. Moore & Meyers (1961)
    - 8 Genus *Woldmaria* W.B. Cooke (1961)
    - 9 Anamorph genus *Peyronelina* P.J. Fisher, J. Webster & D.F. Kane (1976)
  - 143.3.2.2.1.2.2.1 Family *Physalacriaceae* Corner (1970)
    - 01 Genus *Anastrophella* E. Horak & Desjardin (1994)
    - 02 Genus *Armillaria* (Fr.) Staude (1857)
    - 03 Genus *Cibaomyces* Zhu L. Yang, Y.J. Hao & J. Qin (2014)
    - 04 Genus *Cribbea* A.H. Sm. & D.A. Reid (1962)
    - 05 Genus *Cryptomarasmius* T.S. Jenkinson & Desjardin (2014)
    - 06 Genus *Cylindrobasidium* Jülich (1974)
    - 07 Genus *Cyptotrampa* Singer (1960)
    - 08 Genus *Dactylosporina* (Cléménçon) Dörfelt (1985)
    - 09 Genus *Desarmillaria* (Herink) R.A. Koch & Aime (2017)
    - 10 Genus *Epicnaphus* Singer (1960)
    - 11 Genus *Flammulina* P. Karst. (1891)
    - 12 Genus *Gloiocephala* Masee (1892)
    - 13 Genus *Guyanagaster* T.W. Henkel, M.E. Sm. & Aime (2010)
    - 14 Genus *Hymenopellis* R.H. Petersen (2010)
    - 15 Genus *Laccariopsis* Vizzini (2013)
    - 16 Genus *Manuripia* Singer (1960)
    - 17 Genus *Mucidula* Pat. (1887)
    - 18 Genus *Mycaureola* Maire & Chemin (1922)
    - 19 Genus *Naiadolina* Redhead, H. Labbé & Ginns (2013)
    - 20 Genus *Oudemansiella* Speg. (1881)
    - 21 Genus *Paraxerula* R.H. Petersen (2010)
    - 22 Genus *Physalacria*\* Peck (1882)
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- 23 Genus *Ponticulomyces* R.H. Petersen (2010)
  - 24 Genus *Protoxerula* R.H. Petersen (2010)
  - 25 Genus *Rhizomarasmius* R.H. Petersen (2000)
  - 26 Genus *Rhodotus* Maire (1926)
  - 27 Genus *Strobilurus* Singer (1962)
  - 28 Genus *Xerula* Maire (1933)
  - 29 Anamorph genus *Mycotribulus* Nag Raj & W.B. Kendr. (1970)
  - 143.3.2.2.1.2.2.2.1.1 Family *Marasmiaceae* Roze ex Kühner (1980)
    - 01 Genus *Amyloflagellula* Singer (1966)
    - 02 Genus *Brunneocorticium* Sheng H. Wu (2007)
    - 03 Genus *Campanella* Henn. (1895)
    - 04 Genus *Chaetocalathus* Singer (1943)
    - 05 Genus *Crinipellis* Pat. (1889)
    - 06 Genus *Hymenogloea* Pat. (1900)
    - 07 Genus *Marasmius*\* Fr. (1836), nom. cons.
    - 08 Genus *Neocampanella* Nakasone, Hibbett & Goranova (2009)
    - 09 Genus *Tetrapyrgos* E. Horak (1987)
    - 10 Anamorph genus *Moniliophthora* H.C. Evans, Stalpers, Samson & Benny (1978)
  - 143.3.2.2.1.2.2.2.1.2.1? Family *Cyphellaceae* Lotsy (1907)
    - 01 Genus *Asterocyphella* W.B. Cooke (1961)
    - 02 Genus *Campanophyllum* Cifuentes & R.H. Petersen (2003)
    - 03 Genus *Catilla* Pat. (1915)
    - 04 Genus *Cheimonophyllum* Singer (1955)
    - 05 Genus *Chondrostereum* Pouzar (1959)
    - 06 Genus *Cunninghammyces* Stalpers (1985)
    - 07 Genus *Cyphella*\* Fr. (1822), nom. sanct.
    - 08 Genus *Gloeocorticium* Hjortstam & Ryvarden (1986)
    - 09 Genus *Gloeostereum* S. Ito & S. Imai (1933)
    - 10 Genus *Granulobasidium* Jülich (1979)
    - 11 Genus *Hyphoradulum* Pouzar (1987)
    - 12 Genus *Incrustocalyptella* Agerer (1983)
    - 13 Genus *Phaeoporothelium* (W.B. Cooke) W.B. Cooke (1961)
    - 14 Genus *Seticyphella* Agerer (1983)
    - 15 Genus *Sphaerobasidioscypha* Agerer (1983)
    - 16 Genus *Thujacorticium* Ginns (1988)
  - 143.3.2.2.1.2.2.2.1.2.2? Family *Limnoperdaceae* G.A. Escobar (1976)
    - 1 Genus *Limnoperdon*\* G.A. Escobar (1976)
  - 143.3.2.2.1.2.2.2.1.3? Family *Macrocytidiaceae* Kühner (1979)
    - 1 Genus *Macrocytidia*\* Joss. (1934)
  - 143.3.2.2.1.2.2.2.2 Family *Omphalotaceae* Bresinsky (1985)
    - 01 Genus *Anthracophyllum* Ces. (1879)
    - 02 Genus *Caripia* Kuntze (1898)
    - 03 Genus *Connopus* R.H. Petersen (2010)
    - 04 Genus *Gymnopanella* Sand.-Leiva, J.V. McDonald & Thorn (2016)
    - 05 Genus *Gymnopus* (Pers.) Roussel (1806)
    - 06 Genus *Hymenoporus* Tkalcec, Mesi & Chun Y. Deng (2015)
    - 07 Genus *Lentinula* Earle (1909)
    - 08 Genus *Marasmiellus* Murrill (1915)
    - 09 Genus *Mycetinis* Earle (1909)
    - 10 Genus *Neonothopanus* R.H. Petersen & Krisai (1999)
    - 11 Genus *Omphalotus*\* Fayod (1889)
    - 12 Genus *Rhodocollybia* Singer (1939)
    - 13 Genus *Paragymnopus* J.S. Oliveira (2019)
    - 14 Genus *Pusillomyces* J.S. Oliveira (2019)
  - 143.3.2.2.2.1.1.1.1 Family *Strophariaceae* Singer & A.H. Sm. (1946)
    - 01 Genus *Agrocybe* Fayod (1889)
    - 02 Genus *Bogbodia* Redhead (2013)
    - 03 Genus *Brauniella* Rick ex Singer (1955)
    - 04 Genus *Deconica* (W.G. Sm.) P. Karst. (1879)
    - 05 Genus *Hypholoma* (Fr.) P. Kumm. (1871), nom. cons.
    - 06 Genus *Leratiomyces* Bresinsky & Manfr. Binder ex Bridge, Spooner, Beever & D.C. Park (2008)
    - 07 Genus *Melanotus* Pat. (1900)
    - 08 Genus *Pholiota* (Fr.) P. Kumm. (1871), nom. cons.
    - 09 Genus *Protostropharia* Redhead, Moncalvo & Vilgalys (2013)
    - 10 Genus *Pseudogymnopilus* Raithehl. (1974)
    - 11 Genus *Stropharia*\* (Fr.) Qué. (1872)
  - 143.3.2.2.2.1.1.1.2? Family *Mythicomycetaceae* Vizzini, Consiglio & M. Marchetti (2019)
    - 1 Genus *Mythicomycetes*\* Redhead & A.H. Sm. (1986)
    - 2 Genus *Stagnicola* Redhead & A.H. Sm. (1986)
  - 143.3.2.2.2.1.1.2 Family *Hymenogastraceae* De Toni (1888)
    - 01 Genus *Anamika* K.A. Thomas, Peintner, M.M. Moser & Manim. (2002)
    - 02 Genus *Flammula* (Fr.) P. Kumm. (1871), nom. cons.
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- 03 Genus *Galerina* Earle (1909)
  - 04 Genus *Gymnopilus* P. Karst. (1879)
  - 05 Genus *Hebeloma* (Fr.) P. Kumm. (1871), nom. cons.
  - 06 Genus *Hymenogaster*\* Vittad. (1831)
  - 07 Genus *Naucoria* (Fr.) P. Kumm. (1871)
  - 08 Genus *Phaeocollybia* R. Heim (1931), nom. cons.
  - 09 Genus *Psathyroma* Soop, J.A. Cooper & Dima (2016)
  - 10 Genus *Psilocybe* (Fr.) P. Kumm. (1871), nom. cons.
  - 11 Anamorph genus *Pseudohelicomyces* Garnica & E. Valenz. (2000)
  - 143.3.2.2.2.1.2.1.1 Family *Bolbitiaceae* Singer (1948)
    - 01 Genus *Agrogaster* D.A. Reid (1986)
    - 02 Genus *Bolbitius*\* Fr. (1838)
    - 03 Genus *Conocybe* Fayod (1889), nom. cons.
    - 04 Genus *Cyttarophyllopsis* R. Heim (1968)
    - 05 Genus *Descolea* Singer (1952)
    - 06 Genus *Galerella* Earle (1909)
    - 07 Genus *Galeropsis* Velen. (1930)
    - 08 Genus *Gymnoglossum* Masee (1891)
    - 09 Genus *Pholiotina* Fayod (1889)
    - 10 Genus *Ptychella* Roze & Boud. (1879)
    - 11 Genus *Rhodoarrhenia* Singer (1964)
    - 12 Genus *Tubariella* E. Horak & Hauskn. (2002)
    - 13 Genus *Tubariopsis* R. Heim (1931)
    - 14 Genus *Tympanella* E. Horak (1971)
    - 15 Genus *Wielandomyces* Raithelh. (1988)
  - 143.3.2.2.2.1.2.1.2.1 Family *Cortinariaceae* Singer (1951), nom. cons.
    - 1 Genus *Cortinarius*\* (Pers.) Gray (1821), nom. cons., orth. cons.
    - 2 Genus *Protoglossum* Masee (1891)
    - 3 Genus *Pyrrhoglossum* Singer (1944)
    - 4 Genus *Quadrispora* Bougher & Castellano (1993)
    - 5 Genus *Stephanopus* M.M. Moser & E. Horak (1975)
  - 143.3.2.2.2.1.2.1.2.2? Family *Chromocyphellaceae* Knudsen (2010)
    - 1 Genus *Chromocyphella*\* De Toni & Levi (1888)
    - 2 Genus *Phaeosolenia* Speg. (1902)
  - 143.3.2.2.2.1.2.1.2.3? Family *Crepidotaceae* Singer (1951)
    - 1 Genus *Crepidotus*\* (Fr.) Staude (1857)
    - 2 Genus *Episphaeria* Donk (1962)
    - 3 Genus *Nanstelocephala* Oberw. & R.H. Petersen (1990)
    - 4 Genus *Pellidiscus* Donk (1959)
    - 5 Genus *Pleuroflammula* Singer (1946)
    - 6 Genus *Simocybe* P. Karst. (1879), nom. cons.
  - 143.3.2.2.2.1.2.2 Family *Tubariaceae* Vizzini (2008)
    - 1 Genus *Cyclocybe* Velen. (1939)
    - 2 Genus *Flammulaster* Earle (1909)
    - 3 Genus *Hemistropharia* Jacobsson & E. Larss. (2007)
    - 4 Genus *Pachylepyrium* Singer (1958)
    - 5 Genus *Phaeomarasmium* Scherff. (1897)
    - 6 Genus *Pleuromyces* Dima, P.-A. Moreau & V. Papp (2018)
    - 7 Genus *Tubaria*\* (W.G. Sm.) Gillet (1876)
  - 143.3.2.2.2.2.1 Family *Psathyrellaceae* Vilgalys, Moncalvo & Redhead (2001)
    - 01 Genus *Coprinellus* P. Karst. (1879)
    - 02 Genus *Coprinopsis* P. Karst. (1881), nom. cons.
    - 03 Genus *Cystoagaricus* Singer (1947)
    - 04 Genus *Gasteroagaricoides* D.A. Reid (1986)
    - 05 Genus *Homophron* (Britzelm.) Örstadius & E. Larss. (2015)
    - 06 Genus *Kauffmania* Örstadius & E. Larss. (2015)
    - 07 Genus *Lacrymaria* Pat. (1887)
    - 08 Genus *Macrometrula* Donk & Singer (1948)
    - 09 Genus *Parasola* Redhead, Vilgalys & Hopple (2001)
    - 10 Genus *Psathyrella*\* (Fr.) Quéf. (1872), nom. cons.
    - 11 Genus *Typhrasa* Örstadius & E. Larss. (2015)
    - 12 Anamorph genus *Hormographiella* Guarro & Gené (1992)
    - 13 Anamorph genus *Rhacophyllus* Berk. & Broome (1871)
  - 143.3.2.2.2.2.2 Family *Agaricaceae*\* Chevall. (1826)
    - 01 Genus *Abstoma* G. Cunn. (1926)
    - 02 Genus *Acutocapillitium* P. Ponce de León (1976)
    - 03 Genus *Agaricus*\* L. (1753), nom. sanct., nom. cons.
    - 04 Genus *Arachnion* Schwein. (1822)
    - 05 Genus *Barcheria* T. Lebel (2004)
    - 06 Genus *Battarrea* Pers. (1801)
    - 07 Genus *Battarreoides* T. Herrera (1953)
    - 08 Genus *Calvatopsis* Hollós (1929)
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- 09 Genus *Chamaemyces* Battarra ex Earle (1909)  
10 Genus *Chlamydopus* Speg. (1898)  
11 Genus *Chlorolepiota* Sathe & S.D. Deshp. (1979)  
12 Genus *Chlorophyllum* Masee (1898), nom. cons.  
13 Genus *Clarkeinda* Kuntze (1891)  
14 Genus *Clavogaster* Henn. (1896)  
15 Genus *Coniolepiota* Vellinga (2011)  
16 Genus *Coprinus* Pers. (1797)  
17 Genus *Crucispora* E. Horak (1971)  
18 Genus *Cystolepiota* Singer (1952)  
19 Genus *Dictyocephalos* Underw. ex V.S. White (1901)  
20 Genus *Disciseda* Czern. (1845)  
21 Genus *Echinoderma* (Locq. ex Bon) Bon (1991)  
22 Genus *Endolepiotula* Singer (1963)  
23 Genus *Eriocybe* Vellinga (2011)  
24 Genus *Gasterellopsis* Routien (1940)  
25 Genus *Glyptoderma* R. Heim & Perr.-Bertr. (1971)  
26 Genus *Heinemannomyces* Watling (1999)  
27 Genus *Hiatulopsis* Singer & Grinling (1967)  
28 Genus *Holocotylon* Lloyd (1906)  
29 Genus *Hymenagaricus* Heinem. (1981)  
30 Genus *Janauaria* Singer (1986)  
31 Genus *Japonogaster* Kobayasi (1989)  
32 Genus *Lepiota* (Pers.) Gray (1821), nom. cons.  
33 Genus *Leucoagaricus* Locq. ex Singer (1948)  
34 Genus *Leucocoprinus* Pat. (1888)  
35 Genus *Lycoperdopsis* Henn. (1900)  
36 Genus *Macrolepiota* Singer (1948)  
37 Genus *Melanophyllum* Velen. (1921)  
38 Genus *Metrodia* Raithelh. (1971)  
39 Genus *Micropsalliota* Höhn. (1914)  
40 Genus *Montagnea* Fr. (1836)  
41 Genus *Mycenastrum* Desv. (1842)  
42 Genus *Neosecotium* Singer & A.H. Sm. (1960)  
43 Genus *Panaeolopsis* Singer (1969)  
44 Genus *Phellorinia* Berk. (1843)  
45 Genus *Phyllogaster* Pegler (1969)  
46 Genus *Podaxis* Desv. (1809)  
47 Genus *Pseudoauricularia* Kobayasi (1982)  
48 Genus *Pseudolepiota* Z.W. Ge (2017)  
49 Genus *Queletia* Fr. (1872)  
50 Genus *Rugosopora* Heinem. (1973)  
51 Genus *Schinzinia* Fayod (1889)  
52 Genus *Schizostoma* Ehrenb. ex Lév. (1846)  
53 Genus *Singerina* Sathe & S.D. Deshp. (1981)  
54 Genus *Smithiogaster* J.E. Wright (1975)  
55 Genus *Smithiomyces* Singer (1944)  
56 Genus *Termiticola* E. Horak (1979)  
57 Genus *Tulostoma* Pers. (1794)  
58 Genus *Xanthagaricus* (Heinem.) Little Flower, Hosag. & T.K. Abraham (1997)  
59 Genus *Xerocoprinus* Maire (1907)

**Citation:** Brands, S.J. (ed.), 2020. Classification of Order *Agaricales* (fungi) down to Genus. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 23 Nov 2020. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=2892>>

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