

The Taxonomicon

Systema Naturae 2000

Classification of
Class *Agaricomycetes*
(fungi)
down to Family

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

23 Nov 2020

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- Class Agaricomycetes -

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

Class *Agaricomycetes** Doweld (2001)

- 01 ?Genus †*Gastromyces* R. Ludw. (1861)
- 02 Genus †*Archeterobasidium* Koeniguer & Locq. (1979), incertae sedis
- 03 Genus †*Dactyloporus* Herzer (1893), incertae sedis
- 04 Genus †*Palaeancistrus* R.L. Dennis (1970), incertae sedis
- 05 Genus †*Palaeoagaracites* Poinar & Buckley (2007), incertae sedis
- 06 Genus *Aldridgea* Massee (1892), nom. dub., incertae sedis
- 07 Genus *Blasiphalia* Redhead (2007), incertae sedis
- 08 Genus *Bridgeoporus* T.J. Volk, Burds. & Ammirati (1996), incertae sedis
- 09 Genus *Ceraceopsis* Hjortstam & Ryvarden (2007), incertae sedis
- 10 Genus *Cilicia* Fr. (1825), incertae sedis
- 11 Genus *Hallenbergia* Dhingra & Priyanka (2011), incertae sedis
- 12 Genus *Heteroacanthella* Oberw. (1990), incertae sedis
- 13 Genus *Intextomyces* J. Erikss. & Ryvarden (1976), incertae sedis
- 14 Genus *Korupella* Hjortstam & P. Roberts (2000), incertae sedis
- 15 Genus *Loreleia* Redhead, Moncalvo, Vilgalys & Lutzoni (2002), incertae sedis
- 16 Genus *Minostrocyta* Hjortstam & Ryvarden (2001), incertae sedis
- 17 Genus *Mylittopsis* Pat. (1895), incertae sedis
- 18 Genus *Odonticum* Parmasto (1968), incertae sedis
- 19 Genus *Phlyctibasidium* Jülich (1974), incertae sedis
- 20 Genus *Purpureocorticium* Sheng H. Wu (2017), incertae sedis
- 21 Genus *Taiwanoporia* T.T. Chang & W.N. Chou (2003), incertae sedis
- 22 Genus *Trechinothus* E.C. Martini & Trichiès (2004), incertae sedis
- 23 Genus *Trimitiella* Dhingra (2008), incertae sedis
- 24 Genus *Tubulicrinopsis* Hjortstam & Kotir. (2007), incertae sedis
- 25 Genus *Xerotus* Fr. (1825), nom. sanct., incertae sedis
- 26 Anamorph genus *Akenomyces* G. Arnaud ex D. Hornby (1984), incertae sedis
- 27 Anamorph genus *Arthrodochium* R.F. Castañeda & W.B. Kendr. (1990), incertae sedis
- 28 Anamorph genus *Arualis* Katz (1980), incertae sedis
- 29 Anamorph genus *Cenangiomycetes* Dyko & B. Sutton (1979), incertae sedis
- 30 Anamorph genus *Corticomyces* A.I. Romero & S.E. López (1989), incertae sedis
- 31 Anamorph genus *Cruciger* R. Kirschner & Oberw. (1999), incertae sedis
- 32 Anamorph genus *Dendrosporomyces* Nawawi, J. Webster & R.A. Davey (1977), incertae sedis
- 33 Anamorph genus *Ellula* Nag Raj (1980), incertae sedis
- 34 Anamorph genus *Fibulocoela* Nag Raj (1978), incertae sedis
- 35 Anamorph genus *Fibulotaeniella* Marvanová & Bärl. (1988), incertae sedis
- 36 Anamorph genus *Geotrichopsis* Tzean & Estey (1991), incertae sedis
- 37 Anamorph genus *Gloeosynnema* Seifert & G. Okada (1988), incertae sedis
- 38 Anamorph genus *Glomerulomyces* A.I. Romero & S.E. López (1989), incertae sedis
- 39 Anamorph genus *Glutinoagger* Sivan. & Watling (1980), incertae sedis
- 40 Anamorph genus *Myriococcum* Fr. (1823), nom. sanct., incertae sedis
- 41 Anamorph genus *Pagidospora* Drechsler (1960), incertae sedis
- 42 Anamorph genus *Pycnovellomyces* R.F. Castañeda (1987), incertae sedis
- 43 Anamorph genus *Riessia* Fresen. (1852), incertae sedis
- 44 Anamorph genus *Riessiella* Jülich (1985), incertae sedis
- 45 Anamorph genus *Titaeella* G. Arnaud ex K. Ando & Tubaki (1985), incertae sedis
- 46 Order *Cantharellales* Gäum. (1926), incertae sedis
 - 01 Genus *Boidinella* Nakasone (2011), incertae sedis
 - 02 Genus *Clavulicium* Boidin (1957), incertae sedis
 - 03 Genus *Odontiochaete* Rick (1940), nom. dub., incertae sedis
 - 04 Genus *Radulochaete* Rick (1940), nom. dub., incertae sedis
 - 05 Genus *Schildia* Franchi & M. Marchetti (2015), incertae sedis
 - 06 Genus *Stilbotulasnella* Oberw. & Bandoni (1982), incertae sedis
 - 07 Anamorph genus *Bulbilla* Diederich, Flakus & Etayo (2014), incertae sedis
 - 08 Anamorph genus *Minimedusa* Weresub & P.M. LeClair (1971), incertae sedis
- 09 Family *Aphelariaceae* Corner (1970)
- 10 Family *Botryobasidiaceae* Jülich (1982)
- 11 Family *Ceratobasidiaceae* G.W. Martin (1948)
- 12 Family *Hydnaceae* Chevall. (1826)
- 13 Family *Oliveoniaceae* P. Roberts (1998)
- 14 Family *Tulasnellaceae* Juel (1897)
- 47.1.1 Order *Sebacinales* M. Weiss, Selosse, Rexer, A. Urb. & Oberw. (2004), incertae sedis
 - 1 Family *Sebacinaceae** K. Wells & Oberw. (1982)
 - 2 Family *Serendipitaceae* M. Weiss, F. Waller, Zuccaro & Selosse (2016)
- 47.1.2 Order *Tremellodendropsidales* Vizzini (2014), incertae sedis
 - 1 Family *Tremellodendropsidaceae** Jülich (1982)
- 47.2.1.1 Order *Trechisporales* K.H. Larss. (2007), incertae sedis
 - 1 Family *Hydnodontaceae* Jülich (1982)
- 47.2.1.2 Order *Auriculariales* Bromhead (1840), incertae sedis
 - 01 Genus *Basidiodendron* Rick (1938), incertae sedis
 - 02 Genus *Bourdotia* (Bres.) Bres. & Torrend (1913), incertae sedis

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- 03 Genus *Ceratosebacina* P. Roberts (1993), incertae sedis
 - 04 Genus *Dendrogloeon* Spirin & Miettinen (2015), incertae sedis
 - 05 Genus *Ductifera* Lloyd (1917), incertae sedis
 - 06 Genus *Endoperplexa* P. Roberts (1993), incertae sedis
 - 07 Genus *Gelacantha* Malysheva & Spirin (2019), incertae sedis
 - 08 Genus *Grammatus* H.S. Yuan & Decock (2018), incertae sedis
 - 09 Genus *Guepinia* Fr. (1825), nom. sanct., incertae sedis
 - 10 Genus *Hauerslevia* P. Roberts (1998), incertae sedis
 - 11 Genus *Heterorepetobasidium* Chee J. Chen & Oberw. (2002), incertae sedis
 - 12 Genus *Heteroscypha* Oberw. & Agerer (1979), incertae sedis
 - 13 Genus *Hyalodon* Malysheva & Spirin (2018), incertae sedis
 - 14 Genus *Hydrophana* Malysheva & Spirin (2019), incertae sedis
 - 15 Genus *Metabourdotia* L.S. Olive (1957), incertae sedis
 - 16 Genus *Microsebacina* P. Roberts (1993), incertae sedis
 - 17 Genus *Mycostilla* Spirin & Malysheva (2018), incertae sedis
 - 18 Genus *Myxariellum* Spirin & Malysheva (2019), incertae sedis
 - 19 Genus *Ofella* Spirin & Malysheva (2019), incertae sedis
 - 20 Genus *Protoacia* Spirin & Malysheva (2019), incertae sedis
 - 21 Genus *Protodontia* Höhn. (1907), incertae sedis
 - 22 Genus *Protograndinia* Rick (1933), incertae sedis
 - 23 Genus *Protohydnum* Möller (1895), incertae sedis
 - 24 Genus *Protomerulius* Möller (1895), incertae sedis
 - 25 Genus *Protoradulum* Rick (1933), incertae sedis
 - 26 Genus *Pseudohydnum* P. Karst. (1868), incertae sedis
 - 27 Genus *Renatobasidium* Hauerlev (1993), incertae sedis
 - 28 Genus *Stypella* Möller (1895), incertae sedis
 - 29 Genus *Stypellopsis* Spirin & Malysheva (2018), incertae sedis
 - 30 Genus *Tremellacantha* Jülich (1980), incertae sedis
 - 31 Anamorph genus *Porpopycnis* R. Kirschner (2012), incertae sedis
 - 32 Family *Hyaloriaceae* Lindau (1897)
 - 33 Family *Auriculariaceae** Fr. (1838)
 - 47.2.2.1 Order *Hymenochaetales* Oberw. (1977), incertae sedis
 - 01 Genus *Cantharellopsis* Kuyper (1986), incertae sedis
 - 02 Genus *Cyanotrampa* Ghob.-Nejh. & Y.C. Dai (2010), incertae sedis
 - 03 Genus *Fibricium* J. Erikss. (1958), incertae sedis
 - 04 Genus *Ginnsia* Sheng H. Wu & Hallenb. (2010), incertae sedis
 - 05 Genus *Gyroflexus* Raitelth. (1981), incertae sedis
 - 06 Genus *Kurtia* Karasinski (2014), incertae sedis
 - 07 Genus *Lawrynomycetes* Karasinski (2013), incertae sedis
 - 08 Genus *Muscinipta* Redhead, Lücking & Lawrey (2009), incertae sedis
 - 09 Genus *Physodontia* Ryvarden & H. Solheim (1977), incertae sedis
 - 10 Genus *Sidera* Miettinen & K.H. Larss. (2011), incertae sedis
 - 11 Genus *Skvortzovia* Bononi & Hjortstam (1987), incertae sedis
 - 12 Genus *Subulicium* Hjortstam & Ryvarden (1979), incertae sedis
 - 13 Genus *Trichaptum* Murrill (1904), incertae sedis
 - 14 Genus *Tsugacorticium* Nakasone & Burds. (2011), incertae sedis
 - 15 Genus *Caeruleomyces* Stalpers (2000), incertae sedis
 - 16? Family *Neoantrodidiellaceae* Y.C. Dai, B.K. Cui, Jia J. Chen & H.S. Yuan (2015)
 - 17 Family *Rickenellaceae* Vizzini (2010)
 - 18.1.1 Family *Schizoporaceae* Jülich (1982)
 - 18.1.2 Family *Oxyporaceae* Zmitr. & Malysheva (2014)
 - 18.2 Family *Hymenochaetaceae** Donk (1948)
 - 19? Family *Nigrofomitaceae* Jülich (1982)
 - 47.2.2.2.1.1.1 Order *Corticiales* K.H. Larss. (2007), incertae sedis
 - 01 Genus *Ambivina* Katz (1974), incertae sedis
 - 02 Genus *Amylobasidium* Ginns (1988), incertae sedis
 - 03 Genus *Leptocorticium* Hjortstam & Ryvarden (2002), incertae sedis
 - 04 Genus *Melzerodontia* Hjortstam & Ryvarden (1980), incertae sedis
 - 05 Genus *Nothocorticium* Gresl. & Rajchenb. (1999), incertae sedis
 - 06 Genus *Papyrodiscus* D.A. Reid (1979), incertae sedis
 - 07 Genus *Ripexicium* Hjortstam (1995), incertae sedis
 - 08 Family *Corticaceae** Herter (1910), nom. cons.
 - 09 Family *Dendrominiaceae* Ghob.-Nejh. (2015)
 - 10 Family *Punctulariaceae* Donk (1964)
 - 11 Family *Vuilleminiaceae* Maire ex Lotsy (1907)
 - 47.2.2.2.1.1.2 Order *Russulales* Kreisel ex P.M. Kirk, P.F. Cannon & J.C. David (2001), incertae sedis
 - 01 Genus *Aleurocystidiellum* P.A. Lemke (1964), incertae sedis
 - 02 Genus *Dentipellopsis* Y.C. Dai & L.W. Zhou (2013), incertae sedis
 - 03 Genus *Dichantharellus* Corner (1966), incertae sedis
 - 04 Genus *Dichopleuropus* D.A. Reid (1965), incertae sedis
 - 05 Genus *Gloeasterostroma* Rick (1938), nom. conf., incertae sedis
 - 06 Genus *Gloeodontia* Boidin (1966), incertae sedis
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- 07 Genus *Gloeohypochnicium* (Parmasto) Hjortstam (1987), incertae sedis
 - 08 Genus *Haloaleurodiscus* N. Maek., Suhara & K. Kinjo (2005), incertae sedis
 - 09 Genus *Laeticutis* Audet (2010), incertae sedis
 - 10 Genus *Neoalbatrellus* Audet (2010), incertae sedis
 - 11 Genus *Perplexostereum* Ryvarden & Tutka (2014), incertae sedis
 - 12 Genus *Polypus* Audet (2010), incertae sedis
 - 13 Genus *Scopulodontia* Hjortstam (1998), incertae sedis
 - 14 Genus *Scytinostromella* Parmasto (1968), incertae sedis
 - 15 Genus *Xeroceps* Audet (2010), incertae sedis
 - 16? Family *Auriscalpiaceae* Maas Geest. (1963)
 - 17? Family *Hybogasteraceae* Jülich (1982)
 - 18? Family *Xenasmataceae* Oberw. (1966)
 - 19 Family *Hericiaceae* Donk (1964)
 - 20.1.1 Family *Bondarzewiaceae* Kotl. & Pouzar (1957)
 - 20.1.2 Family *Stereaceae* Pilát (1930)
 - 20.2.1 Family *Albatrellaceae* Nuss (1980)
 - 20.2.2.1.1 Family *Echinodontiaceae* Donk (1961)
 - 20.2.2.1.2 Family *Peniophoraceae* Lotsy (1907)
 - 20.2.2.2 Family *Russulaceae** Lotsy (1907)
 - 47.2.2.2.1.2.1 Order *Thelephorales* Corner ex Oberw. (1976), incertae sedis
 - 1 Genus *Thelephorella* P. Karst. (1889), nom. dub., incertae sedis
 - 2 Family *Bankeraceae* Donk (1961)
 - 3 Family *Thelephoraceae** Chevall. (1826)
 - 47.2.2.2.1.2.2 Order *Polyporales* Gäum. (1926), incertae sedis
 - 01 Genus *Amaropostia* B.K. Cui, L.L. Shen & Y.C. Dai (2018), incertae sedis
 - 02 Genus *Amaurohydnum* Jülich (1978), incertae sedis
 - 03 Genus *Amauromyces* Jülich (1978), incertae sedis
 - 04 Genus *Amethicium* Hjortstam (1983), incertae sedis
 - 05 Genus *Amyloporia* Bondartsev & Singer (1944), incertae sedis
 - 06 Genus *Aquascypha* D.A. Reid (1965), incertae sedis
 - 07 Genus *Auriporia* Ryvarden (1973), incertae sedis
 - 08 Genus *Australicium* Hjortstam & Ryvarden (2002), incertae sedis
 - 09 Genus *Australohydnum* Jülich (1978), incertae sedis
 - 10 Genus *Austrolentinus* Ryvarden (1991), incertae sedis
 - 11 Genus *Bourdotiella* Duhem & Schultheis (2011), incertae sedis
 - 12 Genus *Bulbillomyces* Jülich (1974), incertae sedis
 - 13 Genus *Calcipostia* B.K. Cui, L.L. Shen & Y.C. Dai (2018), incertae sedis
 - 14 Genus *Candelabrochaete* Boidin (1970), incertae sedis
 - 15 Genus *Climacocystis* Kotl. & Pouzar (1958), incertae sedis
 - 16 Genus *Columnodontia* Jülich (1979), incertae sedis
 - 17 Genus *Conohypha* Jülich (1975), incertae sedis
 - 18 Genus *Coralloderma* D.A. Reid (1965), incertae sedis
 - 19 Genus *Cordochaete* Sanyal, Samita, Dhingra & Avn.P. Singh (2013), incertae sedis
 - 20 Genus *Cryptomphalina* R. Heim (1966), incertae sedis
 - 21 Genus *Cyanodontia* Hjortstam (1987), incertae sedis
 - 22 Genus *Cyanosporus* McGinty (1909), incertae sedis
 - 23 Genus *Cystidiopostia* B.K. Cui, L.L. Shen & Y.C. Dai (2018), incertae sedis
 - 24 Genus *Dendrophlebia* Dhingra & Priyanka (2011), incertae sedis
 - 25 Genus *Diacanthodes* Singer (1945), incertae sedis
 - 26 Genus *Diplomitoporus* Domanski (1970), incertae sedis
 - 27 Genus *Erastia* Niemelä & Kinnunen (2005), incertae sedis
 - 28 Genus *Faerberia* Pouzar (1981), incertae sedis
 - 29 Genus *Fibroporia* Parmasto (1968), incertae sedis
 - 30 Genus *Fuscopostia* B.K. Cui, L.L. Shen & Y.C. Dai (2018), incertae sedis
 - 31 Genus *Gilbertsonia* Parmasto (2001), incertae sedis
 - 32 Genus *Globosomyces* Jülich (1980), incertae sedis
 - 33 Genus *Globuliciopsis* Hjortstam & Ryvarden (2004), incertae sedis
 - 34 Genus *Gyrophanopsis* Jülich (1979), incertae sedis
 - 35 Genus *Henningsia* Möller (1895), incertae sedis
 - 36 Genus *Hymenogramme* Mont. & Berk. (1844), incertae sedis
 - 37 Genus *Hyphodontiastra* Hjortstam (1999), incertae sedis
 - 38 Genus *Hypochnicium* J. Erikss. (1958), incertae sedis
 - 39 Genus *Inflatostereum* D.A. Reid (1965), incertae sedis
 - 40 Genus *Irpicochaete* Rick (1940), nom. dub., incertae sedis
 - 41 Genus *Laetifomes* T. Hatt. (2001), incertae sedis
 - 42 Genus *Macrohyporia* I. Johans. & Ryvarden (1979), incertae sedis
 - 43 Genus *Meruliophana* Duhem & Buyck (2011), incertae sedis
 - 44 Genus *Mycoleptodonoides* Nikol. (1952), incertae sedis
 - 45 Genus *Mycorrhaphoides* Hembrom, K. Das & Hallenb. (2017), incertae sedis
 - 46 Genus *Nigrohydnum* Ryvarden (1987), incertae sedis
 - 47 Genus *Phanerodontia* Hjortstam & Ryvarden (2010), incertae sedis
 - 48 Genus *Phaneroites* Hjortstam & Ryvarden (2010), incertae sedis

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- 49 Genus *Phlebiella* P. Karst. (1890), incertae sedis
 - 50 Genus *Piptoporellus* B.K. Cui, M.L. Han & Y.C. Dai (2016), incertae sedis
 - 51 Genus *Pseudofibroporia* Yuan Y. Chen, B.K. Cui & Y.C. Dai (2017), incertae sedis
 - 52 Genus *Repetobasidiopsis* Dhingra & Avn.P. Singh (2008), incertae sedis
 - 53 Genus *Rhodonia* Niemelä (2005), incertae sedis
 - 54 Genus *Rickiopora* Westph., Tomsovský & Rajchenb. (2016), incertae sedis
 - 55 Genus *Roseofavolus* T. Hatt. (2003), incertae sedis
 - 56 Genus *Roseograndinia* Hjortstam & Ryvardeen (2005), incertae sedis
 - 57 Genus *Ryvardenia* Rajchenb. (1994), incertae sedis
 - 58 Genus *Sarcoporia* P. Karst. (1894), incertae sedis
 - 59 Genus *Skeletohydnum* Jülich (1979), incertae sedis
 - 60 Genus *Sparassiella* Schwarzman (1964), incertae sedis
 - 61 Genus *Spathulina* Pat. (1900), nom. dub., incertae sedis
 - 62 Genus *Spongioides* Lázaro Ibiza (1916), nom. dub., incertae sedis
 - 63 Genus *Spongipellis* Pat. (1887), nom. cons., incertae sedis
 - 64 Genus *Stegiacantha* Maas Geest. (1966), incertae sedis
 - 65 Genus *Taiwanofungus* Sheng H. Wu, Z.H. Yu, Y.C. Dai & C.H. Su (2004), incertae sedis
 - 66 Genus *Uncobasidium* Hjortstam & Ryvardeen (1978), incertae sedis
 - 67 Anamorph genus *Aegeritopsis* Höhn. (1903), nom. dub., incertae sedis
 - 68? Family *Steccherinaceae* Parmasto (1968)
 - 69? Family *Gelatoporiaceae* Miettinen, Justo & Hibbett (2017)
 - 70? Family *Hyphodermataceae* Jülich (1982)
 - 71? Family *Sparassidaceae* Herter (1910)
 - 72 Family *Meripilaceae* Jülich (1982)
 - 73.1 Family *Ischnodermataceae* Jülich (1982)
 - 73.2.1.1 Family *Fragiliporiaceae* Y.C. Dai, B.K. Cui & C.L. Zhao (2014)
 - 73.2.1.2.1.1 Family *Meruliaceae* Rea (1922)
 - 73.2.1.2.1.2? Family *Dacrybolaceae* Jülich (1982)
 - 73.2.1.2.2.1 Family *Phanerochaetaceae* Jülich (1982)
 - 73.2.1.2.2.2 Family *Irpicaceae* Spirin & Zmitr. (2003)
 - 73.2.2.1.1 Family *Laetiporaceae* Jülich (1982)
 - 73.2.2.1.2 Family *Fomitopsidaceae* Jülich (1982)
 - 73.2.2.2.1 Family *Grifolaceae* Jülich (1982)
 - 73.2.2.2.2.1? Family *Cerrenaceae* Miettinen, Justo & Hibbett (2017)
 - 73.2.2.2.2.2? Family *Incrustoporiaceae* Jülich (1982)
 - 73.2.2.2.2.3? Family *Panaceae* Miettinen, Justo & Hibbett (2017)
 - 73.2.2.2.2.4 Family *Polyporaceae** Fr. ex Corda (1839)
 - 74? Family *Podoscyphaceae* D.A. Reid (1965)
 - 47.2.2.2.2.1.1 Order *Gloeophyllales* Thorn (2007), incertae sedis
 - 1 Genus *Pileodon* P. Roberts & Hjortstam (1998), incertae sedis
 - 2 Family *Gloeophyllaceae** Jülich (1982)
 - 47.2.2.2.2.1.2.1 Order *Stereopsidales* Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss. (2014), incertae sedis
 - 1 Family *Stereopsidaceae** Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss. (2014)
 - 47.2.2.2.2.1.2.2 Subclass *Phallomycetidae* Locq. ex K. Hosaka, Castellano & Spatafora (2007)
 - 1 Order *Gastrales* K. Hosaka & Castellano (2007)
 - 1 Genus *Boninogaster* Kobayasi (1937), incertae sedis
 - 2 Family *Gastraceae** Corda (1842)
 - 3 Family *Sclerogastraceae* Locq. ex P.M. Kirk (2008)
 - 2.1 Order *Gomphales* Jülich (1982)
 - 1 Family *Clavariadelphaceae* Corner (1970)
 - 2.1 Family *Gomphaceae** Donk (1961)
 - 2.2 Family *Lentariaceae* Jülich (1982)
 - 2.2.1 Order *Phallales** E. Fisch. (1898)
 - 1 Genus *Saprogaster* Fogel & States (2001), incertae sedis
 - 2 Genus *Vandasia* Velen. (1922), nom. dub., incertae sedis
 - 3 Family *Claustulaceae* G. Cunn. (1931)
 - 4 Family *Gastrosporiaceae* Pilát (1934)
 - 5 Family *Phallaceae** Corda (1842)
 - 2.2.2 Order *Hysterangiales* K. Hosaka & Castellano (2007)
 - 1.1 Family *Trappeaceae* P.M. Kirk (2008)
 - 1.2 Family "*Phallogastraceae*" Locq. (1974), nom. inval.
 - 2.1 Family *Gallaceaceae* Locq. ex P.M. Kirk (2008)
 - 2.2.1 Family *Hysterangiaceae** E. Fisch. (1899)
 - 2.2.2 Family *Mesophelliaceae* Jülich (1982)
 - 47.2.2.2.2.2 Subclass *Agaricomycetidae** Locq. ex Parmasto (1986)
 - 1 Order *Jaapiales* Manfr. Binder, K.H. Larss. & Hibbett (2010)
 - 1 Family *Jaapiaceae** Manfr. Binder, K.H. Larss. & Hibbett (2010)
 - 2.1 Order *Boletales* E.-J. Gilbert (1931)
 - 1 Genus *Corditubera* Henn. (1897), incertae sedis
 - 2 Genus *Corneromyces* Ginns (1976), incertae sedis
 - 3 Genus *Marthanella* States & Fogel (1999), incertae sedis
 - 4 Genus *Phaeoradulum* Pat. (1900), incertae sedis
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- 5? Family *Protoastraceae* Zeller (1934)
 - 6? Family *Rhizopogonaceae* Gäum. & C.W. Dodge (1928)
 - 7 Family *Tapinellaceae* C. Hahn (1999)
 - 8.1.1 Family *Hygrophoropsidaceae* Kühner (1980)
 - 8.1.2 Family *Serpulaceae* Jarosch & Bresinsky (2001)
 - 8.2.1 Family *Coniophoraceae* Ulbr. (1928)
 - 8.2.2.1.1 Family *Gomphidiaceae* Maire ex Jülich (1982)
 - 8.2.2.1.2 Family *Suillaceae* Besl & Bresinsky (1997)
 - 8.2.2.2.1.1 Family *Paxillaceae* Lotsy (1907)
 - 8.2.2.2.1.2.1 Family *Boletinellaceae* P.M. Kirk, P.F. Cannon & J.C. David (2001)
 - 8.2.2.2.1.2.2.1 Family *Gyroporaceae* Manfr. Binder & Bresinsky (2002)
 - 8.2.2.2.1.2.2.2.1 Family *Calostomataceae* E. Fisch. (1900)
 - 8.2.2.2.1.2.2.2.2 Family *Sclerodermataceae* Corda (1842)
 - 8.2.2.2.1.2.2.2.3? Family "*Diplocystidiaceae*" Kreisel (1974), orth. inval.
 - 8.2.2.2.2 Family *Boletaceae** Chevall. (1826)
 - 9? Family *Gasterellaceae* Zeller (1948)
 - 2.2.1.1 Order *Amylocorticiales* K.H. Larss., Manfr. Binder & Hibbett (2010)
 - 1 Family *Amylocorticiaceae** Jülich (1982)
 - 2.2.1.2 Order *Lepidostromatales* B.P. Hodk. & Lücking (2013)
 - 1 Family *Lepidostromataceae** Ertz, Eb. Fisch., Killmann, Sérus. & Lawrey (2008)
 - 2.2.2.1 Order *Atheliales* Jülich (1982)
 - 1 Family *Atheliaceae** Jülich (1982)
 - 2.2.2.2 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 *Asproinochybe* 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 *Calyprella* 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 *Cercopomyces* 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 *Cyphelloclathus* 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 *Hispidocalyprella* E. Horak & Desjardin (1994), incertae sedis

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- 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 *Meotomyces* Vizzini (2008), incertae sedis
068 Genus *Mesophelliopsis* Bat. & A.F. Vital (1957), incertae sedis
069 Genus *Metraria* (Cooke) Cooke & Massee (1891), incertae sedis
070 Genus *Metulocyphella* Agerer (1983), incertae sedis
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* Qué. (1886), nom. cons., incertae sedis
085 Genus *Palaeocephala* Singer (1962), incertae sedis
086 Genus *Panaeolina* Maire (1933), incertae sedis
087 Genus *Panaeolus* (Fr.) Qué. (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 *Phaeomycena* 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* Raitheh. (1986), incertae sedis
121 Genus *Stemastrum* Raf. (1808), nom. dub., incertae sedis
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- 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 *Tricholomopsis* 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 *Tricladomyces* 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* Quéf. (1888)
141.2? Family *Porothelaceae* Murrill (1916)
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 *Macrocytidiaceae* 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)

Citation: Brands, S.J. (ed.), 2020. Classification of Class *Agaricomycetes* (fungi) down to Family. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 23 Nov 2020. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=1001293>>

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