Towards incorporating asexual fungi in a natural classification: checklist and notes 2012–2016

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Abstract

Incorporating asexual genera in a natural classification system and proposing one name for pleomorphic genera are important topics in the current era of mycology. Recently, several polyphyletic genera have been restricted to a single family, linked with a single sexual morph or split into several unrelated genera. Thus, updating existing data bases and check lists is essential to stay abreast of these recent advances. In this paper, we update the existing outline of asexual genera and provide taxonomic notes for asexual genera which have been introduced since 2012. Approximately, 320 genera have been reported or linked with a sexual morph, but most genera lack sexual morphs.

Keywords – Article 59.1 – Coelomycetous – Hyphomycetous – One name – Pleomorphism

Introduction

The recent outlines and monographs of different taxonomic groups (including artificial groups i.e. coelomycetes and hyphomycetes) tried to incorporate asexual genera in a natural classification system (Hyde et al. 2013, Maharachchikumbura et al. 2015, 2016, Senanayake et al. 2015, Wijayawardene et al. 2016, 2017). However, many asexual genera still lack sequence data and thus their placements have not been determined. These fungi are treated as Ascomycota, genera *incertae sedis*. Nevertheless, several recent studies have re-collected historic genera, subjected then to morpho-molecular analyses and provided taxonomic placements (Dai et al. 2014, Wijayawardene et al. 2013, 2016, Crous et al. 2015a).

Seifert et al. (2011), Hyde et al. (2013), Johnston et al. (2014), Wijayawardene et al. (2014, 2017), Maharachchikumbura et al. (2015, 2016), Rosman et al. (2013, 2015a, b, 2016), Réblová et al. (2015, 2016) and Senanayake et al. (2015) have provided significant taxonomic and nomenclatural changes for different taxonomic groups based on DNA sequence analyses.

In this article, we incorporate asexual genera in a natural classification and update existing outlines i.e. Hyde et al. (2011) and Wijayawardene et al. (2012).

Material and methods

The outline of classification system follows Lumbsch & Huhndorf (2010) as a starting point. The generic names are extracted from Kirk et al. (2008, 2013), Index Fungorum (2017) and research articles since 2011 to end of 2016. Recent name changes of pleomorphic genera (according to Article 59.1) are also incorporated based on recent articles as in Table 1.

The present article lists asexual genera or ‘-like’ genera under the appropriate fungal classification and the link to a sexual genus given where found. Dubious genera are excluded, but can be added if they are later found to be good genera. Fossil fungi are also excluded as it would be impossible with present techniques available to provide a natural classification for them. A question mark before the entry means that its placement in that family or order is not fully established and generally follows Lumbsch & Huhndorf (2010). A question mark before asexual morph means it is not clear that this is the asexual morph of this genus, although there are many cases without a question mark where the link has not equivocally been proven. An asterisk following the names indicates an entry in the “Notes” section.

We have added (H) = hyphomycete, (C) = coelomycete, (Y) = yeast and (R) = Rust against entries where known. The asexual genera which are reported with or linked with sexual morphs are also included to the outline and indicated by #.

Table 1. Articles used to update the name changes of pleomorphic genera

Taxonomic group	Reference
<i>Ascomycota</i>	Wijayawardene et al. 2017
<i>Diaporthales</i>	Rossmann et al. 2013, 2015b
<i>Dothideomycetes</i>	Wijayawardene et al. 2014, Rossmann et al. 2015a
<i>Leotiomyces</i>	Johnston et al. 2014
<i>Magnaporthales</i>	Zhang et al. 2016
<i>Orbiliaceae (Orbiliomycetes)</i>	Baral et al. 2016, Ekanayaka et al. 2017
<i>Sordariomycetes</i>	Maharachchikumbura et al. 2015, 2016, Réblová et al. 2016a
<i>Xylariales</i>	Wendt et al. 2017
<i>Xylariomycetidae</i>	Senanayake et al. 2015
<i>Pezizomycetes</i>	Healy et al. 2016
Index to Ascomycota	<i>Geotrichum</i> Link 1809 (H) <i>Saprochaete</i> Coker & Shanor 1939 (H)
Phylum ASCOMYCOTA Caval-Sm.	
Subphylum TAPHRINOMYCOTINA O.E. Erikss. & Winka	<i>Lipomyces</i> E.K. Novák & Zsolt <i>Myxozyma</i> Van der Walt et al. 1981 (Y)
Class Taphrinomycetes O.E. Erikss. & Winka	
Taphrinales Gäum. & C.W. Dodge	<i>Pichiaceae</i> Zender
Protomycetaceae Gray	<i>Brettanomyces</i> N.H. Claussen ex Custers 1940 (Y)
<i>Saitoella</i> Goto et al. 1987 (Y)	<i>Hyphopichia</i> Arx & Van der Walt 1976 (Y)
Taphrinaceae Gäum.	
<i>Lalaria</i> R.T. Moore 1990 (Y)	<i>Saccharomycodaceae</i> Kudrjanzev
Subphylum SACHAROMYCOTINA O.E. Erikss. & Winka	<i>Kloeckera</i> Janke 1923 (Y)
Class Saccharomycetes O.E. Erikss. & Winka	<i>Trigonopsidaceae</i> M.A. Lachance & C.P. Kurtzman
Saccharomycetales Kudrjanzev	<i>Botryozyma</i> Shann & M.T. Sm. 1992 (Y)
Dipodascaceae Engl. & E. Gilg	<i>Trigonopsis</i> Schachner 1929 (Y)
<i>Blastobotrys</i> Klopotek 1967 (H)	

Saccharomycetales genera incertae sedis
Aciculoconidium D.S. King & S.C. Jong
 1976 (Y)
Candida Berkhout 1923 (Y)
Macrorhabdus Tomasz. et al. 2003 (Y)

Subphylum PEZIZOMYCOTINA O.E. Erikss.
 & Winka

Class Arthoniomycetes O.E. Erikss. & Winka
Arthoniales Henssen ex D. Hawksw. & O.E.
 Erikss.

Arthoniaceae Reichenb. ex Reichenb.
Briancoppinsia Diederich et al. 2012 (C)*
Helicobolomyces Matzer 1995 (C)
Reichlingia Diederich & Scheid. 1996 (H)
Tylophoron Nyl. ex Stizenb. 1862 (H)*

Lichenostigmatales Ertz et al.

Phaeococcomycetaceae McGinnis & Schell
Etayoa Diederich & Ertz 2014 (C)*
Phaeococcomyces de Hoog 1979 (H)

Class Dothideomycetes sensu O.E. Erikss. &
 Winka

Subclass Dothideomycetidae P.M. Kirk et al.

Capnodiales Woron.

Antennulariellaceae Woron.
Antennariella Bat. & Cif. 1963 (C)

Capnodiaceae (Sacc.) Höhn. ex Theiss.
Capnodium Mont. 1848 (C)[#]
Fumiglobus D.R. Reynolds & G.S. Gilbert
 2006 (C)*
Leptoxyphium Speg. 1918 (H)
Phragmocapnias Theiss. & Syd. 1918 (C)[#]

Cladosporiaceae Nann.

Acroconidiella J.C. Lindq. & Alippi 1964
 (H)
Cladosporium Link 1816 (H)[#]
Graphiopsis Trail 1889 (H)
Hoornsmania Crous 2007 (H)
Rachicladospodium Crous et al. 2007 (H)
Toxicocladosporium Crous & U. Braun
 2007 (H)
Verrucocladosporium K. Schub. et al.
 2007 (H)

Dissoconiaceae Crous & de Hoog
Dissoconium de Hoog et al. 1983 (H)
Pseudoveronaea Crous & Batzer 2012
 (H)*

Ramichloridium ex de Hoog 1977 (H)
Uwebraunia Crous & M.J. Wingf. 1996
 (H)

Euantennariaceae Hughes & Corlett*

Capnokyma S. Hughes 1975 (H)
Hormisciomyces Bat. & Nascim. 1957 (H)
Plokamidomyces Bat. et al. 1957 (H)
Racodium Fr. 1829 (H)
Trichothallus F. Stevens 1925 (H)

Extremaceae Quaedvl. & Crous

Extremus Quaedvl. & Crous 2014 (H)*
Petrophila de Hoog & Quaedvl. 2014 (H)*
Pseudoramichloridium Cheew. & Crous
 2009 (H)
Saxophila Selbmann & de Hoog 2015 (H)*
Staninwardia B. Sutton 1971 (C)
Vermiconia Egidi & Onofri 2014 (H)*

Metacapnodiaceae S. Hughes & Corlett

Capnobotrys S. Hughes 1970 (H)
Capnophialophora S. Hughes 1966 (H)
Metacapnodium Speg. 1918 (H)[#]

Mycosphaerellaceae Lindau

Acervuloseptoria Crous & Jol. Roux 2014
 (C)*
Acrodontium de Hoog 1972 (H)
Annellosympodiella Crous & Assefa 2014
 (H)*
Apseudocercospora Videira & Crous
 2016 (H)*
Asperisporium Maubl. 1913 (H)
Brunneosphaerella Crous 2009 (C)[#]
Camptomeriphila Crous & M.J. Wingf.
 2016 (C)*
Caryophylloseptoria Verkley et al. 2013
 (C)*
Cercospora Fresen. 1863 (H)[#]
Cercospora Sacc. 1880 (H)
Colletogloeum Petr. 1953 (C)
Cytostagonospora Bubák 1916 (C)*
Davisoniella H.J. Swart 1988 (C)
Dictyosporina Abreu et al. 2017 (H)*
Distocercospora N. Pons & B. Sutton 1988
 (H)
Dothistroma Hulbary 1941 (C)
Epicoleosporium Videira & Crous 2016
 (H)*
Filiella Videira & Crous 2016 (H)*
Fusoidiella Videira & Crous 2016 (H)*

Geastrum Bat. 1960 (C)*
Janetia M.B. Ellis 1976 (H)*
Lecanosticta Syd. 1922 (C)
Microcyclosporella Jana Frank et al. 2010
(H)
Miuraea Hara 1948 (H)
Mycosphaerelloides Videira & Crous 2016
(H)*
Mycovellosiella Rangel 1918 (H)
Neoceratosperma Crous & Cheew. 2014
(H)*
Neocercospora M. Bakhshi et al. 2015
(H)*
Neodeighthoniella Crous & W.J. Swart
2013 (H)*
Neopenidiella Quaedvl. & Crous 2014
(H)*
Neopseudocercospora Crous 2013 (H)*
Neopseudocercospora Videira & Crous
2016 (H)*
Neoramichloridium Phook. et al. 2017
(H)*
Neoseptoria Quaedvl. et al. 2013 (C)*
Pallidocercospora Crous 2012 (H)*
Pantospora Cif. 1938 (H)
Paracercospora Deighton 1979 (H)
Parastenella J.C. David 1991 (H)
Passalora Fr. 1849 (H)
Periconiella Sacc. 1885 (H)
Phaeocercospora Crous 2012 (H)
Phaeophleospora Rangel 1916 (C)
Phaeothecoidea Crous 2007 (H)
Phloeospora Wallr. 1833 (C)
Polyphialoseptoria Quaedvl. et al. 2013
(C)*
Polythrincium Kunze 1817 (H)*
Protostegia Cooke 1880 (C)*
Pseudocercospora Speg. 1910 (H)
Pseudocercospora Deighton 1973 (H)
Pseudocercosporidium Deighton 1973 (H)
Ramularia Unger 1833 (H)
Ramulispora Miura 1920 (H)
Ruptoseptoria Quaedvl. et al. 2013 (C)*
Scolecotigmina U. Braun 1999 (H)
Septoria Sacc. 1884 (C)
Sonderhenia H.J. Swart & J. Walker 1988
(C)
Sphaerulina Sacc. 1878 (H)
Stromatoseptoria Quaedvl. et al. 2013
(C)*
Trochophora R.T. Moore 1955 (H)
Uwemyces Hern.-Restr. et al. 2016 (H)*

Xenoramularia Videira et al. 2016 (H)*
Zasmidium Fr. 1849 (H)
Zymoseptoria Quaedvl. & Crous 2011 (C)

Neodevriesiaceae Quaedvl. & Crous
Neodevriesia Quaedvl. & Crous 2014
(H)*
Tripaspermum Speg. 1918 (H)

Phaeothecoidiaceae K.D. Hyde &
Hongsanan*
Houjia G.Y. Sun & Crous 2010 (H)
Phaeothecoidiella Batzer & Crous 2010
(H)

Teratosphaeriaceae Crous & U. Braun
Acidomyces B.J. Baker et al. 2008 (H)
Acrodontium de Hoog 1972 (H)
Apenidiella Quaedvl. & Crous 2014 (H)*
Batcheloromyces Marasas et al. 1975 (H)
Baudoinia J.A. Scott & Unter. 2007 (H)
Bryochiton Döbblers & Poelt 1978 (H)*
Camarosporula Petr. 1954 (C)
Capnobotryella Sugiy. 1987 (H)
Catenulomyces Egidi & de Hoog 2014
(H)*
Catenulostroma Crous & U. Braun 2007
(H)
Constantinomyces Egidi & Onofri 2014
(H)*
Devriesia Seifert & N.L. Nick. 2004 (H)
Elasticomyces Zucconi & Selbmann 2008
(H)
Eupenidiella Quaedvl. & Crous 2014 (H)*
Fodinomyces Vázquez-Campos & Neilan
2014 (H)*
Friedmanniomyces Onofri 1999 (H)
Hispidoconidioma Tsuneda & Davey 2010
(H)
Hortaea Nishim. & Miyaji 1984 (H)
Hyweljonesia R.G. Shivas et al. 2016 (H)*
Incertomyces Egidi & Zucconi 2014 (H)*
Lapidomyces de Hoog & Stielow 2014
(H)*
Leptomelanconium Petr. 1923 (C)
Meristemomyces Isola & Onofri 2014 (H)*
Microcyclospora J. Frank et al. 2010 (H)
Monticola Selbmann & Egidi 2014 (H)*
Myrtapenidiella Quaedvl. & Crous 2014
(H)*
Neocatenulostroma Quaedvl. & Crous
2014 (H)*

Neophaeothecoidea Quaedvl. & Crous 2014 (H)*
Neotrimmatostroma Quaedvl. & Crous 2014 (H)*
Oleoguttula Selbmann & de Hoog 2014 (H)*
Parapenidiella Crous & Summerell 2012 (H)
Penidiella Crous & U. Braun 2007 (H)
Penidiellopsis Sandoval-Denis et al. 2016 (H)*
Phaeothecoidea Crous 2007 (H)
Pseudotaeniolina J.L. Crane & Schokn. 1986 (H)
Queenslandipenidiella Quaedvl. & Crous 2014 (H)*
Ramopenidiella Crous & R.G. Shivas 2014 (H)*
Readeriella Syd. & P. Syd. 1908 (C)
Recurvomyces Selbmann & de Hoog 2008 (H)
Stenella Syd. 1930 (H)
Teratoramularia Videira et al. 2016 (H)*
Teratosphaeria Syd. & P. Syd. 1912 (C)[#]
Xenoconiothyrium Crous & Marinc. 2011 (C)
Xenopenidiella Quaedvl. & Crous 2014 (H)*
Capnodiales, genera *incertae sedis*
Arthrocatena E. Egidi & L. Selbmann 2014 (H)*
Eriosporella Höhn. 1916 (C)*
Hyphoconis Egidi & Quaedvl. 2014 (H)*
Neohortaea Quaedvl. & Crous 2014 (H)*
Phaeotheca Sigler et al. 1981 (H)
Pseudoepicoccum M.B. Ellis 1971 (H)
Ramimonilia B. Stielow. & Quaedvl. 2014 (H)*
Readeriellopsis Crous & Decock 2015 (C)*
Septocytia Petr. 1927 (C)
Xenosonderhenia Crous 2012 (C)*
Dothideales Lindau
Dothideaceae Chevall.
Dothiora Fr. 1849 (C)[#]
Endoconidioma Tsuneda et al. 2004 (C)
Hormonema Lagerb. & Melin 1927 (H)
Kabatina R. Schneid. & Arx 1966 (C)
Neocylindroseptoria Thambug. & K.D. Hyde 2014 (C)*

Neophaeocryptopus Wanas. et al. 2016 (C)^{#*}
Rhizosphaera L. Mangin & Har. 1907 (C)
Sacchotheciaceae Bonord.
Aureobasidium Viala & G. Boyer 1891 (H)
Kabatiella Bubák 1907 (H)
Pseudoseptoria Speg. 1910 (C)
Sacchothecium Fr. 1836 (C)^{#*}
Selenophoma Maire 1907 (C)
Dothideales, genera *incertae sedis*
Celosporium Tsuneda & Davey 2010 (H)
Coniozyma Crous 2008 (C)
Myriangiales Starbäck
Elsinoaceae Höhn. ex Sacc. & Trotter
Elsinoë Racib. 1900 (C)[#]
Subclass Pleosporomycetidae C.L. Schoch et al.
Hysteriales Lindau
Hysteriaceae Chevall.
Coniosporium Link 1809 (H)
Gloniopsis De Not. 1847 with aposphaeria-like asexual morph (C)[#]
Hysterobrevium E. Boehm & C.L. Schoch 2010 with aposphaeria-like asexual morph (C)[#]
Rhytidhysterion Speg. 1881 (C)*
Mytilinidiales Boehm et al.
Gloniaceae (Corda) Boehm et al.
Cenococcum Moug. & Fr. 1829 (C)
Purpurepithecium Jayasiri & K.D. Hyde 2017 (H)^{#*}
Mytilinidiaceae Kirschst.
Septonema Corda 1837 (H)
Taeniolella S. Hughes 1958 (H)
Pleosporales Luttrell ex M.E. Barr
Acrocalymmateae Crous & Trakun.
Acrocalymma Alcorn & J.A.G. Irwin 1987 (C)
Amniculicolaceae. Zhang et al.
Amniculicola Y. Zhang ter & K.D. Hyde 2008 (H)[#]
Murispora Y. Zhang bis et al. 2009 (C)^{#*}
Vargamyces Tóth 1980 (H)

- Amorosiaceae** Thambug. & K.D. Hyde
Amorisia Mantle & D. Hawksw. 2006 (H)
Angustimassarina Thambug. et al. 2015 (H)*
- Aquasubmersaceae** A. Hashim. & Kaz. Tanaka
Aquasubmersa K.D. Hyde & Huang Zhang (C)*
- Bambusicolaceae** D.Q. Dai & K.D. Hyde
Bambusicola D.Q. Dai & K.D. Hyde 2012 (C)*
Palmiascoma Phook. & K.D. Hyde 2015 (C)*
- Biatriosporaceae** K.D. Hyde
Biatriospora K.D. Hyde & Borse 1986 (C)[#]
- Camarosporiaceae** Wanas. et al.
Camarosporium Schulzer 1870 (C)[#]
Camarosporomyces Crous 2017 (C)*
- Coniothyriaceae** W.B. Cooke
Coniothyrium Corda 1840 (C)
Staurosphaeria Rabenh. 1858 (C)*[#]
- Corynesporascaceae** Sivan.
Corynespora Güssow 1906 (H)
- Cryptocoryneaceae** A. Hashim. & Kaz. Tanaka
Cryptocoryneum Fuckel 1870 (H)*
- Cucurbitariaceae** G. Winter
Cucurbitaria Gray 1821 (C)*[#]
Neocucurbitaria Wanas. et al. 2017 (C)*[#]
Pyrenochaeta De Not. 1849 (C)
Pyrenochaetopsis Gruyter et al. 2010 (C)
Syncarpella Theiss. & Syd. 1915 (C)*[#]
- Cyclothyriellaceae** Jaklitsch & Voglmayr
Cyclothyriella Jaklitsch & Voglmayr 2016 (C)*[#]
- Dacampiaceae** Körb.
Munkovalsaria Aptroot 1995 (H)*[#]
- Dictyosporiaceae** Boonmee & K.D. Hyde
Cheirosorium L. Cai & K.D. Hyde 2008 (H)
Dendryphiella Bubák & Ranoj. 1914 (H)*
- Dictyocheirospora* D'souza et al. 2016 (H)*
Dictyopalmispora Pinruan et al. 2016 (H)*
Dictyosporium Corda 1836 (H)*
Digitodesmium P.M. Kirk 1981 (H)*
Jalapriya D'souza et al 2016 (H)*
Pseudocoleophoma Kaz. Tanaka & K. Hiray. 2015 (C)*[#]
Pseudodictyosporium Matsush. 1971 (H)
Vikalpa D'souza et al 2016 (H)*
- Didymellaceae** Gruyter et al.
Allophoma Q. Chen & L. Cai 2015 (C)*
Ascochyta Lib. 1830 (C)*[#]
Boeremia Aveskamp et al. 2010 (C)*[#]
Calophoma Q. Chen & L. Cai 2015 (C)*
Chaetasbolisia Speg. 1918 (C)
Dactuliochaeta G.L. Hartm. & J.B. Sinclair 1988 (C)
Didymellocamarosporium Wijayaw. & K.D. Hyde 2016 (C)*
Didysimulans Tibpromma et al. 2017 (H)*[#]
Endocoryneum Petr. 1922 (C)*
Epicoccum Link 1815 (H)
Heterophoma Q. Chen & L. Cai 2015 (C)*
Leptosphaerulina McAlpine 1902 (H)[#]
Neoascochyta Q. Chen & L. Cai 2015 (C)*[#]
Neodidymelliopsis Q. Chen & L. Cai 2015 (C)*[#]
Neomicrosphaeropsis Thambug. et al. 2016 (C)*
Nothophoma Q. Chen & L. Cai 2015 (C)*
Paraboeremia Q. Chen & L. Cai 2015 (C)*[#]
Peyronellaea Gold. ex Togliani 1952 (C)[#]
Phaeomycocentrospora Crous et al. 2012 (H)*
Phoma Sacc. 1880 (C)
Phomatodes Q. Chen & L. Cai 2015 (C)*
Platychora Petr. 1925 (C)*[#]
Pseudoascochyta Valenzuela-Lopez et al. 2016 (C)*
Pseudohendersonia Crous & M.E. Palm 1999 (C)*
Stagonosporopsis Died. 1912 (C)*[#]
Xenodidymella Q. Chen & L. Cai 2015 (C)*[#]
- Didymosphaeriaceae** Munk
Alloconiothyrium Verkley et al. 2014 (C)*

Austropleospora R.G. Shivas & L. Morin 2010 (C)^{#*}
Kalmusia Niessl 1872 (C)^{#*}
Paracamarosporium Wijayaw. et al. 2014 (C)^{*}
Paraconiothyrium Verkley 2004 (C)
Paraphaeosphaeria O.E. Erikss. 1967 (C)[#]
Pseudocamarosporium Wijayaw. & K.D. Hyde 2014 (C)^{*}
Pseudopithomyces Ariyaw. & K.D. Hyde 2015 (H)^{*}
Verrucoconiothyrium Crous 2015 (C)^{*}
Xenocamarosporium Crous & M.J. Wingf. 2015 (C)^{*}

Fuscostagonosporaceae Jayasiri et al.^{*}
Fuscostagonospora Kaz. Tanaka & K. Hiray. 2015 (C)^{*}

Hermatomycetaceae Locq. ex A. Hashim. & Kaz. Tanaka
Hermatomyces Speg. 1910 (H)^{*}

Hypsostromataceae Huhndorf
Hypsostroma Huhndorf (C)^{#*}

Latoruaceae Crous
Latorua Crous 2015 (H)^{*}
Matsushimomyces Rahul Sharma & Rohit Sharma 2015 (H)^{*}
Pseudoasteromassaria M. Matsum. & Kaz. Tanaka 2016 (C)^{#*}

Lentitheciaceae Yin. Zhang et al.
Lentithecium K.D. Hyde et al. 2009 (C)^{#*}
Murilentithecium Wanas. et al. 2014 (C)^{#*}
Phragmocamarosporium Wijayaw. et al. 2015 (C)^{*}
Pleurophoma Höhn. 1914 (C)^{*}
Setoseptoria Quaedvl. 2013 (C)^{*}
Towyspora Wanas. et al. 2016 (C)^{#*}

Leptosphaeriaceae M.E. Barr
Acicuseptoria Quaedvl. et al. 2013 (C)^{*}
Alternariaster E.G. Simmons 2007 (H)^{*}
Chaetoplea (Sacc.) Clem. 1931 (C)[#]
Heterosporicola Crous 2017 (C)^{*}
Leptosphaeria Ces. & De Not. 1863 (C)^{#*}
Paraleptosphaeria Gruyter et al. 2012 (C)^{#*}
Plenodorus Preuss 1851 (C)^{*}
Querciphoma Crous 2017 (C)^{*}

Sphaerellopsis Cooke 1883 (C)
Subplenodorus Gruyter et al. 2012 (C)^{*}

Libertasomycetaceae Crous^{*}
Libertasomyces Crous & Roets 2016 (C)^{*}
Neoplatysporoides Crous & M.J. Wingf. 2015 (C)^{#*}

Lindgomycetaceae K. Hiray. et al.
Clohesyomyces K.D. Hyde 1993 (C)
Lolia Abdel-Aziz & Abdel-Wahab 2010 (C)

Longipedicellataceae Phukhams. et al.
Longipedicellata H. Zhang et al. 2016 (H)[#]

Lophiostomataceae Sacc.
Coelodictyosporium Thambug. & K.D. Hyde 2015 (C)^{#*}
Dimorphiopsis Crous 2013 (C)^{*}
Lophiostoma Ces. & De Not. 1863 (C)^{#*}

Lophiotremataceae K. Hiray. & Kaz. Tanaka
Atrocalyx A. Hashim. & Kaz. Tanaka 2017 (C)^{#*}
Crassimassarina A. Hashim. & Kaz. Tanaka 2017 (C)^{#*}
Cryptoclypeus A. Hashim. & Kaz. Tanaka 2017 (C)^{#*}
Galeaticarpa A. Hashim. & Kaz. Tanaka 2017 (C)^{#*}
Pseudocryptoclypeus A. Hashim. & Kaz. Tanaka 2017 (C)^{#*}

Macrodiplodiopsidaceae Voglmayr et al.
Macrodiplodiopsis Petr. 1922 (C)^{#*}
Pseudomonodictys Doilom et al. 2015 (H)^{*}

Massarinaceae Munk
Helminthosporiella Hern.-Restr. et al. 2016 (H)^{*}
Helminthosporium Link 1809 (H)^{#*}
Pseudodidymosphaeria Thambug. & K.D. Hyde 2015 (C)^{#*}
Pseudosplanchnonema Chethana et al. 2015 (C)^{#*}
Stagonospora (Sacc.) Sacc. 1884 (C)
Suttonomyces Wijayaw. et al. 2015 (C)^{*}

Melanommataceae G. Winter

- Aposphaeria* Sacc. 1880 (C)*
Beverwykella Tubaki 1975 (H)
Exosporiella P. Karst. 1892 (H)[#]
Fusiconidium J.F. Li et al. 2017 (H)*
Melanocamarosporium Wijayaw. et al. 2016 (C)*
Melanomma Nitschke ex Fuckel 1870 (C)^{#*}
Phragmocephala E.W. Mason & S. Hughes 1951 (H)
Pleotrichocladium Hern.-Restr. et al. 2017 (H)*
Pseudotrichia Kirschst. 1939 (C)^{#*}
Seifertia Partr. & Morgan-Jones 2002 (H)*
Sporidesmiella P.M. Kirk 1982 (H)
- Microsphaeropsidaceae** Q. Chen et al.
Microsphaeropsis Höhn. 1917 (C)*
- Neocamarosporiaceae** Wanas. et al.*
Neocamarosporium Crous & M.J. Wingf. 2014 (C)*
- Neohendersoniaceae** Giraldo & Crous
Neohendersonia Petr. 1921 (C)
- Neophaeosphaeriaceae** Ariyaw. et al.
Neophaeosphaeria M.P.S. Câmara et al. 2003 (C)[#]
- Nigrogranaceae** Jaklitsch & Voglmayr
Nigrograna Gruyter et al. 2012 (C)[#]
- Occultibambusaceae** D.Q. Dai & K.D. Hyde
Occultibambusa D.Q. Dai & K.D. Hyde 2016 (C)^{#*}
Seriascoma Phook. et al. 2016 (C)^{#*}
Versicolorisporium Sat. Hatak. et al. 2008 (C)
- Ohleriaceae** Jaklitsch & Voglmayr
Ohleria Fuckel. 1868 (C)[#]
- Parabambusicolaceae** Kaz. Tanaka & K. Hiray.
Parabambusicola Kaz. Tanaka & K. Hiray. 2015 (H)^{#*}
- Paradictyoarthrinaceae** Doilom et al.
Paradictyoarthrinium Matsush. 1996 (H)*
- Periconiaceae** (Sacc.) Nann.
- Periconia* Tode 1791 (H)
- Phaeosphaeriaceae** M.E. Barr
Allophaeosphaeria Ariyaw. et al. 2015 (C)^{#*}
Amarenographium O.E. Erikss. 1982 (C)[#]
Ampelomyces Ces. ex Schltdl. 1852 (C)
Banksiophoma Crous 2017 (C)*
Camarosporioides W.J. Li & K.D. Hyde 2016 (C)*
Chaetosphaeronema Moesz 1915 (C)
Mauginiella Cavara 1925 (H)
Melnikia Wijayaw. et al. 2016 (C)*
Muriphaeosphaeria Phukhams. et al. 2016 (C)^{#*}
Neosetophoma Gruyter et al. 2010 (C)
Neosphaerellopsis Crous & Trakun. 2014 (C)*
Neostagonospora Quaedvl. et al. 2013 (C)*
Neosulcatispora Crous & M.J. Wingf. 2015 (C)*
Paraphoma Morgan-Jones & J.F. White 1983 (C)
Parastagonospora Quaedvl. et al. 2013 (C)*
Phaeopoacea Thambug. et al. 2017 (C)^{#*}
Phaeosphaeria I. Miyake 1909 (C)[#]
Phaeosphaeriopsis M.P.S. Câmara et al. 2003 (C)[#]
Phaeostagonospora A.W. Ramaley 1997 (C)
Pleoseptum A.W. Ramaley & M.E. Barr 1995 (C)[#]
Poaceicola W.J. Li et al. 2015 (C)^{#*}
Sclerostagonospora Höhn. 1917 (C)
Scolicosporium Lib. ex Roum. 1880 (C)
Septoriella Oudem. 1889 (C)*
Setophoma Gruyter et al. 2010 (C)
Tiarospora Sacc. & Marchal 1885 (C)
Vrystaatia Quaedvl. et al. 2013 (C)*
Wojnowiciella Crous et al. 2015 (C)*
Xenoseptoria Quaedvl. et al. 2013 (C)*
- Pleomassariaceae** M.E. Barr
Myxocyclus Riess 1852 asexual morph of *Splanchnonema sensu lato* (C)
Prosthemia Kunze 1817 (C)[#]
- Pleomonodictydaceae** Hern.-Restr. et al.
Pleomonodictys Hern.-Restr. et al. 2017 (H)*

Pleosporaceae Nitschke

Alternaria Nees 1816 (H)[#]

Bipolaris Shoemaker 1959 (H)[#]

Clathrospora Rabenh. 1857 (H)^{#*}

Curvularia Boedijn 1933 (H)[#]

Edenia M.C. González et al. 2007 (H)

Exserohilum K.J. Leonard & Suggs 1974 (H)[#]

Johncornia Y.P. Tan & R.G. Shivas 2014 (H)^{*}

Mariellottia Shoemaker 1999 (H)

Paradendryphiella Woudenberg & Crous 2013 (H)^{*}

Porocercospora Amaradasa et al. 2014 (H)^{*}

Pithomyces Berk. & Broome 1875 (H)

Pyrenophora Fr. 1849 (H)[#]

Stemphylium Wallr. 1833 (H)[#]

Tamaricicola Thambug. et al. 2016 (C)^{#*}

Pseudocoleodictyosporaceae Doilom & K.D. Hyde

Pseudocoleodictyospora Doilom & K.D. Hyde 2016 (H)^{*}

Pseudodidymellaceae A. Hashim. & Kaz. Tanaka

Petrakia Syd. & P. Syd. 1913 (H)^{#*}

Pseudodidymella C.Z. Wei et al. 1997 (H)[#]

Xenostigmina Crous 1998 (H)^{*}

Roussoellaceae J.K. Liu et al.

Cytoplea Bizz. & Sacc. 1885 (C)

Immotthia M.E. Barr 1987 (C)^{#*}

Roussoella Sacc. 1888 (C)^{#*}

Roussoellopsis I. Hino & Katum. 1965 (C)^{#*}

Sporormiaceae Munk

Forliomyces Phukhams. et al. 2016 (C)^{*}

Westerdykella Stolk 1955 (C)[#]

Sparticola Phukhams. et al. 2016 (H)^{#*}

Sulcatisporaceae Kaz. Tanaka & K. Hiray.

Magnicamarosporium Kaz. Tanaka & K. Hiray. 2015 (C)^{*}

Neobambusicola Crous & M.J. Wingf. 2014 (C)^{*}

Sulcatispora Kaz. Tanaka & K. Hiray. 2015 (C)^{#*}

Teichosporaceae M.E. Barr

Magnibotryascoma Thambug. & K.D. Hyde 2015 (C)^{*}

Paulkirkia Wijayaw. et al. 2016 (C)^{*}

Teichospora Fuckel 1870 (C)[#]

Tetraplosphaeriaceae Kaz. Tanaka & K. Hiray

Polyplosphaeria Kaz. Tanaka & K. Hiray. 2009 (H)[#]

Pseudotetraploa Kaz. et al. 2009 (H)

Quadricrura Kaz. Tanaka et al. 2009 (H)

Shrungabeeja V.G. Rao & K.A. Reddy 1981 (H)^{*}

Tetraploa Berk. & Broome 1850 (H)[#]

Torulaceae Corda^{*}

Dendryphon Wallr. 1833 (H)^{*}

Neotorula Ariyaw. et al. 2016 (H)^{*}

Sporidesmioides J.F. Li et al. 2016 (H)^{*}

Torula Pers. 1795 (H)

Trematosphaeriaceae K.D. Hyde et al.

Medicopsis Gruyter et al. 2012 (C)^{*}

Trematosphaeria Fuckel 1870 (C)^{#*}

Zopfiaceae G. Arnaud ex D. Hawksw. 1992

Zopfia Rabenh. 1874 (H)[#]

Pleosporales, genera *incertae sedis*

Aegeanispora E.B.G. Jones & Abdel-Wahab 2017 (C)^{*}

Antealophiotrema A. Hashim. & Kaz. Tanaka 2017 (H)^{#*}

Bactrodesmium Cooke 1883 (H)^{*}

Bahusandhika Subram. 1956 (H)

Berkleasmium Zobel 1854 (H)

Briansuttonia R.F. Castañeda et al. 2004 (H)

Camarographium Bubák 1916 (C)

Cerebella Ces. 1851 (H)

Chaetodiplodia P. Karst. 1884 (C)

Chaetophoma Cooke 1878 (C)

Cheiromoniliophora Tzean & J.L. Chen 1990 (H)

Cyclothyrium Petr. 1923 (C)

Dokmaia I. Promputtha 2003 (H)^{*}

Foliophoma Crous 2017 (C)^{*}

Fusculina Crous & Summerell 2006 (C)

Gordonomyces Crous & Marinc. 2011 (C)

Megacapitula J.L. Chen & Tzean 1993 (H)^{*}

Mycocentrospora Deighton 1972 (H)

Noosia Crous et al. 2011 (H)

Ochrocladosporium Crous & U. Braun 2007 (H)
Paraepicoccum Matsush. 1993 (H)*
Parameliola Hongsan et al. 2016 (H)*
Perthomyces Crous 2017 (C)*
Phialophorophoma Linder 1944 (C)
Pleiochaeta (Sacc.) S. Hughes 1951 (H)
Polyschema H.P. Upadhyay 1966 (H)
Pseudochaetosphaeronema Punith. 1979 (C)
Pseudopassalora Crous 2011 (H)
Pseudoxylomyces Kaz. Tanaka & K. Hiray. 2015 (H)*
Repetophragma Subram. 1992 (H)
Rutola J.L. Crane & Schokn. 1978 (H)*
Scolecobasidium E.V. Abbott 1927 (H)
Scleroramularia Batzer & Crous 2011 (H)
Setophaeosphaeria Crous & Y. Zhang 2014 (C)*
Sirodesmium De Not. 1849 (C)
Spiroplana Voglmayr et al. 2011 (H)
Thyrostroma Höhn. 1911 (H)

Pleosporomycetidae, genera *incertae sedis*
Acrogenospora M.B. Ellis 1971 (H)[#]

Dothideomycetes orders *incertae sedis*
Acrospermales Minter et al.
Acrospermaceae Fuckel
Acrosporum Tode 1783 with dactylaria-like asexual morph (H)[#]
Gonatophragmium Deighton 1969 (H)

Acrospermales genera *incertae sedis*
Paramycoleptodiscus Crous & M.J. Wingf. 2016 (C)*

Asterinales M.E. Barr ex D. Hawksw. & O.E. Erikss.

Asterinaceae Hansf.
Blastacervulus H.J. Swart 1988 (C)
Discopycnothyrium Hongsan et al. & K.D. Hyde 2017 (C)*
Eupelte Syd. 1924 (H)^{**}
Pirozynskiella S. Hughes 2007 (H)
Prillieuxina G. Arnaud 1918 (C)^{**}
Uleothyrium Petr. 1929 (C)^{**}

Botryosphaeriales C.L. Schoch et al.
Aplosporellaceae Slippers et al.
Aplosporella Speg. 1880 (C)

Botryosphaeriaceae Theiss. & H. Syd.
Alanphillipsia Crous & M.J. Wingf. 2013 (C)*
Barriopsis A.J.L. Phillips et al. 2008 (C)
Botryosphaeria Ces. & De Not. 1863 (C)^{**}
Cophinforma Doilom et al. 2012 (C)[#]
Diplodia Fr. 1834 (C)[#]
Dothiorella Sacc. 1880 (C)
Endomelanconiopsis E.I. Rojas & Samuels 2008 (C)
Eutiarosporella Crous 2015 (C)^{**}
Lasiodiplodia Ellis & Everh. 1896 (C)
Macrophomina Petr. 1923 (C)
Marasasiomyces Crous 2015 (C)*
Microdiplodia Allesch. 1901 (C)
Mucoharknessia Crous et al. 2015 (C)*
Neodeightonia C. Booth 1970 (C)^{**}
Neofusicoccum Crous et al. 2006 (C)
Phaeobotryon Theiss. & Syd. 1915 (C)[#]
Sakireeta Subram. & K. Ramakr. 1957 (C)*
Sardiniella Linaldeddu et al. 2016 (C)*
Spencermartinsia A.J.L. Phillips et al. 2008 (C)[#]
Sphaeropsis Sacc. 1880 (C)[#]
Tiarosporella Höhn. 1919 (C)

Planistromellaceae M.E. Barr
Comminutispora A.W. Ramaley 1996 (H)[#]
Kellermania Ellis & Everh. 1885 (C)[#]
Microcyclus Sacc. et al. 1904 with aposphaeria-like asexual morph (C)[#]
Umthunziomyces Crous & M.J. Wingf. 2016 (C)*

Saccharataceae Slippers et al.
Neoseptorioides Crous et al. 2015 (C)*
Saccharata Denman & Crous 2004 (C)[#]

Septorioideaceae Wyka & Broders
Septorioides Quaedvl. et al. 2013 (C)*

Collemopsidiales Pérez-Ortega
Xanthopyreniaceae Zahlbr.
Collemopsidium Nyl. 1881 (C)

Jahnulales Pang et al.
Aliquandostipitaceae Inderbitzin
Brachiosphaera Nawawi 1976 (H)
Xylomyces Goos et al. 1977 (H)

Kirschsteiniotheliales Hern.-Restr. et al.

Kirschsteinietheliaceae S. Boonmee & K.D. Hyde*

Kirschsteiniethelia D. Hawksw. 1985 (H)*

Solicorynespora R.F. Castañeda & W.B. Kendr. 1990 (H)

Kirschsteinietheliales genera incertae sedis

Brachysporiella Bat. 1952 (H)*

Lichenoconiales Diederich et al.

Lichenconiaceae Diederich & Lawrey

Lichenonium Petr. & Syd. 1927 (C)

Microthyriales G. Arnaud

Micropeltidaceae Clem. & Shear

Heliocephala V.G. Rao et al. 1984 (H)

Stomiopeltis Theiss. 1914 (as *Akaropeltella* M.L. Farr 1972) with sporidesmium-like asexual morph (H)*

Microthyriaceae Sacc.

Asterinella Theiss. 1912 with asteromella-like asexual morph (C)*

Hansfordiella S. Hughes 1951 (H)

Leptothyrium Kunze 1823 (C)

Microthyriales genera incertae sedis

Neoscolecobasidium Crous 2016 (H)*

Stigmatodiscales Voglmayr & Jaklitsch

Stigmatodiscaceae Voglmayr & Jaklitsch

Asterodiscus Voglmayr et al. 2016 (C)*

Stigmatodiscus Voglmayr & Jaklitsch 2016 (C)*

Valsariales Jaklitsch et al.

Valsariaceae Jaklitsch et al.

Valsaria Ces. & De Not. 1863 (C)*

Venturiales Yin. Zhang et al.

Venturiaceae E. Müll. & Arx ex M.E. Barr

Apiosporina Höhn. 1910 with cladosporium-like asexual morph (H)*

Dictyodochium Sivan. 1984 (H)

Fusicladosporium Partr. & Morgan-Jones 2003 (H)

Magnohelicospora R.F. Castañeda et al. 2013 (H)*

Protoventuria Berl. & Sacc. 1887 (H)*

Spilocaea Fr. 1819 (C)

Sympoventuriaceae Yin. Zhang et al.

Acroconidiellina (Berk. & Broome) M.B. Ellis 1971 (H)*

Fusicladium Bonord. 1851 (H)

Mycosisymbrium Carris 1994 (H)

Ochroconis de Hoog & Arx 1974 (H)*

Sympoventuria Crous & Seifert with sympodiella-like asexual morph of (H)*

Veronaepsis Arzanlou & Crous 2007 (H)

Verruconis Samerp. et al. 2014 (H)*

Venturiales genera incertae sedis

Cylindrosympodioides Crous & M.J. Wingf. 2016 (H)*

Cylindrosympodium W.B. Kendr. & R.F. Castañeda 1990 (H)

Superstratomyces van Nieuwenhuijzen et al.

Superstratomycetaceae van Nieuwenhuijzen et al.

Superstratomyces van Nieuwenhuijzen et al. 2017 (C)*

Tubeufiales Boonmee & K.D. Hyde*

Tubeufiaceae M.E. Barr

Acanthohelicospora Boonmee & K.D. Hyde 2014 (H)*

Aquaphila Goh et al. 1998 (H)

Chlamydotubeufia Boonmee & K.D. Hyde 2011 (H)*

Dictyospora Brahamanage et al. 2017 (H)*

Helicangiospora Boonmee et al. 2014 (H)*

Helicoma Corda 1837 (H)

Helicomycetes Link 1809 (H)

Helicosporium Nees 1816 (H)*

Manoharachariella Bagyan. et al. 2009 (H)

Moorella P. Rag. Rao & D. Rao 1964 (H)

Muripulchra Z.L. Luo et al. 2017 (H)*

Neoacanthostigma Boonmee et al. 2014 (H)*

Neohelicomyces Z.L. Luo et al. 2017 (H)*

Paranectriella (P. Henn. & Sacc.) Höhn. 1910 (H)*

Tamhinispora K.C. Rajeshk. & Rahul Sharma 2013 (H)*

Tubeufia Penz. & Sacc. 1898 (H)*

Wiesneriomycetaceae Suetrong et al.*

- Parawiesneriomyces* Crous & M.J. Wingf. 2016 (H)*
- Pseudogliophragma* Phadke & V.G. Rao 1980 (H)
- Wiesneriomyces* Koord. 1907 (H)*
- Zeloasperisporiales** Hongsanan & K.D. Hyde
- Zeloasperisporiaceae** Crous
- Zeloasperisporium* R.F. Castañeda 1996 (H)*
- Dothideomycetes**, families *incertae sedis*
- Ascoporiaceae** Kutorga & D. Hawksw.
- Pseudosolidum* Lloyd 1923 with plectophomella-like asexual morph (H)[#]
- Englerulaceae** Henn.
- Capnodiastrum* Speg. 1886 (C)
- Digitosarcinella* S. Hughes 1984 (H)
- Sarcinella* Sacc. 1880 (H)[#]
- Eremomycetaceae** Malloch & Cain
- Arthrographis* G. Cochet ex Sigler & J.W. Carmich. 1976 (H)
- Homortomycetaceae** Thambug. et al.
- Homortomyces* Crous & M.J. Wingf. 2012 (C)
- Leptopeltidaceae** Höhn. ex Trotter
- Leptopeltis* Höhn. 1917 with leptothyrium-like asexual morph (C)[#]
- Paranectriellaceae** S. Boonmee & K.D. Hyde
- Araneomyces* Höhn. 1909 (H)[#]
- Puttemansia* Henn. 1902 (H)[#]
- Perisporiopsidaceae** E. Müll. & Arx ex R. Kirschner & T.A. Hofm.
- Neoparodia* Petr. & Cif. 1932 with sarcinella-like asexual morph (H)[#]
- Schizothyriaceae** Höhn. ex Trotter et al.
- Zygophiala* E.W. Mason 1945 (H)
- Vizellaceae** H.J. Swart
- Blasdalea* Sacc. & P. Syd. 1902 (C)[#]
- Licopolia* Sacc. et al. 1900 (C)^{#*}
- Dothideomycetes**, genera *incertae sedis*
- Acanthorus* Bat. & Cavalc. 1967 (C)
- Ampullifera* Deighton 1960 (H)
- Anguillosporella* U. Braun 1995 (H)
- Arxiella* Papendorf 1967 (H)
- Asterodothis* Theiss. 1912 (C)[#]
- Asteromella* Pass. & Thüm. 1880 (C)
- Bahusakala* Subram. 1958 (H)
- Botryohypoxylon* Samuels & J.D. Rogers 1986 (C)[#]
- Brachyconidiella* R.F. Castañeda & W.B. Kendr. 1990 (H)
- Brooksia* Hansf. 1956 (H)[#]
- Ceratophoma* Höhn. 1917 (C)
- Chaetosticta* Petr. & Syd. 1925 (C)
- Chionomyces* Deighton & Piroz. 1972 (H)
- Chuppia* Deighton 1965 (H)
- Cladoriella* Crous 2006 (H)
- Clavariopsis* De Wild. 1895 (H)
- Cryomyces* Selbmann et al. 2005 (H)*
- Cyclopeltella* Petr. 1953 (C)[#]
- Dactuliophora* C.L. Leakey 1964 (H)
- Dilophospora* Desm. 1840 (C)
- Dothichiza* Lib. ex Roum. 1880 (C)
- Endosporium* Tsuneda 2008 (H)
- Eriomycopsis* Speg. 1910 (H)
- Eriothyrium* Speg. 1888 (C)
- Excipulariopsis* P.M. Kirk & Spooner 1982 (H)[#]
- Funbolia* Crous & Seifert 2011 (H)
- Fusicladiella* Höhn. 1919 (H)
- Gibbago* E.G. Simmons 1986 (H)
- Hansfordiellopsis* Deighton 1960 (H)
- Heptaster* Cif. et al. 1956 (H)
- Heteroconium* Petr. 1949 (H)
- Hobsoniopsis* D. Hawksw. 2001 (H)
- Hormiokrypsis* Bat. & Nascim. 1957 (H)
- Kabatia* Bubák 1904 (C)
- Krishnamyces* Hosag. 2003 (C)
- Lignosphaeria* Boonmee et al. 2015 (C)^{#*}
- Manginula* G. Arnaud 1918 (C)
- Monodictys* S. Hughes 1958 (H)
- Neodactylaria* Guevara-Suarez et al. 2017 (H)*
- Neoovularia* U. Braun 1992 (H)
- Neoramularia* U. Braun 1991 (H)
- Neosporidesmium* Mercado & J. Mena 1988 (H)
- Neottiosporina* Subram. 1961 (C)
- Oncopodiella* G. Arnaud ex Rifai 1965 (H)
- Ophiotrichum* Kunze 1849 (H)
- Pazschkeella* Syd. & P. Syd. 1901 (C)
- Peltaster* Syd. & P. Syd. 1917 (C)
- Peltasterella* Bat. & H. Maia 1959 (C)
- Pendulispora* M.B. Ellis 1961 (H)

Perusta Egidi & Stielow 2014 (H)*
Phaeoramularia Munt.-Cvetk. 1960 (H)
Phaeosclera Sigler et al. 1981 (H)
Phanerococculus Cif. 1954 (C)
Pirozynskia Subram. 1972 (H)
Placosphaeria (De Not.) Sacc. 1880 (C)
Plectopycnis Bat. & A.F. Vital 1959 (C)
Plenotrichaius Bat. & Valle 1961 (C)
Podoplaconema Petr. 1921 (C)
Prathoda Subram. 1956 (H)
Proliferosphaera T.P. Devi 2012 (C)*
Pseudodidymella C.Z. Wei et al. 1997 (H)[#]
Pseudorobillarda M. Morelet 1968 (C)
Pseudovirgaria H.D. Shin et al. 2007 (H)
Quasiphloeospora B. Sutton et al. 1996 (H)
Radulidium Arzanlou et al. 2007 (H)
Ramulariopsis Speg. 1910 (H)
Rhabdospora (Durieu & Mont. ex Sacc.)
 Sacc. 1884 (C)
Rupestriomyces Lei Su et al. 2015 (H)*
Sarcinomyces Lindner 1898 (H)
Saxomyces L. Selbmann & D. Isola 2014
 (H)*
Scleroconidioma Tsuneda et al. 2000 (H)
Scolecocyphium Cif. & Bat. 1956 (C)
Septoidium G. Arnaud 1921 (H)
Shearia Petr. 1924 (C)
Shivamyces Hosag. 2004 (H)
Sirosporium Bubák & Serebrian. 1912 (H)
Soloacrosporiella Crous & M.J. Wingf.
 2015 (H)*
Speiropsis Tubaki 1958 (H)
Spermatoloncha Speg. 1908 (H)
Spissomyces Lei Su et al. 2015 (H)*
Sporidesmajora Batzer & Crous 2010 (H)
Tetracrium Henn. 1902 (H)
Torulopsiella Bender 1932 (H)
Tretospora M.B. Ellis 1976 (H)
Troposporella P. Karst. 1892 (H)
Verrucisporota D.E. Shaw & Alcorn 1993
 (H)
Vouauxiomyces Dyko & D. Hawks. 1979
 (C)
Xenophacidiella Crous 2011 (H)
Xenosporium Penz. & Sacc. 1901 (H)
Yoshinagaia Henn. 1904 (C)

Class Eurotiomycetes Tehler ex O.E. Eriksson
 & K. Winka

Subclass Chaetothyriomycetidae Doweld

Chaetothyriales M.E. Barr

Chaetothyriaceae Hansf. ex M.E. Barr

Aphanophora Réblová & Unter. 2013 (H)*
Camptophora Réblová & Unter. 2013 (H)*
Ceramothyrium Bat. & H. Maia 1956 (H)[#]
Cyphellophoriella Crous & A. J. Smith
 2015 (H)*
Vonarxia Bat. 1960 (H)

Coccodiniaceae Höhn. ex O.E. Erikss.

Microxiphium (Harv. ex Berk. & Desm.)
 Thüm. 1879 (H)[#]

Cyphellophoraceae Réblová & Unter.

Cyphellophora G.A. de Vries 1962 (H)*

Herpotrichiellaceae Munk

Cladophialophora Borelli 1980 (H)

Exophiala J.W. Carmich. 1966 (H)

Fonsecaea Negroni 1936 (H)

Melanoctona Qing Tian et al. 2016 (H)^{#*}

Metulocladosporiella Crous et al. 2006 (H)

Minimelanolocus R.F. Castañeda &
 Heredia 2001 (H)*

Nadsoniella Issatsch. 1914 (H)

Phialophora Medlar 1915 (H)

Rhinocladiella Nannf. 1934 (H)

Sorocybe Fr. 1849 (H)

Thysanorea Arzanlou et al. 2007 (H)

Veronaea Cif. & Montemart. 1957 (H)

Lyrommataceae Lücking

Lyromma Bat. & H. Maia 1965 (C)

Strelitzianaceae Crous & M.J. Wingf.

Neophaeococcomyces Crous & M.J.
 Wingf. 2015 (H)*

Strelitziana Arzanlou & Crous 2006 (H)*

Trichomeriaceae Chomnunti & K.D. Hyde

Arthrocladium Papendorf 1969 (H)*

Bradomyces Hubka et al. 2014 (Y)*

Brycekendrickomyces Crous & M.J.
 Wingf. 2009 (H)

Knufia L.J. Hutchison & Unter. 1996 (H)

Lithohypha Selbmann & Isola 2017 (H)*

Chaetothyriales, genera *incertae sedis*

Atrokyliindriopsis Y.R. Ma & X.G. Zhang
 2015 (H)*

Lichenodiplis Dyko & D. Hawksw. 1979
 (C)

Melnikomyces Crous & U. Braun 2014
 (H)*

Neostrelitziana Crous & M.J. Wingf. 2015 (H)*
Paracladophialophora Crous 2016 (H)*
Uncispora R.C. Sinclair & Morgan-Jones 1979 (H)

Phaeomoniellales K.H. Chen et al.

Phaeomoniellaceae P.M. Kirk

Aequabiliella Crous 2015 (C)*

Celerioriella Crous 2015 (H)*

Minutiella Crous 2015 (H)*

Neophaeomoniella Rooney-Latham & Crous 2015 (C)*

Paraphaeomoniella Crous 2015 (C)*

Phaeomoniella Crous & W. Gams 2000

(H)

Pseudophaeomoniella Nigro et al. 2015 (C)*

Xenocylindrosporium Crous & Verkley 2009 (C)

Chaetothyriomycetidae, genera *incertae sedis*

Dolabra C. Booth & W.P. Ting 1964 with rhabdospora-like asexual morph (C) #

Subclass Eurotiomycetidae Geiser & Lutzoni

Arachnomycetales Gibas et al.

Arachnomycetaceae Gibas et al.

Onychocola Sigler 1990 (H)

Eurotiales G.W. Martin ex Benny & Kimbr.

Aspergillaceae Link

Aspergillus P. Micheli ex Link 1809 (H) #

Hamigera Stolk & Samson 1971 (H) #

Penicillium Link 1809 (H) #

Phialomyces P.C. Misra & P.H.B. Talbot 1964 (H)

Monascaceae J. Schröt.

Fraseriella Cif. & A.M. Corte 1957 (H)

Monascus Tiegh. 1884 (H) #

Thermoascaceae Apinis

Paecilomyces Bainier 1907 (H) #*

Trichocomaceae E. Fisch.

Sagenomella W. Gams 1978 (H)

Talaromyces C.R. Benj. 1955 (H) #

Thermomyces Tsikl. 1899 (H)

Onygenales Cif. ex Benny & Kimbr.

Ajellomycetaceae Untereiner et al.

Blastomyces Gilchrist & W.R. Stokes 1898 (H)

Histoplasma Darling 1906 (H)

Paracoccidioides F.P. Almeida 1930 (H)

Arthrodermataceae Currah

Microsporium Gruby 1843 (H)

Trichophyton Malmsten 1848 (H)

Ascosphaeraceae L.S. Olive & Spiltoir

Ascosphaera L.S. Olive & Spiltoir 1955 with chrysosporium-like asexual morph (H) #

Bettsia Skou 1972 with chrysosporium-like asexual morph (H) #

Gymnoascaceae Baran.

Oncocladium Wallr. 1833 (H)

Oromyces B. Sur & G.R. Ghosh 1987 with chrysosporium-like asexual morph (H) #

Nannizziopsidaceae Guarro et al.

Nannizziopsis Currah 1985 (H) #

Onygenaceae Berk.

Chrysosporium Corda 1833 (H)

Coccidioides G.W. Stiles 1896 (H)

Malbranchea Sacc. 1882 (H)

Myriodontium Samson & Polon. 1978 (H)

Ophidiomyces Sigler et al. 2013 (H)*

Paranannizziopsis Sigler et al. 2013 (H)*

Sporendonema Desm. 1827 (H)

Spiromastigaceae Hirooka et al.

Sigleria Hirooka et al. 2016 (H)*

Spiromastix Kuehn & G.F. Orr 1962 (H) #

Onygenales, genera *incertae sedis*

Arthrospis Sigler et al. 1982 (H)

Lacazia Tabora et al. 1999 (H)

Sphaerosporium Schwein. 1832 (H)

Subclass Mycocaliciomycetidae Tibell

Mycocaliciales Tibell & Wedin

Mycocaliciaceae A.F.W. Schmid

Chaenothecopsis Vain. 1927 (H) #

Mycocalicium Vain. ex Reinke 1890 (H) #*

Eurotiomycetes, genera *incertae sedis*

Cirrosporium S. Hughes 1980 (C)

Neocladophialophora Crous & R.K. Schumach. 2014 (H)*

Class *Laboulbeniomycetes* Engler
Laboulbeniales genera *incertae sedis*
Coreomycetopsis Thaxt. 1920 (H)
Muiaria Thaxt. 1914 (H)

Pyxidiophorales P.F. Cannon
Pyxidiophoraceae Arnold
Gliocephalis Matr. 1899 (H)
Pleurocatena G. Arnaud ex Aramb. et al.
 2007 (H)

Class *Lecanoromycetes* O.E. Erikss. & Winka
Subclass *Ostropomycetidae* Reeb et al.
Ostropales Nannf.
Stictidaceae Fr.
Acarosporina Sherwood 1977 with
 phacidiella-like asexual morph (C)[#]
Cyanodermella O.E. Erikss. 1981 (C)
Glomerobolus Kohlm. & Volkm.-Kohlm.
 1996 (H)
Stictis Pers. 1800 (C)[#]
Stictophacidium Rehm 1888 with
 coleophoma-like asexual morph (C)[#]

Subclass *Lecanoromycetidae* P.M. Kirk et al.
Lecanorales Nannf.
Stereocaulaceae Chevall.
Lepraria Ach. 1803 (C)

Lecanorales genera *incertae sedis*
Lichenosticta Zopf 1898 (C)

Leprocaulales Lendemer & B.P. Hodk.
Leprocaulaceae Lendemer & B.P. Hodk.
Leprocaulon Nyl. 1878 (C)

Ostropales Nannf.
Graphidaceae Dumort.
Rubikia H.C. Evans & Minter 1985 (C)

Ostropales genera *incertae sedis*
Mulderomyces Crous et al. 2016 (C)*

Peltigerales Walt. Watson
Collemataceae Zenker
Paracollemata Otálora & Wedin 2014 (C)^{#*}

Class *Leotiomycetes* O.E. Erikss. & Winka
Erysiphales Gwynne-Vaughan
Erysiphaceae Tul. & C. Tul.
Blumeria Golovin ex Speer 1975 (H)[#]
Erysiphe R. Hedw. ex DC. 1805 (H)[#]

Leveillula G. Arnaud 1921 (H)[#]
Phyllactinia Lév. 1851 (H)[#]

Helotiales Nannf.
Ascodichaenaceae D. Hawksw. & Sherwood
Ascodichaena Butin 1977 (C)[#]

Bloxamiaceae Locq.
Bloxamia Berk. & Broome 1854 (H)

Calloriaceae Marchand
Calloria Fr. 1836 (H)^{#*}

Cenangiaceae Rehm
Crumenulopsis J.W. Groves 1969 (C)^{#*}
Rhabdocline Syd. 1922 (H)[#]

Chaetomellaceae Baral et al.
Chaetomella Fuckel 1870 (C)[#]
Pilidium Kunze 1823 (C)[#]
Sphaerographium Sacc. 1884 (C)[#]
Synchaetomella Decock & Seifert 2005
 (H)

Chlorociboriaceae Baral & P.R. Johnst.
Chlorociboria Seaver ex Ramamurthi et al.
 1958 (C)[#]

Cordieritidaceae Sacc.
Diplolaeviopsis Giralt & D. Hawksw. 1991
 (C)*
Unguiculariopsis Rehm 1909 (C)[#]

Dermateaceae Fr.
Coleophoma Höhn. 1907 (C)
Corniculariella P. Karst. 1884 (C)
Dermea Fr. 1825 (C)^{#*}
Neofabraea H.S. Jacks. 1913 (C)[#]
Parafabraea Chen Chen et al. 2015 (C)^{#*}
Pezicula Tul. & C. Tul. 1865 (C)[#]
Phialocephala W.B. Kendr. 1961 (H)[#]
Phlyctema Desm. 1847 (C)
Verkleyomyces Y. Marín & Crous 2016
 (C)^{#*}
Xenochalara M.J. Wingf. & Crous 2000
 (H)

Drepanopezizaceae Bat. & H. Maia
Blumeriella Arx 1961 (C)^{#*}
Diplocarpon F.A. Wolf 1912 (C) or (H)^{#*}
Leptotrochila P. Karst. 1871 (C)^{#*}

Pseudopezicula Korf 1975 with
phialophora-like asexual morph (H)[#]

Gelatinodiscaceae S.E.Carp

Ascocoryne J.W. Groves & D.E. Wilson
1967 (H)^{#*}

Neobulgaria Petr. 1921 with
myrioconium-like or phialophora-like asexual
morph (H)[#]

Xerombrophila Baral 2013 (H)^{#*}

Godroniaceae Baral

Ascocalyx Naumov 1926 (C)[#]

Godronia Moug. & Lév. 1846 (C)[#]

Gremmeniella M. Morelet 1969 (C)[#]

Gloeotinia M. Wilson et al. 1954 (H)[#]

Helotiaceae Rehm

Articulospora Ingold 1942 (H)

Ascoconidium Seaver 1942 (H)^{#*}

Dimorphospora Tubaki 1958 (H)

Filospora Nawawi 1976 (H)^{*}

Fontanospora Dyko 1978 (H)

Geniculospora Sv. Nilsson ex Marvanová
& Sv. Nilsson 1971 (H)

Glarea Bills & Paláez 1999 (H)

Helicodendron Peyronel 1918 (H)

Hymenoscyphus Gray 1821 (H)[#]

Mycofalcella Marvanová et al. 1993 (H)^{*}

Neocrinula Crous 2016 (H)^{*}

Scytalidium Pesante 1957 (H)[#]

Symphyosirinia E.A. Ellis 1956 (H)[#]

Tricladium Ingold 1942 (H)

Heterosphaeriaceae Rehm

Heterosphaeria Grev. 1824 (C)[#]

Hyaloscyphaceae Nannf.

Arbusculina Marvanová & Descals 1987
(H)

Cistella Quél. 1886 (H)^{#*}

Cladochasiella Marvanová 1997 (H)

Clathrosphaerina Beverw. 1951 (H)

Crucellisporiopsis Nag Raj 1983 (C)^{*}

Dematioscypha Svrček 1977 (H)[#]

Hyalopeziza Fuckel 1870 (H)^{#*}

Hyaloscypha Boud. 1885 (H)^{#*}

Hyphodiscus Kirschst. 1906 (H)[#]

Meliniomyces Hambl. & Sigler 2005 (H)

Mycoarthritis Marvanová & P.J. Fisher
2002 (H)

Pseudaegerita J.L. Crane & Schokn. 1981
(H)

Leptodontidiaceae Hern.-Restr. et al.

Leptodontidium de Hoog. 1979 (H)

Mollisiaceae Rehm

Cystodendron Bubák 1914 (H)

Fuscosclera Hern.-Restr. et al. 2017 (H)^{*}

Trimmatostroma Corda 1837 (H)^{*}

Variocladium Descals & Marvanová (H)

Pezizellaceae Velen.

Calycellina Höhn 1918 (H)[#]

Chalara (Corda) Rabenh. 1844 (H)

Ciliolarina Svrcek 1977 (H)^{#*}

Scleropezicula Verkley 1999 (C)^{#*}

Ploettnerulaceae Kirschst.

Cadophora Lagerb. & Melin (H)

Mycochaetophora Hara & Ogawa (H)

Oculimacula Crous & W. Gams 2003 (H)[#]

Pyrenopeziza Fuckel 1870 (C)^{#*}

Rhynchosporium Heinsen ex A.B. Frank
1897 (H)

Rutstroemiaceae Holst-Jensen et al.

Rutstroemia P. Karst. 1871 with
phialophora-like asexual morph (H)[#]

Sclerotiniaceae Whetzel ex Whetzel

Amphobotrys Hennebert 1973 (H)

Botrytis P. Micheli ex Pers. 1794 (H)[#]

Cristulariella Höhn. 1916 (H)[#]

Grovesinia M.N. Cline et al. 1983 (H)[#]

Haradamyces Masuya et al. 2009 (H)

Monilinia Honey 1928 (H)[#]

Mycopappus Redhead & G.P. White 1985
(H)

Myriosclerotinia N.F. Buchw. 1947 (H)[#]

Ovulinia F.A. Weiss 1940 (H)[#]

Pycnopeziza W.L. White & Whetzel 1938
(C)[#]

Sclerotium Tode 1790 (H)

Seaverinia Whetzel 1945 (H)[#]

Septotinia Whetzel ex J.W. Groves & M.E.
Elliott 1961 (H)[#]

Streptotinia Whetzel 1945 (H)[#]

Valdensia Peyronel 1923 (H)[#]

Vibrisseaceae Korf

Acephala Grünig & T.N. Sieber 2005 (H)

Chlorovibrissea L.M. Kohn 1989 with phialophora-like asexual morph (H)[#]
Vibrissea Fr. 1822 (H)[#]

***Helotiales*, genera incertae sedis**

Acidea Hujšlová & M. Kolařík 2014 (H)*
Acidomelania E. Walsh & N. Zhang 2014 (H)*
Apiculospora Wijayaw. et al. 2016 (C)*
Barrenia E. Walsh & N. Zhang 2015 (H)*
Bioscypha Syd. 1927 with rhinocladiella-like asexual morph (H)[#]
Brachyalara Réblová & W. Gams 2011 (H)
Brefeldochium Verkley 2005 (H)
Cheirospora Moug. & Fr. 1825 (C)
Clathrosporium Nawawi & Kuthub. 1987 (H)
Collembolispora Marvanová & Pascoal 2003 (H)*
Crucellisporium M.L. Farr 1968 (C)
Dactylaria Sacc. 1880 (H)
Fulvoflamma Crous 2006 (H)
Godroniopsis Diehl & E.K. Cash 1929 (C)*[#]
Gyoerffyella Kol 1928 (H)
Humicolopsis Cabral & S. Marchand 1976 (H)
Hyalodendriella Crous 2007 (H)
Infundichalara Réblová & W. Gams 2011 (H)
Lareunionomyces Crous & M.J. Wingf. 2016 (H)*
Lemonniera De Wild. 1894 (H)
Leptodontidium de Hoog 1979 (H)
Libartania Nag Raj 1979 (C)
Margaritispora Ingold 1942 (H)
Mastigosporium Riess 1852 (H)*
Monochaetiellopsis B. Sutton & DiCosmo 1977 (C)[#]
Phacidiella P. Karst. 1884 (C)
Rhexocercosporidium U. Braun 1994 (H)
Rhizocladosporium Crous & U. Braun 2007 (H)
Rhizothyrium Naumov 1915 (C)[#]
Sabahriopsis Crous & M.J. Wingf. 2015 (H)*
Soosiella Hujšlová & M. Kolařík 2014 (H)*
Spirosphaera Beverw. 1953 (H)
Stamnaria Fuckel 1870 (C)[#]

Strossmayeria Schulzer 1881 (H)[#]
Tetracladium De Wild. 1893 (H)
Theadgonia B. Sutton 1973 (H)
Triposporium Corda 1837 (H)
Varicosporium W. Kegel 1906 (H)
Xenopolyscytalum Crous 2010 (H)

***Lauriomycetales* Hern.-Restr. et al.**

***Lauriomycetaceae* Hern.-Restr. et al.**
Lauriomyces R.F. Castañeda 1990 (H)

***Leotiales* Carpenter**

***Leotiaceae* Corda**
Alatospora Ingold 1942 (H)
Flagellospora Ingold 1942 (H)
Halenospora E.B.G. Jones 2009 (H)
Miniancora Marvanová & Bärl. 1989 (H)

***Phacidiales* C.E. Bessey**

***Helicogoniaceae* Baral**
Eleutheromycella Höhn. 1908 (C)
Eleutheromyces Fuckel 1870 (C)
Gelatinipulvinella Hosoya & Y. Otani 1995 (H)*[#]

***Phacidiaceae* Fr.**

Allantophomopsiella Crous 2014 (C)*
Allantophomopsis Petr. 1925 (C)
Darkera H.S. Whitney et al. (C)[#]
Phacidiopycnis Potebnia 1912 (C)[#]
Phacidium Fr. 1815 (C)[#]

***Tympanidaceae* Baral & Quijada**

Claussenomyces Kirschst. 1923 (H)*[#]
Collophorina Damm & Crous 2017 (C)
Holwaya Sacc. 1889 (H)[#]
Micraspis Darker 1963 (C)[#]
Pragmopora A. Massal 1855 (C)[#]
Tympanis Tode 1790 (C)[#]

***Phacidiales* genera incertae sedis**

Coma Nag Raj & W.B. Kendr. 1972 (C)[#]

***Rhytismatales* M.E. Barr ex Minter**

***Rhytismataceae* Chevall.**
Hypohelion P.R. Johnst. (C)[#]
Ploioderma Darker. 1967 (C)[#]
Rhytisma Fr. 1818 (C)[#]

***Leotiomycetes*, families incertae sedis**

***Amorphothecaceae* Parbery**

Hormoconis Arx & G.A. de Vries 1973
(H)
Myxotrichaceae Currah
 Geomyces Traaen 1914 (H)
 Gymnostellatospora Udagawa et al. 1993
(C)
 Oidiodendron Robak 1932 (H)

Leotiomycetes, genera *incertae sedis*
 Epicladonia D. Hawksw. 1981 (C)
 Exochalara W. Gams & Hol.-Jech. 1976
(H)
 Gelatinomyces N. Sanoamuang et al. 2013
(H)*
 Gorgomyces M. Gönczöl & Révay 1985
(H)
 Helicocentralis Sri-indr. et al. 2015 (H)*
 Leohumicola N.L. Nick. 2005 (H)
 Ocotomyces H.C. Evans & Minter 1985
(C)#
 Tetrachaetum Ingold 1942 (H)
 Trullula Ces. 1852 (C)

Class Orbiliomycetes O.E. Erikss. & Baral
Orbiliales Baral et al.
Orbiliaceae Nannf.
 Arthrobotrys Corda 1939 (H)#
 Dactylella Grove 1884 (H)
 Dactylellina M. Morelet 1968 (H)
 Drechlerella Subram. 1964 (H)
 Gamsylella M. Scholler et al. 1999 (H)
 Helicoön Morgan 1892 (H)
 Hyalorbilia Baral & G. Marson 2001 (H)#
 Orbilia Fr. 1836 (H)#
 Pseudotriporiconidium Z.F. Yu & K.Q. Zhang 2011 (H)
 Retiarius D.L. Olivier 1978 (H)
 Vermispora Deighton & Piroz. 1972 (H)

Orbiliales, genera *incertae sedis*
 Microdochiella Hern.-Restr. & Crous 2015
(H)*

Class Pezizomycetes sensu O.E. Erikss. & Winka
Pezizales J. Schröt.
Ascobolaceae Boud. ex Sacc.
 Cubonia Sacc. 1889 with papulospore-like asexual morph (H)#

Caloscyphaceae Harmaja
 Caloscypha Boud. 1885 (H)#

Chorioactidaceae Pfister
 Desmazierella Lib. 1829 (H)#

Morchellaceae Reichenb.
 Morchella Dill. ex Pers. 1794 (H)#

Pezizaceae Dumort.
 Chromelosporium Corda 1833 (H)
 Glischroderma Fuckel 1870 (C)
 Oedocephalum Preuss 1851 (H)

Pyronemataceae Corda
 Ascorhizoctonia Chin S. Yang & Korf 1985 (H)
 Heydenia Fresen. 1852 (H)
 Micronematobotrys Xiang Sun & L.D. Guo 2010 (H)
 Miladina Svrček 1972 (H)#
 Miladina Svrček 1972 (H)#
 Trichophaea Boud. 1885 (H)#

Rhizinaceae Bonord.
 Phymatotrichopsis Hennebert 1973 (H)

Sarcoscyphaceae LeGal ex Eckblad
 Sarcoscypha (Fr.) Boud. 1885 (H)#

Sarcosomataceae Kobayasi
 Conoplea Pers. 1797 (H)

Pezizales, genera *incertae sedis*
 Cephaliophora Thaxt. 1903 (H)

Class Sordariomycetes sensu O.E. Erikss. & Winka
Subclass Diaportheomycetidae Senan. et al.
Annulatascales D'souza et al.
Annulatasceae S.W. Wong et al.
 Teracosphaeria Réblová & Seifert 2007 with phialophora-like asexual morph (H)#

Atractosporales H. Zhang et al.
Conlariaceae H. Zhang et al.
 Conlarium F. Liu & L. Cai 2012 (H)*

Calosphaeriales M.E. Barr (= *Jobellisiales* M.J. D'souza & K.D. Hyde)
Calosphaeriaceae Munk
 Calosphaeria Tul. & C. Tul. 1863 (H)*
 Togniniella Réblová et al. 2004 (H)#

- Pleurostomataceae** Réblová et al.
Pleurostoma Tul. & C. Tul. 1863 (H)[#]
- Diaporthales** Nannf.
- Apiosporopsidaceae** Senan. et al.
Apiosporopsis (Traverso) Mariani. 1911 (C)^{#*}
- Apharknessiaceae** Senan. et al.
Apharknessia Crous & S.J. Lee 2004 (C)^{*}
Lasmenia Speg. 1886 (C)
- Asterosporiaceae** Senan. et al.
Asterosporium Kunze 1819 (C)^{*}
- Auratiopycnidiellaceae** Senan. et al.
Auratiopycnidiella Crous & Summerell 2012 (C)^{*}
- Coryneaceae** Corda (= *Pseudovalsaceae* M.E. Barr)
Coryneum Nees 1816 (C)[#]
- Cryphonectriaceae** Gryzenh. & M.J. Wingf.
Aurantioporthe G. Beier & R.A. Blanchette 2015 (H)^{#*}
Aurantiosacculus Dyko & B. Sutton 1979 (C)^{*}
Aurapex Gryzenh. & M.J. Wingf. 2006 (C)
Celoporthe Nakab. et al. 2006 (C)[#]
Chrysolia Crous & M.J. Wingf. 2015 (C)^{*}
Chrysoporthe Gry-zenh. & M.J. Wingf. 2004 (C)
Cryphonectria Sacc. & D. Sacc. 1905 (C)[#]
Diversimorbus S.F. Chen & Jol. Roux 2013 (C)^{#*}
Foliocryphia Cheew. & Crous 2010 (C)
Luteocirrhus C.F. Crane et al. 2013 (C)^{*}
Mastigospora Höhn. 1914 (C)[#]
Ursicollum Gryzenh. & M.J. Wingf. 2006 (C)
- Cytosporaceae** Fr. (= *Valsaceae* Tul. & C. Tul.)
Cytospora Ehrenb. 1818 (C)^{#*}
Waydora B. Sutton 1976 (C)
- Diaporthaceae** Höhn. ex Wehm.
Chaetoconis Clem. 1909 (C)^{*}
Chiangraiomyces Senan. & K.D. Hyde 2017 (C)^{#*}
Diaporthe Nitschke 1870 (C)[#]
- Hyaliappendispora* Senan. et al. 2017 (C)[#]
Mazzantia Mont. 1855 (C)[#]
Ophiodiaporthe Y.M. Ju et al. 2013 (C)[#]
Phaeocystostroma Petr. 1921 (C)
Pustulomyces D.Q. Dai et al. 2014 (C)^{*}
Stenocarpella Syd. & P. Syd. 1917 (C)
- Erythrogloeaceae** Senan. et al.
Chrysocrypta Crous & Summerell 2012 (C)^{*}
Disculoides Crous et al. 2012 (C)^{*}
Erythrogloeum Petr. 1953 (C)
- Gnomoniaceae** G. Winter
Amphioporthe Petr. 1971 (C)[#]
Apiognomonina Höhn. 1917 (C)^{#*}
Asteroma DC. 1815 (C)
Cryptospora Sacc. 1877 (C)[#]
Cylindrospora Höhn. 1916 (C)
Gloeosporidina Petr. 1921 (C)
Millerburtonia Cif. 1951 (C)
Plagiostoma Fuckel 1870 (C)[#]
Sirococcus Preuss 1855 (C)
Zythia Fr. 1825 (C)
- Harknessiaceae** Crous
Harknessia Cooke 1881 (C)[#]
Dwiroopa Subram. & Muthumary 1986 (C)
- Juglanconidaceae** Voglmayr & Jaklitsch
Juglanconis Voglmayr & Jaklitsch 2017 (C)^{#*}
- Lamproconiaceae** C. Norphanphoun et al.
Lamproconium (Grove) Grove 1937 (C)^{*}
- Macrohilaceae** Crous^{*}
Macrohilum H.J. Swart 1988 (C)
- Melanconidaceae** G. Winter
Melanconis Tul. & C. Tul. 1863 (C)[#]
- Melanconiellaceae** Senan. et al.
Greeneria Scribn. & Viala 1887 (C)
Melanconiella Sacc. 1882 (C)[#]
Tubakia B. Sutton 1973 (C)
- Prosopidicolaceae** Senan. & K.D. Hyde
Prosopidicola Crous & C.L. Lennox 2004 (C)^{*}
- Pseudoplagiostomaceae** Cheew. et al.

Pseudoplagiostoma Cheew. et al. 2010 (C)[#]

Schizoparmeaceae Rossman
Coniella Höhn. 1918 (C)[#]

Stilbosporaceae Link
Crinitospora B. Sutton & Alcorn 1985 (C)*
Stegonsporium Corda 1827 (C)
Stilbospora Pers. 1794 (C)[#]

Sydowiellaceae Lar. N. Vassiljeva
Breviappendix Senan. & K.D. Hyde 2017 (C)^{#*}
Hapalocystis Auersw. ex Fuckel 1863 (C)^{#*}
Lambro Racib. 1900 (C)[#]
Uleoportha Petr. 1941 (C)[#]
Paragnomonina Senan. & K.D. Hyde 2017 (C)^{#*}
Tenuiappendicula Senan. et al. 2017 (C)^{#*}

Tirisporellaceae Suetrong et al.
Thailandiomyces Pinruan et al. 2008 (H)^{#*}
Tirisporella E.B.G. Jones et al. 1996 (H)^{#*}

Diaporthales, genera *incertae sedis*
Bagadiella Cheew. & Crous 2009 (H)
Caudospora Starbäck 1889 with phomopsis-like asexual morph (C)[#]
Gyrostroma Naumov 1914 (C)
Massariovalsa Sacc. 1882 (C)[#]
Melanconiopsis Ellis & Everh. 1900 (C)
Natarajania Pratibha & Bhat 2006 (H)
Pachytrype Berl. ex M.E. Barr et al. 1993 with cytospora-like asexual morph (C)[#]
Rabenhorstia Fr. 1849 (C)

Magnaporthales Thongk. et al.
Magnaporthaceae P.F. Cannon
Budhanggurabania P. Wong et al. 2015 (H)*
Bussabanomyces Klaubauf et al. 2014 (H)*
Clasterosporium Schwein. 1832 (H)[#]
Falciphora J. Luo & N. Zhang 2015 (H)*
Falciphoriella M. Hern.-Restr. & Crous 2016 (H)*
Gaeumannomycella M. Hern.-Restr. & Crous 2016 (H)*

Gaeumannomyces Arx & D.L. Olivier 1952 (H)^{#*}
Kohlmeyeriopsis Klaubauf et al. 2014 (H)[#]
Magnaporthiopsis J. Luo & N. Zhang 2013 (H)^{#*}
Mycoleptodiscus Ostaz. 1968 (H)
Nakataea Hara 1939 (H)[#]
Pseudophialophora J. Luo & N. Zhang 2014 (H)*
Pyriculariopsis M.B. Ellis 1971 (H)
Slopeiomyces Klaubauf et al. 2014 (H)^{#*}

Pyriculariaceae Klaubauf et al.
Bambusicularia Klaubauf et al. 2014 (H)*
Barretomyces Klaubauf et al. 2014 (H)*
Deightoniella S. Hughes 1952 (H)
Macgarvieomyces Klaubauf et al. 2014 (H)*
Neocordana Hern.-Restr. & Crous 2015 (H)*
Neopyricularia Klaubauf et al. 2014 (H)*
Proxipyricularia Klaubauf et al. 2014 (H)*
Pseudopyricularia Klaubauf et al. 2014 (H)*
Pyricularia Sacc. 1880 (H)
Xenopyricularia Klaubauf et al. 2014 (H)*

Myrmecridiales Crous
Myrmecridiaceae Crous
Myrmecridium Arzanlou et al. 2007 (H)

Ophiostomatales Benny & Kimbr.
Kathistaceae Malloch & M. Blackw.
Mattirolella S. Colla 1929 (C)

Ophiostomataceae Nannf.
Fragosphaeria Shear 1923 with acremonium-like asexual morph (H)[#]
Grosmannia Gold. 1936 (H)[#]
Hawksworthiomyces Z.W. de Beer et al. 2016 (H)*
Hyalorhinocladiella H.P. Upadhyay & W.B. Kendr. 1975 (H)
Klasterskya Petr. 1940 with hyalorhinocladiella-like asexual morph (H)[#]
Leptographium Lagerb. & Melin 1927 (H)
Pesotum J.L. Crane & Schokn. 1973 (H)
Raffaelea Arx & Hennebert 1965 (H)
Spumatoria Masee & E.S. Salmon 1901 (H)

Togniniales I.C. Senanayake et al.

- Togniniaceae** Réblová et al.
Phaeoacremonium W. Gams et al. 1996 (H)[#]
- Diaportheomycetidae**, families *incertae sedis*
Barbatosphaeriaceae H. Zhang et al.*
Barbatosphaeria Réblová 2007 (H)[#]
- Distoseptisporaceae** K.D. Hyde & McKenzie
Distoseptispora K.D. Hyde et al. 2016 (H)*
- Lentomitellaceae** H. Zhang et al.
Lentomitella Höhn. 1906 (H)[#]
- Papulosaceae** Winka & O.E. Erikss.
Platytrachelon Réblová 2013 (H)[#]
- Sporidesmiaceae** Fr.
Sporidesmium Link 1809 (H)^{#*}
- Thyridiaceae** O.E. Erikss & J.Z. Yue
Pleurocytospora Petr. 1923 (C)
- Trichosphaeriaceae** G. Winter
Brachysporium Sacc. 1886 (H)
Koorchaloma Subram. 1953 (H)
Stromatographium Höhn. 1907 (H)[#]
- Woswasiaceae** H. Zhang et al.
Woswasia Jaklitsch et al. 2013 (H)^{#*}
Xylochrysis Réblová et al. 2014 (H)^{#*}
- Diaportheomycetidae**, genera *incertae sedis*
Aquapteridospora J. Yang et al. 2015 (H)*
Dictyosporella Abdel-Aziz 2015 (H)*
Pseudostanjehughesia J. Yang & K.D. Hyde 2017 (H)*
- Subclass Hypocreomycetidae** O.E. Erikss. & Winka
Coronophorales Nannf.
Ceratostomataceae G. Winter
Gonatobotrys Corda 1839 (H)
Melanospora Corda 1837 (H)[#]
- Nitschkiaceae** (Fitzp.) Nannf.
Acanthonitschkea Speg. 1908 with acremonium-like asexual morph (H)[#]
- Coronophorales**, genera *incertae sedis*
- Pseudocatenomyopsis* Crous & L.A. Shuttlesworth. 2013 (H)*
- Falcocladiaceae** R.H. Perera et al.
Falcocladiaceae Somrithipol et al.
Falcocladium S.F. Silveira et al. 1994 (H)
- Glomerellales** Chadeef. ex Réblová et al.
Australiascaceae Réblová & W. Gams
Monilochaetes Halst. ex Harter 1916 (H)[#]
- Glomerellaceae** Locq. ex Seifert & W. Gams
Colletotrichum Corda 1831 (C)[#]
- Plectosphaerellaceae** W. Gams et al.
Acrostalagmus Corda 1838 (H)
Chordomyces Bilanenko et al. 2016 (H)*
Gibellulopsis Bat. & H. Maia 1959 (H)
Lectera P.F. Cannon 2012 (C)*
Longitudinalis Tibpromma & K.D. Hyde 2017 (H)*
Musicillium Zare & W. Gams 2007 (H)
Plectosphaerella Kleb. 1929 (H)^{#*}
Sodiomyces Grun-Grzhimaylo et al. 2013 (H)^{#*}
Stachylidium Link 1809 (H)
Verticillium Nees 1816 (H)
- Reticulascaceae** Réblová & W. Gams
Blastophorum Matsush. 1971 (H)*
Cylindrotrichum Bonord. 1851 (H)[#]
Sporoschismopsis Hol.-Jech. & Hennebert 1972 (H)[#]
- Glomerellales** genera *incertae sedis*
Malaysiasca Crous & M.J. Wingf. 2016 (H)^{#*}
- Hypocreales** Lindau
Bionectriaceae Samuels & Rossman
Acremonium Link 1809 (H)
Bullanockia Crous 2016 (H)*
Clonostachys Corda 1839 (H)[#]
Dimerosporiella Speg. 1908 with acremonium-like asexual morph (H)[#]
Fusariella Sacc. 1884 (H)
Gliomastix Guég. 1905 (H)
Gracilistilbella Seifert 2000 (H)
Heleococcum C.A. Jørg. 1922 with trichothecium-like asexual morph (H)[#]
Hydropisphaera Dumont 1822 with acremonium-like asexual morph (H)

Ijuhya Starbäck 1899 with acremonium-like asexual morph (H)[#]

Lasionectria (Sacc.) Cooke 1884 with acremonium-like asexual morph (H)[#]

Mycoarachis Malloch & Cain 1970 with acremonium-like asexual morph (H)[#]

Mycocitrus Moller 1901 with acremonium-like asexual morph (H)[#]

Nectriella Nitschke ex Fuckel 1870 with acremonium-like and dendrodochium-like asexual morph (H)[#]

Nectriopsis Maire 1911 with acremonium-like asexual morph (H)[#]

Nectriopsis Maire 1911 with verticillium-like asexual morph of (H)[#]

Nigrosabulum Malloch & Cain 1970 with acremonium-like asexual morph (H)[#]

Paracylindrocarpon Crous et al. 2016 (H)*

Protocreopsis Yoshim. Doi 1977 with acremonium-like asexual morph (H)[#]

Roumegueriella Speg. 1880 with gliocladium-like asexual morph (H)[#]

Selinia P. Karst. 1876 with acremonium-like asexual morph (H)[#]

Selinia P. Karst. 1876 with tubercularia-like asexual morph (H)[#]

Spicellum Nicot & Roquebert 1976 (H)

Stilbocrea Pat. 1900 with acremonium-like asexual morph (H)[#]

Synnemellisia N.K. Rao et al. 1989 (H)

Verrucostoma Hirooka et al. 2010 with acremonium-like asexual morph (H)[#]

***Clavicipitaceae* (Lindau) Earle ex Rogerson**

Aciculosporium I. Miyake 1908 (C)[#]

Aphanocladium W. Gams 1971 (H)

Collarina Giraldo et al. 2014 (H)*

Coralloctostroma Y.N. Yu & Z.Y. Zhang 1980 (C)

Diploöspora Grove 1916 (H)

Flammocladia Crous et al. 2015 (H)*

Hypocrella Sacc. 1878 (C)[#]

Metacordyceps G.H. Sung et al. 2007 (H)^{#*}

Metapochonia Kepler et al. 2014 (H)*

Metarhiziopsis D.W. Li et al. 2008 (H)

Metarhizium Sorokin 1879 (H)

Moelleriella Bres. 1897 (C)^{#*}

Mycophilomyces Crous & M.J. Wingf. 2016 (H)*

Neobarya Lowen 1986 with acremonium-like asexual morph (H)[#]

Neotyphodium Glenn et al. 1996 (H)

Nomuraea Maubl. 1903 (H)

Pochonia Bat. & O.M. Fonseca 1965 (H)

Pseudogibellula Samson & H.C. Evans 1973 (H)

Rotiferophthora G.L. Barron 1991 (H)

Sphacelia Lév. 1827 (H)

Ustilaginoidea Bref. 1895 (H)[#]

***Cordycipitaceae* Kreisel ex G.M. Sung et al.**

Akanthomyces Lebert 1858 (H)

Amphichorda Fr. 1825 (H)

Beauveria Vuill. 1912 (H)

Engyodontium de Hoog 1978 (H)

Gibellula Cavara 1894 (H)

Granulomanus de Hoog & Samson 1978 (H)

Isaria Pers. 1794 (H)

Lecanicillium W. Gams & Zare 2001 (H)

Microhilum H.Y. Yip & A.C. Rath 1989 (H)

Simplicillium W. Gams & Zare 2001 (H)

***Hypocreaceae* De Not.**

Aphysiostroma Barrasa et al. 1986 with verticillium-like asexual morph (H)[#]

Arachnocrea Z. Moravec 1956 (C)

Cladobotryum Nees 1816 (H)

Cosmospora Rabenh. 1862 with verticillium-like asexual morph (H)[#]

Escovopsioides H.C. Evans & J.O. Augustin 2012 (H)^{#*}

Escovopsis J.J. Muchovej & Della Lucia 1990 (H)

Hypomyces (Fr.) Tul. & C. Tul. 1860 with trichothecium-like asexual morph (H)[#]

Mycogone Link 1809 (H)

Sarawakus Lloyd 1924 with gliocladium-like and trichoderma-like asexual morph (H)[#]

Sepedonium Link 1809 (H)

Sibirina G.R.W. Arnold 1970 (H)

Sphaerostilbella (Henn.) Sacc. & D. Sacc. 1905 (H)[#]

Stephanoma Wallr. 1833 (H)

Trichoderma Pers. 1794 (H)[#]

Verticimonosporium Matsush. 1971 (H)

***Nectriaceae* Tul. & C. Tul.**

Aquanectria L. Lombard & Crous 2015 (H)^{#*}

- Atractium* Link 1809 (H)
Bisifusarium L. Lombard et al. 2015 (H)*
Calonectria De Not. 1867 (H)[#]
Calostilbe Sacc. & Syd. 1902 (H)[#]
Campylocarpon Halleen et al. 2005 (H)
Chaetopsina Rambelli 1956 (H)
Coccinonectria L. Lombard & Crous 2015 (H)*
Corallomycetella Henn. 1904 (H)[#]
Corallonectria C. Herrera & P. Chaverri 2013 (H)[#]
Curviciadiella Decock & Crous 2006 (H)
Cyanochyta Höhn. 1915 (C)
Cyanophomella Höhn. 1918 (C)
Cylindrocarpostylus R. Kirschner & Oberw. 1999 (H)*
Cylindrocladiella Boesew. 1982 (H)[#]
Cylindrodendrum Bonord. 1851 (H)*
Dacryoma Samuels 1988 (H)
Dactylonectria L. Lombard & Crous 2014 (H)*
Dematiocladium Allegr. et al. 2005 (H)
Fusarium Link 1809 (H)[#]
Fusicolla Bonord. 1851 (H)*
Gliocephalotrichum J.J. Ellis & Hesselt. 1962 (H)[#]
Gliocladiopsis S.B. Saksena 1954 (H)
Macroconia (Wollenw.) Gräfenhan et al. (H)
Mariannaea G. Arnaud ex Samson 1974 (H)
Microcera Desm. 1848 (H)
Nalanthamala Subram. 1956 (H)[#]
Nectria (Fr.) Fr. 1849 (H)[#]
Neonectria Wollenw. 1917 (H)[#]
Hypomyces (Fr.) Tul. & C. Tul. 1860 with papulaspora-like asexual morph (H)[#]
Paracremonium L. Lombard & Crous 2015 (H)*
Penicillifer Emden 1968 (H)[#]
Pleiocarpon L. Lombard & D. Aiello 2017 (H)*
Pleonectria Sacc. 1876 (H)[#]
Pseudocosmospora C. Herrera & P. Chaverri 2013 (H)*
Rectifusarium L. Lombard et al. 2015 (H)*
Rugonectria P. Chaverri & Samuels 2011 (H)[#]
Sarcopodium Ehrenb. 1818 (H)
Thyronectria Sacc. 1875 (C)[#]
Varicosporella Lechat & J. Fourn. 2015 (H)*
Volutella Fr. 1832 (H)[#]
Xenoacremonium L. Lombard & Crous 2015 (H)*
Xenocylindrocladium Decock et al. 1997 (H)[#]
Xenoleptographium Marinc. et al. 2015 (H)*
Niessliaceae Kirschst.
Eucasphaeria Crous 2007 (C)[#]
Myrtacremonium Crous 2017 (H)*
Niesslia Auersw. 1869 (H)[#]
Trichosphaerella E. Bommer et al. 1891 with acremonium-like asexual morph (H)[#]
Valetoniellopsis Samuels & M.E. Barr 1998 with acremonium-like asexual morph (H)[#]
Ophiocordycipitaceae G.H. Sung et al.
Drechmeria W. Gams & H.B. Jansson (H)
Elaphocordyceps G.H. Sung & Spatafora 2007 with verticillium-like asexual morph (H)[#]
Harposporium Lohde 1874 (H)[#]
Ophiocordyceps Petch 1931 (H)[#]
Polycephalomyces Kobayasi 1941 (H)[#]
Purpureocillium Luangsa-ard et al. 2011 (H)
Tolypocladium W. Gams 1971 (H)[#]
Stachybotryaceae L. Lombard & Crous
Achroiostachys L. Lombard & Crous 2016 (H)*
Albifimbria L. Lombard & Crous 2016 (H)*
Albosynnema E.F. Morris 1967 (H)
Alfaria Crous et al. 2014 (C)[#]
Alfariacadiella Crous & R.K. Schumach. 2016 (H)*
Brevistachys L. Lombard & Crous 2016 (H)*
Capitofimbria L. Lombard & Crous 2016 (H)*
Cymostachys L. Lombard & Crous 2016 (H)*
Didymostilbe Henn. 1902 (H)
Dimorphiseta L. Lombard & Crous 2016 (H)*
Globobotrys L. Lombard & Crous 2016 (H)*
Grandibotrys L. Lombard & Crous 2016 (H)*

Gregatothecium L. Lombard & Crous 2016 (H)*
Inaequalispora L. Lombard & Crous 2016 (H)*
Kastanostachys L. Lombard & Crous 2016 (H)*
Koorchalomella Chona et al. 1958 (H)*
Melanopsamma Niessl 1876 (H)[#]
Memnoniella Höhn. 1923 (H)
Myrothecium Tode 1790 (H)
Myxospora L. Lombard & Crous 2016 (H)*
Neomyrothecium L. Lombard & Crous 2016 (H)*
Paramyrothecium L. Lombard & Crous 2016 (H)*
Parasarcopodium Mel'nik et al. 2004 (H)
Parvothecium L. Lombard & Crous 2016 (H)*
Septomyrothecium Matsush. 1971 (H)
Sirastachys L. Lombard & Crous 2016 (H)*
Smaragdiniseta L. Lombard & Crous 2016 (H)*
Stachybotrys Corda 1837 (H)[#]
Striatibotrys L. Lombard & Crous 2016 (H)*
Striaticonidium L. Lombard & Crous 2016 (H)*
Tangerinosporium L. Lombard & Crous 2016 (H)*
Virgatospora Finley 1967 (H)
Xenomyrothecium L. Lombard & Crous 2016 (H)*
Xepicula Nag Raj 1993 (C)
Xepiculopsis Nag Raj 1993 (C)

Tilachlidiaceae Lombard & Crous
Septofusidium W. Gams 1971 (H)
Tilachlidium Preuss 1851 (H)

***Hypocreales*, genera incertae sedis**
Acremoniopsis Giraldo et al. 2014 (H)*
Cylindrium Bonord. 1851 (H)*
Emericellopsis J.F.H. Beyma 1940 (H)^{#*}
Geosmithia J.Pitt 1979 (H)
Hapsidospora Malloch & Cain 1970 (C)
Haptospora G.L. Barron 1991 (H)
Harzia Costantin 1888 (H)
Hymenopsis Sacc. 1886 (C)
Illosporiosis D. Hawksw. 2001 (H)
Illosporium Mart. 1817 (H)

Leucosphaerina Arx 1987 with acremonium-like asexual morph of (H)[#]
Munkia Speg. 1886 (H)
Neomunkia Petr. 1947 (H)
Neothyronectria Crous & Thangavel 2016 (C)*
Sarocladium W. Gams & D. Hawksw. 1976 (H)
Stanjemonium W. Gams et al. 1999 (H)
Stilbella Lindau 1900 (H)
Trichothecium Link 1809 (H)

Melanosporales N. Zhang & M. Blackw.
Ceratostomataceae G. Winter
Ambrosiella Brader ex Arx & Hennebert 1965 (H)
Ceratocystis Ellis & Halst. 1890 (H)[#]
Chalaropsis Peyronel 1916 (H)[#]
Davidsoniella Z.W. de Beer et al. 2014 (H)^{#*}
Huntiella Z.W. de Beer et al. 2014 (H)^{#*}
Thielaviopsis Went 1893 (H)

Chadefaudiellaceae Faurel & Schotter ex Benny & Kimbr.
Faurelina Locq.-Lin. 1975 with arthrographis-like asexual morph (H)[#]

Gondwanamycetaceae Réblová et al.
Custingophora Stolk et al. 1968 (H)

Graphiaceae De Beer
Graphium Corda 1837 (H)

Halosphaeriaceae E. Müll. & Arx ex Kohlm.
Cirrenalia Meyers & R.T. Moore 1960 (H)
Corollospora Werderm. 1922 with clavariopsis-like asexual morph (H)[#]
Clavatospora Sv. Nilsson ex Marvanová & Sv. Nilsson 1971 (H)
Corollospora Werderm. 1922 (H)[#]
Halosphaeriopsis T.W. Johnson 1958 (H)[#]
Sigmoidea J.L. Crane 1968 (H)

Microascaceae Luttr. ex Malloch
Acaulium Sopp 1912 (H)
Brachyconidiellopsis Decock et al. 2004 (H)
Cephalotrichum Link 1809 (H)
Echinobotryum Corda 1831 (H)
Gamsia M. Morelet 1969 (H)
Parascadosporium Gilgado et al. 2007 (H)

Pseudoscopulariopsis M. Sandoval-Denis et al. 2015 (H)*

Rhinocladium Sacc. & Marchal 1885 (H)

Scedosporium Sacc. ex Castell. & Chalm. 1919 (H)

Wardomyces F.T. Brooks & Hansf. 1923 (H)

Wardomycesopsis Udagawa & Furuya 1978 (H)

Yunnania H.Z. Kong 1998 (H)#

Microascales genera incertae sedis

Cephalotrichiella Crous 2014 (H)*

Ceratocystis Ellis & Halst. 1890 with chalara-like asexual morph (H) #

Cornuvesica C.D. Viljoen et al. 2000 with chalara-like asexual morph (H) #

Sphaeronaemella P. Karst. 1884 (H)#

Sporendocladia G. Arnaud ex Nag Raj & W.B. Kendr. 1975 (H)

Triadelphia Shearer & J.L. Crane 1971 (H)*

Torpedosporales E.B.G. Jones et al.

Juncigenaceae E.B.G. Jones et al.

Moheitospora Abdel-Wahab et al. 2010 (H)

Torpedosporaceae E.B.G. Jones & K.L. Pang

Torpedospora Meyers 1957 (H)#

Hypocreomycetidae genera incertae sedis

Campylospora Ranzoni 1953 (H)*

Dendroclathra Voglmayr & G. Delgado 2001 (H)

Subclass Lulworthiomycetidae Dayarathne et al.

Lulworthiales Kohlm.

Lulworthiaceae Kohlm.

Cumulospora I. Schmidt 1985 (H)

Halazoon Abdel-Aziz et al. 2010 (C)

Hydea K.L. Pang & E.B.G. Jones 2010 (H)

Matsusporium E.B.G. Jones & K.L. Pang 2010 (H)

Moleospora Abdel-Wahab et al. 2010 (H)

Moromyces Abdel-Wahab et al. 2010 (H)

Subclass Savoryellomycetidae Hongsanan et al.

Conioscyphales Réblová & Seifert

Conioscyphaceae Réblová & Seifert

Conioscypha Höhn. 1904 (H)#

Fuscosporellales J. Yang et al.

Fuscosporellaceae J. Yang et al.

Fuscosporella J. Yang et al. 2016 (H)*

Mucispora J. Yang et al. 2016 (H)*

Parafuscosporella J. Yang & K.D. Hyde 2016 (H)*

Pseudoascotaiwania J. Yang et al. 2016 (H)*

Pleurotheciales Réblová & Seifert

Pleurotheciaceae Réblová & Seifert

Anapleurothecium Hern.-Restr. et al. 2017 (H)*

Melanotrigonum Réblová 2015 (H)#*

Phaeoisaria Höhn. 1909 (H)*

Pleurotheciella Réblová et al. 2012 (H)#*

Pleurothecium Höhn. 1919 (H)#

Sterigmatobotrys Oudem. 1886 (H)

Savoryellales Boonyuen et al.

Savoryellaceae Jaklitsch & Réblová

Canalisporium Nawawi & Kuthub. 1989 (H)#

Monotosporella S. Hughes 1958 (H)

Neoascotaiwania Hern.-Restr. et al. 2017 (H)#*

Subclass Sordariomycetidae O.E. Erikss. & Winka

Chaetosphaeriales Huhndorf et al.

Chaetosphaeriaceae Réblová et al.

Adautomilanezia Gusmão et al. 2016 (H)*

Anacacumisporium Y. R. Ma & X. G.

Zhang 2016 (H)*

Brunneodinemasporium Crous & R.F. Castañeda 2012 (C)*

Catenularia Grove 1886 (H)

Chaetosphaeria Tul. & C. Tul. 1863 with phialophora-like asexual morph (H) #

Chaetosphaerides Matsush. 2003

ramichloridium-like asexual morph (H) #

Chloridium Link 1809 (H) #

Codinaea Maire 1937 (H)

Conicomycetes R. C. Sinclair et al. 1983 (H)*

Craspedodidymum Hol.-Jech. 1972 (H)

Cryptophiale Piroz. 1968 (H)

Dendrophoma Sacc. 1880 (C)*

Dictyochaeta Speg. 1923 (H)

- Dinemasporium* Lév. 1846 (C)
Eucalyptostroma Crous & M.J. Wingf. 2016 (C)*
Exserticlava S. Hughes 1978 (H)
Gonytrichum Nees & T. Nees 1818 (H)
Hemicorynespora M.B. Ellis 1972 (H)
Infundibulomyces Plaingam et al. 2003 (C)
Kionochaeta P.M. Kirk & B. Sutton 1986 (H)
Menispora Pers. 1822 (H)#
Menisporopsis S. Hughes 1952 (H)*
Neopseudolachnella A. Hashim. & Kaz. Tanaka 2015 (C)*
Pseudobotrytis Krzemien. & Badura 1954 (H)
Pseudodinemasporium A. Hashim. & Kaz. Tanaka 2015 (C)*
Pseudolachnea Ranoj. 1910 (C)
Pseudolachnella Teng 1936 (C)*
Pyrigemmula D. Magyar & R. Shoemaker 2011 (H)
Rattania Prabhugaonkar & Bhat 2009 (H)
Sporoschisma Berk. & Broome 1847 (H)#
Tainosphaeria F.A. Fernández & Huhndorf 2005 (H)
Thozetella Kuntze 1891 (H)
Zanclospora S. Hughes & W.B. Kendr. 1965 (H)
- Helminthosphaeriaceae*** Samuels et al.
Diplococcium Grove 1885 (H)
Endophragmiella B. Sutton 1973 (H)
Ruzenia O. Hilber 2002 with selenosporella-like asexual morph (H) #
- Chaetosphaeriales*** genera *incertae sedis*
Calvolachnella Marinc. et al. 2016 (C)*
Nawawia Marvanová 1980 (H)
- Coniochaetales*** Huhndorf et al. (= *Cordanales* M. Hern.-Rest. & Crous)
Coniochaetaceae Malloch & Cain
Coniochaeta (Sacc.) Cooke 1887 (H)#
Barrina A. W. Ramaley 1997 with phialophora-like asexual morph (H)
Cordana Preuss 1851 (H) #
Rhexodenticula W.A. Baker & Morgan-Jones 2001 (H)
- Meliolales*** Gäum. ex D. Hawksw. & O.E. Erikss.
Meliolaceae G.W. Martin ex Hansf.
Asteridiella McAlpine 1897 (H)*
- Cryptomeliola* S. Hughes & Piroz. 1997 (H)*
Endomeliola S. Hughes & Piroz. 1994 (H)*
Irenopsis F. Stevens 1927 (H)*
Meliola Fr. 1825 (H)*
- Phyllachorales*** M.E. Barr
Phyllachoraceae Theiss. & H. Syd.
Cyclodomus Höhn. 1909 (C)
Diachora Müll. 1893 (C)#
Linochora Höhn. 1910 (C)
Mycohypallage B. Sutton 1963 (C)
Pseudothiella Petr. 1928 (C)#
Rhodosticta Woron. 1911 (C)
- Sordariales*** Chad. ex D. Hawksw. & O.E. Erikss.
Chaetomiaceae G. Winter
Botryotrichum Sacc. & Marchal 1885 (H)
Chaetomidium (Zopf) Sacc. 1882 with phialophora-like asexual morph (H) #
Chaetomium Kunze 1817 with papulaspora-like asexual morph (H) #
Crassicarpon Y. Marín et al. 2015 (H)*
Humicola Traaen 1914 (H)
Madurella Brumpt 1905 (H)
Myceliophthora Costantin 1892 (H)
Staphylotrichum J. Mey. & Nicot 1957 (H)
Thermothelomyces Y. Marín et al. 2015 (H)*
Trichocladium Harz 1871 (H)
- Lasiosphaeriaceae*** Nannf.
Cercophora Fuckel 1870 with phialophora-like asexual morph (H) #
Cladorrhinum Sacc. & Marchal 1885 (H)
Eosphaeria Höhn. 1917 with phialophora-like asexual morph (H) #
Lasiosphaeria Ces. & De Not. 1863 with phialophora-like asexual morph (H) #
Mammaria Ces. ex Rabenh. 1854 (H)
Podospora Ces. 1856 with phialophora-like asexual morph (H) #
- Sordariaceae*** G. Winter
Neurospora Shear & B.O. Dodge 1927 (H)
- Sordariales***, genera *incertae sedis*
Ascolacicola Ranghoo & K.D. Hyde 1998 with trichocladium-like asexual morph (H) #

Ascotaiwania Sivan. & H.S. Chang 1992
with trichocladium-like asexual morph (H)[#]
Cancellidium Tubaki 1975 (H)
Lasiosphaeris Clem. 1909 (H)[#]
Lunulospora Ingold 1942 (H)
Ramophialophora M. Caldich et al. 2004
(H)
Remersonia Samson & Seifert 1997 (H)
Ypsilonia Lév. 1846 (H)

Sordariomycetidae families *incertae sedis*

Cephalothecaceae Höhn.

Albertiniella Kirschst. 1936 with
acremonium-like asexual morph (H) #
Phialemonium W. Gams & McGinnis 1983
(H)

Sordariomycetidae, genera *incertae sedis*

Acrodictys M.B. Ellis 1961 (H)
Myxocephala G. Weber et al. 1989 (H)
Linocarpon Syd. & P. Syd. 1917 with
phialophora-like asexual morph (H)[#]
Rhodoveronaea Arzanlou et al. 2007 (H)
Spadicoides S. Hughes 1958 (H)

Subclass Xylariomycetidae sensu O.E. Erikss.
& Winka

Amphisphaeriales D. Hawksw. & O.E. Erikss.

Amphisphaeriaceae G. Winter

Amphisphaeria Ces. & De Not. 1863 (C)^{#*}
Griphosphaerioma Höhn. 1918 (C)[#]

Apiosporaceae K.D. Hyde et al.

Arthrimum Kunze 1817 (C)[#]
Endocalyx Berk. & Broome 1876 (H)
Scyphospora L.A. Kantsch. 1928 (C)

Beltraniaceae Nann.

Beltrania Penz. 1882 (H)
Beltraniella Subram. 1952 (H)
Hemibeltrania Piroz. 1963 (H)
Parapleurotheciopsis P.M. Kirk 1982 (H)
Porobeltraniella Gusmão 2004 (H)
Pseudobeltrania Henn. 1902 (H)
Subramaniomyces Varghese & V.G. Rao
1980 (H)

Clypeophysalosporaceae Giraldo & Crous

Bagadiella Cheew. & Crous 2009 (H)
Neophysalospora Crous & M.J. Wingf.
2014 (C)^{#*}
Plectosphaera Theiss. 1917 (H)

Hyponectriaceae Petr.

Discosphaerina Höhn 1917 with
hormonema-like asexual morph (H)[#]

Phlogicylindriaceae Senan. & K.D. Hyde

Phlogicylindrium Crous et al. 2006 (H)

Sporocadaceae Corda

Annellolacinia B. Sutton 1964 (C)
Bartalinia Tassi 1900 (C)
Broomella Sacc 1883 (C)
Ciliochorella Syd. 1935 (C)
Discosia Lib. 1837 (C)[#]
Doliomyces Steyaert 1961 (C)
Dyrithiopsis L. Cai et al. 2003 (C)
Hyalotiella Papendorf 1967 (C)
Immersidiscosia Kaz. Tanaka et al. 2010
(C)
Monochaetia (Sacc.) Allesch. 1902 (C)*
Morinia Berl. & Bres. 1889 (C)
Neopestalotiopsis Maharachch. et al. 2014
(C)*
Neotruncatella Hyang B. Lee & T.T.T.
Nguyen 2016 (C)*
Pestalotiopsis Steyaert 1949 (C)
Pseudopestalotiopsis Maharachch. et al.
2014 (C)*
Robillarda Sacc. 1880 (C)
Sarcostroma Cooke 1871 (C)
Seimatosporium Corda 1833 (C)^{#*}
Seiridium Nees 1816 (C)
Truncatella Steyaert 1949 (C)
Zetiasplozina Nag Raj 1993 (C)

Xylariales Nannf.

Castanediellaceae Hern.-Restr. et al.

Castanediella Hern.-Restr. et al. 2015 (H)*

Diatrypaceae Nitschke

Cryptovalsa Ces. & De Not. ex Fuckel
1870 (C)^{#*}
Diatrype Fr. 1849 (C)^{#*}

Graphostromataceae M.E. Barr et al.

Biscogniauxia Kuntze 1891 (H)^{#*}
Camillea Fr. 1849 (H)[#]
Graphostroma Piroz. 1974 with
nodulisporium-like asexual morph (H)[#]
Obolarina Pouzar 1986 with
rhinocladiella-like asexual morph (H) #

Hypoxylaceae DC

Jackrogersella L. Wendt et al. 2017 (H)*

Lopadostomataceae Daranag. & K.D. Hyde

Creosphaeria Theiss. 1910 with libertella-like asexual morph (C)#

Lopadostoma (Nitschke) Traverso 1906 with libertella-like asexual morph (C)#

Microdochiaceae Hern.-Restr. et al.

Idriella P.E. Nelson & S. Wilh. 1956 (H)

Microdochium Syd. 1924 (H)*

Selenodriella R.F. Castañeda & W.B. Kendr. 1990 (H)

Polystigmataceae Höhn. ex Nannf.

Polystigma DC. 1815 (C)

Xylariaceae Tul. & C. Tul.

Annulohypoxylon Y.M. Ju et al. 2005 (H)*

Ascotricha Berk. 1838 (H)#

Brunneiperidium Daranagama et al. 2015 (H)*

Circinotrichum Nees 1816 (H)*

Collodiscula I. Hino & Katum. 1955 (H)#

Coniolaria D. Garcá et al. with nodulisporium-like and rhinocladiella-like asexual morph (H) #

Cryptostroma P.H. Greg. & S. Waller 1952 (H)

Daldinia Ces. & De Not. 1863 (H)#

Emarcea Duong et al. 2004 (H)*

Halorosellinia Whalley et al. 2000 with geniculosporium-like asexual morph (H) #

Hypocreodendron Henn. 1897 (H)

Hypoxylon Bull. 1791 (H)*

Jumillera J.D. Rogers et al. 1997 with geniculosporium-like and libertella-like asexual morph (C)# or (H) #

Kretzschmaria Fr. 1849 with geniculosporium-like asexual morph (H) #

Kretzschmariella Viégas 1944 with mirandina-like asexual morph (H)#

Libertella Desm. 1830 (C)

Lunatiannulus Daranagama et al. 2015 (C)*

Nemania Gray 1821 (H)#

Poronia Willd. 1787 (H)#

Rhopalostroma D. Hawksw. 1977 with nodulisporium-like asexual morph (H)#

Rosellinia De Not. 1844 (H)#

Rostrophoxylon J. Fourn. & M. Stadler 2010 with sporothrix-like asexual morph (H) #

Ruwenzoria J. Fourn. et al. 2010 with nodulisporium-like or sporothrix-like asexual morph (H) #

Surculiseries Okane et al. 2001 (H)

Vamsapriya Gawas & Bhat 2006 (H)*

Virgaria Nees 1816 (H) #

Xylaria Hill ex Schrank 1789 (H)#

Xylariales, genera *incertae sedis*

Anungitea B. Sutton 1973 (H)

Ascotrichella Valldos. & Guarro 1988 with humicola-like asexual morph (H)#

Barrmaelia Rappaz 1995 with libertella-like asexual morph (C)#

Beltraniopsis Bat. & J.L. Bezerra 1960 (H)*

Hadrotrichum Fuckel 1865 (H)

Idriellopsis Hern.-Restr. & Crous 2015 (C)*

Kirstenboschia Quaedvl. et al. 2013 (C)*

Paraidriella Hern.-Restr. & Crous 2015 (H)*

Polyancora Voglmayr & C. Yule 2006 (H)

Pseudophloeospora Crous & R.G. Shivas 2010 (C)

Sporidesmina Subram. & Bhat 1989 (H)

Synnemadiella Crous & M.J. Wingf. 2016 (H)*

Synnemapestaloides T. Handa & Y. Harada 2004 (H)

Tristratiperidium Daranagama et al. 2016 (H)*

Xyladictyochaeta Hern.-Restr. et al. 2017 (H)*

Xylariomycetidae families *incertae sedis*

Cainiaceae J.C. Krug*

Cainia Arx & E. Müll. 1955 (C)#

Xylariomycetidae genera *incertae sedis*

Pseudosporidesmium K.D. Hyde & McKenzie 2016 (H)*

Sordariomycetes, orders *incertae sedis*

Amplistromatales D'souza et al.

Amplistromataceae Huhndorf et al.

Acidothrix Hujšlová & M. Kolařík 2014 (H)*

Amplistroma Huhndorf et al. 2009 with acrodontium-like asexual morph (H) #

Wallrothiella Sacc. 1882 (H)#

Parasymphodiellales Hern.-Restr. et al.
Parasymphodiellaceae Hern.-Restr. et al.
Parasymphodiella Ponnappa 1975 (H)

Vermiculariopsiellales Hern.-Restr. et al.
Vermiculariopsiellaceae Hern.-Restr. et al.
Vermiculariopsiella Bender 1932 (H)

Xenospadicoidales Hern.-Restr. et al.
Xenospadicoidaceae Hern.-Restr. et al.
Pseudodiplococcium Hern.-Restr. et al. 2017 (H)*
Xenospadicoides Hern.-Restr. et al. 2017 (H)*

Sordariomycetes, genera *incertae sedis*
Botryosporium Corda 1831 (H)*
Calcarisporium Preuss 1851 (H)
Cryptomycella Höhn. 1925 (C)
Didymobotryum Sacc. 1886 (H)
Ellisembia Subram. 1992 (H)
Fantasmomyces DongHyeon Lee et al. 2016 (H)*
Hyalotiopsis Punith. 1970 (C)[#]
Liberomyces Pažoutová et al. 2012 (C)*
Melanographium Sacc. 1913 (H)
Neoeriomycopsis Crous & M.J. Wingf. 2015 (H)*
Neoidriella Hern.-Restr. & Crous 2015 (H)*
Nigrospora Zimm. 1902 (H)[#]
Paradiplococcium Hern.-Restr. et al. 2017 (H)*
Paramicrodochium Hern.-Restr. & Crous 2015 (H)*
Phialemoniopsis Perdomo et al. 2013 (C)*
Phomatospora Sacc. 1875 with sporothrix-like asexual morph (H)[#]
Pleurophragmium Costantin 1888 (H)*
Selenosporella G. Arnaud ex MacGarvie 1969 (H)
Stanjehughesia Subram. 1992 (H)[#]
Tectonidula Réblová 2009 with sporothrix-like and ramichloridium-like asexual morph (H)[#]
Xenodium Syd. 1935 (H)[#]
Zalerion R.T. Moore & Meyers 1962 (H)

Xylonomycetes R. Gazis & P. Chaverri
Xylonomycetales R. Gazis & P. Chaverri
Xylonomycetaceae R. Gazis & P. Chaverri

Symbiotaphrina Kuhl. & Jurzitza ex W. Gams & Arx 1980 (C)
Trinosporium Crous & Decock 2012 (C)*
Xylona Gazis & P. Chaverri 2012 (C)

ASCOMYCOTA families *incertae sedis*
Batistiaceae Samuels & K.F. Rodrigues
Batistia Cif. 1958 (H)[#]

Pseudeurotiaceae Malloch & Cain
Teberdinia Sogonov et al. 2005 (H)

Seuratiaceae Vuill. ex M.E. Barr
Atichia Flot. 1850 (H)

ASCOMYCOTA, genera *incertae sedis*
Abropelta B. Sutton 1986 (C)
Acarella Syd. 1927 (C)
Acarellina Bat. & H. Maia 1960 (C)
Acaroconium Kocourk. & D. Hawksw. 2008 (C)
Acarocybe Syd. 1937 (H)
Acarocybella M.B. Ellis 1960 (H)
Acarocybellina Subram. 1992 (H)
Acarocybiopsis J. Mena et al. 1999 (H)
Acaropeltis Petr. 1937 (C)
Acerviclepeatus Hanlin 1990 (C)
Achoropeltis Syd. 1929 (C)
Acleistia Bayl. Ell. 1917 (C)
Acontium Morgan 1902 (H)
Acrodictyella W.A. Baker & Partr. 2001 (H)
Acrodictyopsis P.M. Kirk 1983 (H)
Acrodontiella U. Braun & Scheuer 1995 (H)
Acrophialophora Edward 1961 (H)
Acrophragmis Kiffer & Reisinger 1970 (H)
Acrospeira Berk. & Broome 1857 (H)
Acrostaurus Deighton & Piroz. 1972 (H)
Actinocladium Ehrenb. 1819 (H)
Actinotexis Arx 1960 (C)
Actinothecium Ces. 1854 (C)
Actinothyrium Kunze 1823 (C)
Acumispora Matsush. 1980 (H)
Aenigmatospora R.F. Castañeda et al. 1999 (H)
Agaricodochium X.J. Liu 1981 (H)
Agarwalomyces R.K. Verma & Kamal 1987 (H)
Agrabeeja Subram. 1995 (H)
Agyriella Sacc. 1884 (H)

- Agyriellopsis* Höhn. 1903 (C)
Ahmadia Syd. 1939 (C)
Ajrekarella Kamat & Kalani 1964 (C)
Alatosessilispora K. Ando & Tubaki 1984
(H)
Alciphila Harmaja 2002 (H)
Algonquinia R.F. Castañeda & W.B. Kendr. 1991 (H)
Alloneottiosporina Nag Raj 1993 (C)
Allothyriella Bat. et al. 1959 (C)
Allothyria Bat. & J.L. Bezerra 1964 (C)
Allothyriopsis Bat. et al. 1959 (C)
Alpakesa Subram. & K. Ramakr. 1954 (C)
Alpakesiopsis Abbas et al. 2003 (C)
Alveariospora Meir. Silva et al. 2012 (H)*
Alveophoma Alcalde 1952 (C)
Alysidiopsis B. Sutton 1973 (H)
Amallospora Penz. 1897 (H)
Amblyosporium Fresen. 1863 (H)
Ameroconium U. Braun & Zhurb. 2013
(H)*
Amerodiscosiella M.L. Farr 1961 (C)
Amerodiscosiellina Bat. & Cavalc. 1966
(C)
Amerosporiopsis Petr. 1941 (C)
Amerosporium Speg. 1882 (C)
Amerosympodula Matsush. 1996 (H)
Amoenodochium Peláez & R.F. Castañeda 1996 (H)
Amoenomyces R.F. Castañeda et al. 1996
(H)
Amphichaetella Höhn. 1916 (H)
Amphichordia Fr. 1825 (H)
Amphophialis R.F. Castañeda et al. 1998
(H)
Amphoropycnium Bat. 1963 (C)
Ampullicephala R.F. Castañeda et al. 2009
(H)
Ampulliferina B. Sutton 1969 (H)
Anabahusakala Carmo et al. 2014 (H)*
Anacoronospora J.S. Monteiro et al. 2016
(H)*
Anacraspedodidymum C.R. Silva et al. 2014 (H)*
Anaexserticlava T.S. Santa Izabel et al. 2015 (H)*
Anaphysmene Bubák 1906 (C)
Anarhyma M.H. Pei & Z.W. Yuan 1986
(C)
Anaselenosporella Heredia et al. 2010 (H)
Anaseptoidium R.F. Castañeda et al. 2012
(H)*
Anaverticicladus P.O. Costa et al. 2016
(H)*
Ancoraspora Mig. Rodr. 1982 (H)
Angiopomopsis Höhn. 1912 (C)
Angulimaya Subram. & Lodha 1964 (H)
Angulospora Sv. Nilsson 1962 (H)
Annelodentimyces Matsush. 1985 (H)
Annelodochium Deighton 1969 (H)
Annellophora S. Hughes 1952 (H)
Annellophorella Subram. 1962 (H)
Annellophragmia Subram. 1963 (H)
Annellospermosporella P.R. Johnst. 1999
(H)
Annellosympodia McTaggart et al. 2007
(H)
Antennatula Fr. ex F. Strauss 1850 (H)
Antennopsis R. Heim 1952 (H)
Anthopsis Fil. March. et al. 1977 (H)
Anthracoderma Speg. 1888 (C)
Antromyces Fresen. 1850 (H)
Anulohypha Cif. 1962 (H)
Anungitopsis R.F. Castañeda & W.B. Kendr. 1990 (H)
Aoria Cif. 1962 (C)
Aphanofalx B. Sutton 1986 (C)
Apiocarpella Syd. & P. Syd. 1919 (C)
Apiosporium Kunze 1817 (C)
Apogloeum Petr. 1954 (C)
Apomelasmia Grove 1937 (C)
Aporellula B. Sutton 1986 (C)
Aposporella Thaxt. 1920 (H)
Apostrasseria Nag Raj 1983 (C)
Arachnophora Hennebert 1963 (H)
Arachnospora R.F. Castañeda et al. 2003
(H)
Arborillus Munt.-Cvetk. & Gómez-Bolea 1998 (H)
Arborispora K. Ando 1986 (H)
Arcuadendron Sigler & J.W. Carmich. 1976 (H)
Ardhachandra Subram. & Sudha 1978 (H)
Argopericonia B. Sutton & Pascoe 1987
(H)
Aristastoma Tehon 1933 (C)
Arthrobotryum Ces. 1854 (C)
Arthrocristula Sigler et al. 1982 (H)
Arthromoniliphora S.S. Silva et al. 2017
(H)*
Arthropycnis Constant. 1992 (C)
Arthrosporium Sacc. 1880 (H)
Arthrowallemia R.F. Castañeda et al. 1998
(H)

- Articulophora* C.J.K. Wang & B. Sutton 1982 (H)
- Artocarpomyces* Subram. 1996 (H)
- Asbolisiomyces* Bat. & H. Maia 1961 (C)
- Ascochytopsis* Henn. 1905 (C)
- Ascochytulina* Petr. 1922 (C)
- Ascospora* Mont. 1849 (C)
- Ashtaangam* Subram. 1995 (H)
- Aspilaima* Bat. & H. Maia 1961 (C)
- Astelechhia* Cif. 1962 (H)
- Asterinothyriella* Bat. & Cif. 1959 (C)
- Asterinothyrium* Bat. et al. 1959 (C)
- Asteroconium* Syd. & P. Syd. 1903 (C)
- Asteroglobulus* Brackel 2011 (C)
- Asteromyces* F. Moreau & V. Moreau 1962 (H)
- Asteroscutula* Petr. 1948 (C)
- Asterostomopora* Bat. & H. Maia 1960 (C)
- Asterostomopsis* Bat. et al. 1959 (C)
- Asterostomula* Theiss. 1916 (C)
- Asterostomulina* Bat. et al. 1964 (C)
- Astronatelia* Bat. & H. Maia 1962 (C)
- Atractilina* Dearn. & Barthol. 1924 (H)
- Atrogeniculata* J.S. Monteiro et al. 2014 (H)*
- Atrosetiphiale* Matsush. 1995 (H)
- Atrosynnema* J.W. Xia et al. 2016 (H)*
- Aurospheeria* Sun J. Lee et al. 2009 (C)
- Avesicladiella* W.P. Wu et al. 1997 (H)
- Avetiaea* Petr. & Syd. 1927 (C)
- Bachmanniomyces* D. Hawksw. 1981 (C)
- Bacillopeltis* Bat. 1957 (C)
- Bactridium* Kunze 1817 (H)
- Bactrodesmiella* M.B. Ellis 1959 (H)
- Badarisama* Kunwar et al. 1986 (H)
- Bahuchashaka* Subram. 1978 (H)
- Bahugada* K.A. Reddy & Vasant Rao 1984 (H)
- Bahukalasa* Subram. & Chandrash. 1979 (H)
- Balaniopsis* P.M. Kirk 1985 (H)
- Balanium* Wallr. 1833 (H)
- Barbarosporina* Kıřırlis 1942 (C)
- Barnettella* D. Rao & P. Rag. Rao 1964 (C)
- Basauxia* Subram. 1995 (H)
- Basifimbria* Subram. & Lodha 1968 (H)
- Batistina* Peres 1961 (C)
- Beauveriphora* Matsush 1975 (H)
- Beccopycnidium* F. Stevens 1930 (C)
- Beejadwaya* Subram. 1978 (H)
- Belemnosporea* P.M. Kirk 1981 (H)
- Bellulicauda* B. Sutton 1967 (C)
- Beltramono* Rashmi Dubey et al. 2011 (H)
- Beltraniomyces* Monohar et al. 2003 (H)
- Beniowskia* Racib. 1900 (H)
- Benjpalia* Subram. & Bhat 1989 (H)
- Bhadradiella* Nagaraju et al. 2011 (H)
- Bhadradiomyces* Sureshk. et al. 2009 (H)
- Bharatheeya* D'Souza & Bhat 2002 (H)
- Bhatia* W.A. Baker & Morgan-Jones 2009 (H)
- Bibanasiella* R.F. Castañeda & W.B. Kendr. 1991 (H)
- Bicoloromyces* Heuchert et al. 2015 (H)*
- Biflagellospora* Matsush. 1975 (H)
- Biflagellosporella* Matsush. 1993 (H)
- Bimeris* Petr. 1949 (C)
- Bioconiosporium* Bat. & J.L. Bezerra 1964 (H)
- Biophomopsis* Petr. 1931 (C)
- Bisbyopeltis* Bat. & A.F. Vital 1957 (C)
- Bispora* Corda 1837 (H)
- Bisporostilbella* Brandsb. & E.F. Morris 1971 (H)
- Bisseomyces* R.F. Castañeda 1985 (H)
- Blastocatena* Subram. & Bhat 1989 (H)
- Blastodictys* M.B. Ellis 1976 (H)
- Blastofusarioides* Matsush. 1996 (H)
- Blastophorella* Boedijn 1937 (H)
- Blastophragma* Subram. 1995 (H)
- Blennoria* Moug. & Fr. 1825 (C)
- Blennoriopsis* Petr. 1919 (C)
- Bleptosporium* Steyaert 1961 (C)
- Blodgettia* Harv. 1858 (H)
- Bomplandiella* Speg. 1886 (H)
- Bostrichonema* Ces. 1867 (H)
- Botryoderma* Papendorf & H.P. Upadhyay 1969 (H)
- Botryodiplodina* Dias & Sousa da Câmara 1954 (C)
- Botryomonilia* Goos & Piroz. 1975 (H)
- Botryostroma* Höhn. 1911 (C)
- Brachycephala* J.S. Monteiro et al. 2015 (H)*
- Brachydesmiella* G. Arnaud ex S. Hughes 1961 (H)
- Brachysporiellina* Subram. & Bhat 1989 (H)
- Brachysporiopsis* Yanna et al. 2004 (H)
- Braunomyces* V.A. Melnik & Crous 2014 (H)*
- Brefeldiopycnis* Petr. & Cif. 1932 (H)
- Brencklea* Petrak 1923 (C)

- Brevicatenospora* R.F. Castañeda et al. 2006 (H)
- Briana* D.R. Reynolds 1989 (H)
- Briosia* Cavares 1888 (H)
- Brycekendrickia* Nag Raj 1973 (C)
- Bryophytomyces* Cif. 1953 (H)
- Bulbilopycnis* Matsush. 1996 (C)
- Bulbocatenospora* R.F. Castañeda & Iturr. 2000 (H)
- Bullaserpens* Bat. et al. 1965 (C)
- Cacumisporium* Preuss 1851 (H)
- Caeruleoconidia* to Zhurb. & Pino-Bodas 2017 (C)*
- Calcarispora* Marvanová & Marvan 1963 (H)
- Calcarisporiella* de Hoog 1974 (H)
- Calceispora* Matsush. 1975 (H)
- Callistospora* Petr. 1955 (C)
- Calocline* Syd. 1939 (C)
- Calongeomyces* D. Hawksw. & Etayo 2011 (H)
- Camaroglobulus* Speer 1986 (C)
- Camaropycnis* E.K. Cash 1945 (C)
- Camarosporellum* Tassi 1902 (C)
- Camarosporiopsis* Abbas et al. 2000 (C)
- Camposporidium* Nawawi & Kuthub. 1988 (H)
- Camptomeris* Syd. 1927 (H)
- Candelabrum* Beverw. 1951 (H)
- Candelosynnema* K.D. Hyde & Seifert 1992 (H)
- Capitorostrum* Bat. 1957 (C)
- Capnocheirides* J.L. Crane & S. Hughes 1982 (H)
- Capnofrasera* S. Hughes 2003 (H)
- Capnosporium* S. Hughes 1976 (H)
- Capsicumyces* Gamundí et al. 1979 (H)
- Carnegieispora* Etayo & F. Berger 2009 (C)
- Carrismyces* R.F. Castañeda & Heredia 2000 (H)
- Casaresia* Gonz. Frag. 1920 (H)
- Castanedaia* W.A. Baker & Partr. 2001 (H)
- Catenella* Bat. & Peres 1963 (C)
- Catenocuneiphora* Matsush. 2003 (H)
- Catenophora* Luttr. 1940 (C)
- Catenophoropsis* Nag Raj & W.B. Kendr. 1988 (C)
- Catenospegazzinia* Subram. 1991 (H)
- Catenosubulispora* Matsush. 1971 (H)
- Catenosynnema* Kodsueb et al. 2007 (H)
- Catenulaster* Bat. & C.A.A. Costa 1959 (C)
- Catinopeltis* Bat. & C.A.A. Costa 1957 (C)
- Catinula* Lév. 1848 (C)
- Cecidiomyces* U. Braun & Zhurb. 2012 (H)*
- Ceeveesubramaniomyces* Pratibha et al. 2005 (H)
- Ceratocladium* Corda 1839 (H)
- Ceratophorum* Sacc. 1880 (H)
- Ceratopycnis* Höhn. 1915 (C)
- Ceratosporella* Höhn. 1923 (H)
- Ceratosporium* Schwein. 1832 (H)
- Cercosperma* G. Arnaud ex B. Sutton & Hodges 1983 (H)
- Ceuthodiplospora* Died. 1912 (C)
- Ceuthosira* Petr. 1924 (C)
- Ceuthosporella* Petr. & Syd. 1923 (C)
- Chaetendophragmia* Matsush. 1971 (H)
- Chaetoblastophorum* Morgan-Jones 1977 (H)
- Chaetochalara* B. Sutton & Piroz. 1965 (H)
- Chaetocystostroma* Petr. 1920 (C)
- Chaetodiplis* Clem. 1931 (C)
- Chaetodiplodina* Speg. 1910 (C)
- Chaetopeltaster* Katum. 1975 (C)
- Chaetophiophoma* Speg. 1910 (C)
- Chaetopsis* Grev. 1825 (H)
- Chaetopyrena* Pass. 1881 (C)
- Chaetoseptoria* Tehon 1937 (C)
- Chalarodendron* C.J.K. Wang & B. Sutton 1984 (H)
- Chalarodes* McKenzie 1991 (H)
- Chantransiopsis* Thaxt. 1914 (H)
- Characonidia* Bat. & Cavalc. 1965 (C)
- Charomyces* Seifert 1987 (H)
- Chasakopama* Manohar. et al. 2009 (H)
- Cheilaria* Lib. 1830 (C)
- Cheiroidea* W.A. Baker & Morgan-Jones 2009 (H)
- Cheiromycella* Höhn. 1910 (H)
- Cheiromyceopsis* Mercado & J. Mena 1988 (H)
- Cheiromyces* Berk. & M.A. Curtis 1857 (H)
- Cheiromycina* B. Sutton 1986 (H)
- Cheiropolyschema* Matsush. 1980 (H)
- Chiastospora* Riess 1852 (C)
- Chithramia* Nag Raj 1988 (C)
- Chlamydomyces* Bainier 1907 (H)

- Chlamydopsis* Hol.-Jech. & R.F. Castañeda 1986 (H)
- Choanatiara* DiCosmo 1984 (C)
- Choreospora* Constant. & R. Sant. 1987 (H)
- Chromosporium* Corda 1829 (H)
- Chrysachne* Cif. 1938 (H)
- Chrysalidopsis* Steyaert 1961 (C)
- Chryseidea* Onofri 1981 (H)
- Cicinnobella* Henn. 1904 (C)
- Ciferria* Gonz. Frag. 1925 (C)
- Ciferriella* Petr. 1930 (C)
- Ciferrina* Petr. 1932 (C)
- Ciferriopeltis* Bat. & H. Maia 1965 (C)
- Ciferrioxiphium* Bat. & H. Maia 1963 (H)
- Ciliochora* Höhn. 1919 (C)
- Ciliophora* Petr. 1929 (C)
- Ciliophorella* Petr. 1940 (C)
- Ciliosporella* Petr. 1927 (C)
- Circinoconiopsis* A. Hern.-Gut. 2013 (H)*
- Circinoconis* Boedijn 1942 (H)
- Cissococcomyces* Brain 1923 (H)
- Civisubramania* Vittal & Dorai 1986 (H)
- Cladoconidium* Bandoni & Tubaki 1985 (H)
- Cladoniicola* Diederich et al. 2001 (C)
- Cladosporiella* Deighton 1965 (H)
- Cladosporiopsis* S.C. Ren & X.G. Zhang 2012 (H)*
- Clasteropycnis* Bat. & Cavalc. 1963 (C)
- Clathroconium* Samson & H.C. Evans 1982 (H)
- Clauzadeomyces* Diederich 1994 (H)
- Clavariana* Nawawi 1976 (H)
- Cleistocystis* Sousa da Câmara 1931 (C)
- Cleistonium* Speer 1986 (C)
- Cleistophoma* Petr. & Syd. 1927 (C)
- Chithramia* Nag Raj 1988 (C)
- Clypeispora* A.W. Ramaley 1991 (C)
- Clypeochorella* Petr. 1923 (C)
- Clypeopatella* Petr. 1942 (C)
- Clypeophialophora* Bat. & Peres 1962 (C)
- Clypeopycnis* Petr. 1925 (C)
- Clypeoseptoria* F. Stevens & P.A. Young 1925 (C)
- Clypeostagonospora* Punith. 1981 (C)
- Coccogloeum* Petr. 1955 (C)
- Codonmyces* Calat. & Etayo 1999 (H)
- Colemaniella* Agnihothr. 1974 (H)
- Coleodictyospora* Charles 1929 (H)
- Coleoseptoria* Petr. 1940 (C)
- Colispora* Marvanová 1988 (H)
- Colletconis* de Hoog & Aa 1978 (C)
- Colletosporium* Link 1824 (H)
- Collostroma* Petr. 1947 (C)
- Columnodomus* Petr. 1941 (C)
- Columnothyrium* Bubák 1916 (C)
- Comatospora* Piroz. & Shoemaker 1971 (C)
- Comocephalum* Syd. 1939 (C)
- Complexipes* C. Walker 1979 (H)
- Condylospora* Nawawi 1976 (H)
- Coniambigua* Etayo & Diederich 1995 (C)
- Conioscyphopsis* Goh & K.D. Hyde 1998 (H)
- Coniothyria* Syd. 1912 (C)
- Conjunctospora* Udagawa & Uchiy. 1999 (H)
- Conostoma* Bat. & J.L. Bezerra 1965 (C)
- Conostroma* Moesz 1921 (C)
- Consetiella* Hol.-Jech. & Mercado 1982 (H)
- Coremiella* Bubák & K. Krieg. 1912 (H)
- Cornucopiella* Höhn. 1915 (C)
- Cornutispora* Piroz. 1973 (C)
- Cornutostilbe* Seifert 1990 (H)
- Corynecercospora* V.K. Pal et al. 2006 (H)
- Corynesporella* Munjal & H.S. Gill 1961 (H)
- Corynesporina* Subram. 2009 (H)
- Corynesporopsis* P.M. Kirk 1981 (H)
- Costanetia* Bat. & J.L. Bezerra 1963 (C)
- Crandallia* Ellis & Sacc. 1897 (C)
- Craneomyces* Morgan-Jones et al. 1987 (H)
- Creodiplodina* Petr. 1957 (C)
- Creonecte* Petr. 1949 (C)
- Creoseptoria* Petr. 1937 (C)
- Creothyriella* Bat. & C.A.A. Costa 1957 (C)
- Cribropeltis* Tehon 1933 (C)
- Crustodiplodina* Punith. 1988 (C)
- Cryptoceuthospora* Petr. 1921 (C)
- Cryptocline* Petr. 1924 (C)
- Cryptocoryneopsis* B. Sutton 1980 (H)
- Cryptophialoidea* Kuthub. & Nawawi 1987 (H)
- Cryptosporium* Kunze 1817 (C)
- Cryptumbellata* Udagawa & Uchiy. 1999 (H)
- Ctenosporium* R. Kirschner 2006 (H)
- Cubasina* R.F. Castañeda 1986 (H)
- Culicidospora* R.H. Petersen 1960 (H)

- Culicinomyces* Couch et al. 1974 (H)
Curucispora Matsush. 1981 (H)
Curvulariopsis M.B. Ellis 1961 (H)
Cyanopatella Petr. 1949 (C)
Cyclomarsonina Petr. 1965 (C)
Cylindrogloeum Petr. 1941 (C)
Cylindromyces Manohar. et al. 2004 (H)
Cylindrothyrium Maire 1907 (C)
Cylindroxypium Bat. & Cif. 1963 (C)
Cystidiella Malan 1943 (Y)
Cystotricha Berk. & Broome 1850 (C)
Cytodiscula Petr. 1931 (C)
Cytogloeum Petr. 1925 (C)
Cytoneaema Höhn. 1914 (C)
Cytoplacosphaeria Petr. 1920 (C)
Cytosphaera Died. 1916 (C)
Cytospora Sacc. 1884 (C)
Cyttariella Palm 1932 (C)
Dactylifera Alcorn 1987 (H)
Dactylosporium Harz 1871 (H)
Dasysticta Speg. 1912 (C)
Davisiella Petr. 1924 (C)
Dearnessia Bubák 1916 (C)
Deccanodia Singhai 1974 (C)
Deichmannia Alstrup & D. Hawksw. 1990 (H)
Delortia Pat. & Gaillard 1888 (H)
Dendrodomus Bubák 1915 (C)
Dendrographiella Agnihothr. 1972 (H)
Dendrographium Masee 1892 (H)
Dendrospora Ingold 1943 (H)
Dendrosporium Plakidas & Edgerton ex J.L. Crane 1972 (H)
Dendryphiosphaera Lunghini & Rambelli 1978 (H)
Dennisographium Rifai 1977 (H)
Denticularia Deighton 1972 (H)
Dentocircinomyces R.F. Castañeda & W.B. Kendr. 1990 (H)
Descalsia A. Roldán & Honrubia 1989 (H)[#]
Desertella Mouch. 1979 (H)
Desmidiospora Thaxt. 1891 (H)
Dexhowardia J.J. Taylor 1970 (H)
Diademospora B.E. Söderstr. & Bååth 1979 (H)
Diarimella B. Sutton 1980 (C)
Dichelostroma Bat. & Peres 1963 (C)
Dicholobodigitus G.P. White & Illman 1988 (H)
Dichotomophthora Mehrl. & Fitzp. ex P.N. Rao 1966 (H)
Dichotomophthoropsis M.B. Ellis 1971 (H)
Dichotophora Whitton et al. 2012 (H)
Dictyoaquaiphila J.S. Monteiro et al. 2016 (H)*
Dictyoarthrinium S. Hughes 1952 (H)
Dictyocatenulata Finley & E.F. Morris 1967 (H)
Dictyoceratospora Y.R. Ma & X.G. Zhang 2016 (H)*
Dictyodesmium S. Hughes 1951 (H)
Dictyophrynella Bat. & Cavalc. 1964 (H)
Dictyopolyschema M.B. Ellis 1976 (H)
Dictyorostrella U. Braun 1999 (H)
Dictyospiropes M.B. Ellis 1976 (H)
Didymochaetina Bat. & J.L. Bezerra 1965 (C)
Didymochora Höhn. 1918 (C)
Didymopsis Sacc. & Marchal 1885 (H)
Didymosporina Höhn. 1916 (C)
Diedickeia Syd. & P. Syd. 1913 (C)
Digicatenosporium S.M. Leão et al. 2015 (H)*
Digitodochium Tubaki & Kubono 1989 (H)
Digitomyces Mercado et al. 2003 (H)
Digitopodium U. Braun et al. 2005 (H)
Digitoramispota R.F. Castañeda & W.B. Kendr. 1990 (H)
Dimastigosporium Faurel & Schotter 1965 (C)
Diplocladiella G. Arnaud ex M.B. Ellis 1976 (H)
Diplodinis Clem. 1931 (C)
Diplodinula Tassi 1902 (C)
Diploplenodomus Died. 1912 (C)
Diplosporonea Höhn. 1917 (C)
Diplozythiella Died. 1916 (C)
Discogloeum Petr. 1923 (C)
Discomycetoidea Matsush. 1993 (H)
Discosiella Syd. & P. Syd. 1912 (C)
Discosiellina Subram. & K.R.C. Reddy 1972 (C)
Discosporina Höhn. 1927 (C)
Discotheciella Syd. & P. Syd. 1917 (C)
Discozythia Petr. 1922 (C)
Dissitimurus E.G. Simmons et al. 1987 (H)
Distophragmia R.F. Castañeda et al. 2015 (H)*
Ditangifibula G.C. Adams 1996 (H)
Domingoella Petr. & Cif. 1932 (H)
Dothideodiplodia Murashk. 1927 (C)

- Dothioropsis* Riedl 1974 (C)
Drepanospora Berk. & M.A. Curtis 1875 (H)
Drudeola Kuntze 1891 (C)
Drumopama Subram. 1957 (H)
Dryosphaera Jørg. Koch & E.B.G. Jones 1989 (C)
Dualomyces Matsush. 1987 (H)
Dwayabeeja Subram. 1958 (H)
Dwayaloma Subram. 1957 (H)
Dwayalomella Brisson et al. 1975 (C)
Dwibahubeeja N. Srivast. et al. 1995 (H)
Dwibeeja Subram. 1995 (H)
Dwiropella Subram. & Muthumary 1986 (C)
Ebollia Minter & Caine 1980 (C)
Echinocatena R. Campb. & B. Sutton 1977 (H)
Echinochondrium Samson & Aa 1975 (H)
Echinoconidiophorum Pereira-Carv. & Dianese 2009 (H)
Elachopeltella Bat. & Cavalc. 1964 (C)
Elattopycnis Bat. & Cavalc. 1964 (C)
Elegantomyces Goh et al. 1998 (H)
Elletevera Deighton 1969 (H)
Ellisembiopsis T.S. Santa Izabel & Gusmão 2013 (H)*
Elotespora R.F. Castañeda & Heredia 2010 (H)
Embryonispora G.Z. Zhao 2013 (H)*
Enantioptera Descals 1983 (H)
Endobotrya Berk. & M.A. Curtis 1874 (C)
Endobotryella Höhn. 1909 (C)
Endoconospora Gjaerum 1971 (H)
Endogenospora R.F. Castañeda et al. 2010 (H)
Endomelanconium Petr. 1940 (C)
Endophragmiopsis M.B. Ellis 1966 (H)
Endoplacodium Petr. 1949 (C)
Endoramularia Petr. 1923 (C)
Endosporoideus W.H. Ho et al. 2005 (H)
Endozythia Petr. 1959 (C)
Enerthidium Syd. 1939 (C)
Engelhardtiella A. Funk 1973 (H)
Enridescalsia R.F. Castañeda & Guarro 1998 (H)
Enthallopycnidium F. Stevens 1925 (C)
Entoderma Hanula et al. 1991 (C)
Epaphroconidia Calat. & V. Atienza 1995 (C)
Ephelidium C.W. Dodge & E.D. Rudolph 1955 (C)
Epiclinium Fr. 1849 (C)
Epicoccospora Budathoki & S.K. Singh 1995 (H)
Epidermidophyton E. Lang 1879 (H)
Epinephroma Zhurb. 2012 (C)*
Episporogoniella U. Braun 1994 (H)
Epistigme Syd. 1924 (C)
Epithyrium (Sacc.) Trotter 1931 (C)
Eriocercospora Deighton 1969 (H)
Eriocercosporella Rak. Kumar et al. 1998 (H)
Eriomycopsis Speg. 1910 (H)
Eriospora Berk. & Broome 1850 (C)
Ernakulamia Subram. 1996 (H)
Erysiphopsis Speg. 1910 (C)
Esteya J.Y. Liou et al. 1999 (H)
Eustilbum Rabenh. 1864 (H)
Evanidomus Caball. 1941 (C)
Everhartia Sacc. & Ellis 1882 (H)
Everniicola D. Hawksw. 1982 (C)
Eversia J.L. Crane & Schokn. 1977 (H)
Excipularia Sacc. 1884 (H)
Exophoma Weedon 1926 (C)
Exosporella Höhn. 1912 (H)
Exosporodiella Ganie et al. 2012 (C)*
Fairmaniella Petr. & Syd. 1926 (C)
Favostroma B. Sutton & E.M. Davison 1983 (C)
Feltgeniomyces Dieder. 1990 (H)
Fenestroconidia Calat. & Etayo 1999 (H)
Fissuricella Pore et al. 1977 (H)
Flabellocladia Nawawi 1985 (H)
Flabellospora Alas. 1968 (H)
Flosculomyces B. Sutton 1978 (H)
Frigidispora K.D. Hyde & Goh 1999 (C)
Fujimyces Minter & Caine 1980 (C)
Fuligomyces Morgan-Jones & Kamal 1984 (H)
Fumagopsis Speg. 1910 (H)
Funicularius K.K. Baker & Zaim 1979 (H)
Furcaspora Bonar 1965 (C)
Fusamen (Sacc.) P. Karst. 1890 (C)
Fuscophialis B. Sutton 1977 (H)
Fusichalara S. Hughes & Nag Raj 1973 (H)
Fusisporella Speg. 1911 (H)
Fusticeps J. Webster & R.A. Davey 1980 (H)
Gampsonema Nag Raj 1975 (C)
Gangliophora Subram. 1992 (H)
Gangliostilbe Subram. & Vittal 1976 (H)
Garnaudia Borowska 1977 (H)

- Gaubaea* Petr. 1942 (C)
Gelatinocrinis Matsush. 1995 (H)
Gelatinopycnis Dyko & B. Sutton 1979 (C)
Gelatinosporium Peck 1873 (C)
Geminoarcus K. Ando 1993 (H)
Gemmulina Descals & Marvanová 1999 (H)
Gilmaniella G.L. Barron 1964 (H)
Glaphyriopsis B. Sutton & Pascoe 1987 (C)
Glioannellodochium Matsush. 1989 (H)
Glioblastocladium Matsush. 1989 (H)
Globoconidiopsis G.F. Sepúlveda et al. 2009 (H)
Globoconidium G.F. Sepúlveda et al. 2009 (H)
Gloeocoryneum Weindlm. 1964 (C)
Gloeodes Colby 1920 (C)
Gloeosporiella Cavares 1892 (H)
Gloiosphaera Höhn. 1902 (H)
Glutinium Fr. 1849 (C)
Goidanichiella G.L. Barron ex W. Gams 2009 (H)
Gonatobotryum Sacc. 1880 (H)
Goniopila Marvanová & Descals 1985 (H)
Goosiella Morgan-Jones et al. 1986 (H)
Goosomyces N.K. Rao & Manohar. 1989 (H)
Grallomyces F. Stevens 1918 (H)
Graphiothecium Fuckel 1870 (H)
Groveolopsis Boedijn 1951 (C)
Guedea Rambelli & Bartoli 1978 (H)
Guelichia Speg. 1886 (H)
Gymnoxyphium Cif. et al. 1963 (C)
Gyrophthrix (Corda) Corda 1842 (H)
Hadronema Syd. & P. Syd. 1909 (H)
Hadrosporium Syd. 1938 (H)
Halysiomycetes E.G. Simmons 1981 (H)
Hansfordia S. Hughes 1951 (H)
Hansfordiopeltis Bat. & C.A.A. Costa 1956 (C)
Hansfordiopeltopsis M.L. Farr 1986 (C)
Hapalosphaeria Syd. 1908 (C)
Haplariopsis Oudem. 1903 (H)
Haplobasidion Erikss. 1889 (H)
Haplolepis Syd. 1925 (C)
Haptocara Drechsler 1975 (H)
Harmoniella V.N. Boriss. 1981 (H)
Harpographium Sacc. 1880 (H)
Harpostroma Höhn. 1928 (C)
Harpostroma Höhn. 1928 (C)
Hawksworthiana U. Braun 1988 (H)
Heimiodora Nicot 1960 (H)
Helensiella Minter et al. 2015 (H)
Helhonia B. Sutton 1980 (C)
Helicodochium J.S. Monteiro et al. 2014 (H)*
Helicofilia Matsush. 1983 (H)
Helicogoosia Hol.-Jech. 1991 (H)
Helicominopsis Deighton 1960 (H)
Helicorhoidion S. Hughes 1958 (H)
Helicosingula P.S. van Wyk et al. 1985 (H)
Helicothyrium I. Hino & Katum. 1961 (C)
Helicoubisia Lunghini & Rambelli 1979 (H)
Heliscella Marvanová 1980 (H)
Heliscina Marvanová 1980 (H)
Helminthosporiomyces G.F. Sepúlveda et al. 2009 (H)
Hemicorynesporella Subram. 1992 (H)
Hemidothis Syd. & P. Syd. 1916 (C)
Hemisphaeropsis Petr. 1947 (C)
Hendersoniella Tassi 1900 (C)
Hendersonina E.J. Butler 1913 (C)
Hendersoniopsis Höhn. 1918 (C)
Hendersonula Speg. 1880 (C)
Hendersonulina Petr. 1951 (C)
Henicospora P.M. Kirk & B. Sutton 1980 (H)
Herposira Syd. 1938 (H)
Herreromyces R.F. Castañeda & W.B. Kendr. 1991 (H)
Heterocephalum Thaxt. 1903 (H)
Heteroconidium Sawada 1944 (H)
Heterosporiopsis Petr. 1950 (H)
Hexacladium D.L. Olivier 1983 (H)
Himantia Pers. 1801 (sterile)
Hinoa Hara & I. Hino 1961 (H)
Hirudinaria Ces. 1856 (H)
Hoehneliella Bres. & Sacc. 1902 (C)
Holubovaea Mercado 1983 (H)
Homalopeltis Bat. & Valle 1961 (C)
Hormiactis Preuss 1851 (H)
Hormiscioideus M. Blackw. & Kimbr. 1979 (H)
Hormocephalum Syd. 1939 (H)
Hormographis Guarro et al. 1986 (H)
Hughesinia J.C. Lindq. & Gamundí 1970 (H)
Humicolopsis Verona 1977 (H)
Hyalobelemnospora Matsush. 1993 (H)

Hyalocamposporium Révay & J. Gönczöl 2007 (H)
Hyalcephalotrichum Nagaraju et al. 2011 (H)
Hyalocladium Mustafa 1977 (H)
Hyalocylindrophora J.L. Crane & Dumont 1978 (H)
Hyalodictyum Woron. 1916 (C)
Hyalohelicomina T. Yokoy. 1974 (H)
Hyalopleiochaeta R.F. Castañeda et al. 1996 (H)
Hyalosynnema Matsush. 1975 (H)
Hyalothyridium Tassi 1900 (C)
Hyalotiella Papendorf 1967 (C)
Hydrometraspora J. Gönczöl & Révay 1985 (H)
Hymenella Fr. 1822 (H)
Hymeniopeltis Bat. 1959 (C)
Hymenobactron (Sacc.) Höhn. 1916 (H)
Hymenopsis Sacc. 1886 (C)
Hyphodiscosia Lodha & K.R.C. Reddy 1974 (H)
Hyphodiscosioides Matsush. 1993 (H)
Hyphopolynema Nag Raj 1977 (H)
Hyphostereum Pat. 1892 (C)
Hyphothyrium B. Sutton & Pascoe 1989 (H)
Hyphozyma de Hoog & M.T. Sm. 1981 (H)
Hypocline Syd. 1939 (C)
Hypodermina Höhn. 1916 (C)
Hypogloeum Petr. 1923 (C)
Hysteridium P. Karst. 1905 (C)
Hysterodiscula Petr. 1942 (C)
Hysteropycnis Hilitzer 1929 (C)
Ialomitzia Gruia 1964 (H)
Idiocercus B. Sutton 1967 (C)
Imicles Shoemaker & Hambl. 2001 (H)
Impudentia Vujanović 2003 (H)
Inesiosporium R.F. Castañeda & W. Gams 1997 (H)
Inifatiella R.F. Castañeda 1985 (H)
Intercalarispora J.L. Crane & Schokn. 1983 (H)
Ionophragmium Peres 1961 (C)
Irpicomycetes Deighton 1969 (H)
Isaria Pers. 1794 (H)
Isariella Henn. 1908 (H)
Ischnostroma Syd. & P. Syd. 1914 (H)
Isthmoconidium Etayo & Fr. Berger 2013 (H)*
Isthmolongispora Matsush. 1971 (H)

Isthmophragmospora Kuthub. & Nawawi 1992 (H)
Isthmospora F. Stevens 1918 (H)
Isthmotricladia Matsush. 1971 (H)
Ityorhoptrum P.M. Kirk 1986 (H)
Iyengarina Subram. 1958 (H)
Jahniella Petr. 1921 (C)
Javonarxia Subram. 1995 (H)
Jayarambhatia J. Pratibha 2013 (H)*
Jerainum Nawawi & Kuthub. 1992 (H)
Jubispora B. Sutton & H.J. Swart 1986 (C)
Junctospora Minter & Hol.-Jech. 1981 (H)
Junewangia W.A. Baker & Morgan-Jones 2002 (H)
Kalamarospora G. Delgado 2011 (H)
Kalchbrenneriella Diederich & M.S. Christ. 2002 (H)
Kaleidosporium Van Warmelo & B. Sutton 1981 (C)
Kamatella Anahosur 1969 (C)
Kamatia V.G. Rao & Subhedar 1976 (H)
Kameshwaromyces Kamal et al. 1986 (H)
Karsteniomyces D. Hawksw. 1980 (C)
Kendrickiella K. Jacobs & M.J. Wingf. 2001 (H)
Ketubakia Kamat et al. 1987 (H)
Kiliophora Kuthub. & Nawawi 1993 (H)
Kionocephala P.M. Kirk 1986 (H)
Kmetia Bres. & Sacc. 1902 (H)
Kmetiopsis Bat. & Peres 1960 (H)
Knemiothyrium Bat. & J.L. Bezerra 1960 (C)
Kodonospora K. Ando 1993 (H)
Kolletes Kohlm. & Volkm.-Kohlm. 2005 (H)
Kontospora A. Roldán et al. 1990 (H)
Korunomyces Hodges & F.A. Ferreira 1981 (H)
Kostermansinda Rifai 1968 (H)
Kostermansindiopsis R.F. Castañeda 1986 (H)
Kramabeeja G.V. Rao & K.A. Reddy 1981 (H)
Kramasamuha Subram. & Vittal 1973 (H)
Kreiseliella Braun 1991 (C)
Kumanasamuha P.Rag. Rao & D. Rao 1964 (H)
Kutilakesa Subram. 1956 (H)
Kyphophora B. Sutton 1991 (C)
Lacellina Sacc. 1913 (H)
Lacellinopsis Subram. 1953 (H)
Laciniocladium Petri 1917 (H)

- Laeviomyces* D. Hawksw. 1981 (C)
Lagenomyces Cavalc. & A.A. Silva 1972 (C)
Lambdasporium Matsush. 1971 (H)
Lambinonia Sérus. & Diederich 2005 (H)
Laocoön J.C. David 1997 (H)
Lappodochium Matsush. 1975 (H)
Lasiodiplodiella Zambett. 1955 (C)
Lasiophoma Speg. 1918 (C)
Lasiothyrium Syd. & P. Syd. 1913 (C)
Lasmeniella Petr. & Syd. 1927 (C)
Latericonis G.V. Rao et al. 1984 (H)
Lateriramulosa Matsush. 1971 (H)
Laterispora Uecker et al. 1982 (H)
Lawalreea Dieder. 1990 (C)
Lecaniocola Brain 1923 (C)
Lecanostictopsis B. Sutton & Crous 1997 (H)
Lecophagus M.W. Dick 1990 (H)
Leeina Petr. 1923 (C)
Leightonimyces D. Hawksw. & B. Sutton 1977 (H)
Lembuncula Cif. 1954 (C)
Lemkea Morgan-Jones & R.C. Sinclair 1983 (H)
Lepisticola W. Gams 2009 (H)
Leprieurinella Bat. & H. Maia 1961 (C)
Leptochlamys Died. 1921 (C)
Leptodermella Höhn. 1915 (C)
Leptodiscella Papendorf 1969 (H)
Leptomelanconium Petr. 1923 (C)
Leptophyllosticta I.E. Brezhnev 1939 (C)
Leptostromella (Sacc.) Sacc. 1884 (C)
Leptothyrella Sacc. 1885 (C)
Leptothyrina Höhn. 1915 (C)
Leptothyrium Kunze 1823 (C)
Leucodochium Syd. & P. Syd. 1917 (H)
Leuliisinea Matsush. 1985 (H)
Libertiella Speg. & Roum. 1880 (H)
Lichenobactridium Diederich & Etayo 1995 (H)
Lichenodiplisiella S.Y. Kondr. & Kudratov 2002 (C)
Lichenohendersonia Calat. & Etayo 2001 (C)
Lichenopuccinia D. Hawksw. & Hafellner 1984 (H)
Lichenostella Calat. & Etayo 1999 (H)
Linkosia A. Hern. Gut. & B. Sutton 1997 (H)
Linochorella Syd. & P. Syd. 1912 (C)
Linodochium Höhn. 1909 (H)
Listeromyces Penz. & Sacc. 1901 (H)
Lobatopedis P.M. Kirk 1979 (H)
Loliomyces Maire 1937 (H)
Lomaantha Subram. 1954 (H)
Lomachashaka Subram. 1956 (H)
Luxuriomyces R.F. Castañeda 1988 (H)
Luzfridiella R.F. Castañeda & W.B. Kendr. 1991 (H)
Lylea Morgan-Jones 1975 (H)
Lysotheca Cif. 1962 (C)
Mackenziella Yanna & K.D. Hyde 2009 (H)
Macroallantina Speer 1987 (C)
Macrodiplodia Sacc. 1884 (C)
Macrotrichum Grev. 1825 (H)
Mahabalella B. Sutton & S.D. Patil 1966 (H)
Manginella Bat. & H. Maia 1961 (C)
Mapletonia B. Sutton 1991 (C)
Margarinomyces Laxa 1930 (H)
Martinellis V.G. Rao & Varghese 1977 (H)
Massalongina Bubák 1916 (C)
Massariothea Syd. 1939 (C)
Matsushimaea Subram. 1978 (H)
Matsushimiella R.F. Castañeda & Heredia 2001 (H)
Matsushimomyces V.G. Rao & Varghese 1979 (H)
Medusamyces G.L. Barron & Szijarto 1990 (H)
Megalodochium Deighton 1960 (H)
Megaloseptoria Naumov 1925 (C)
Melanocephala S. Hughes 1979 (H)
Melanophoma Papendorf & J.W. du Toit 1967 (C)
Melophia Sacc. 1884 (C)
Menidochium R.F. Castañeda & W.B. Kendr. 1990 (H)
Mercadinula M. Hernández-Restrepo et al. 2011 (H)
Mercadomyces J. Mena 1988 (H)
Merismella Syd. 1927 (C)
Metadiplodia Syd. 1937 (C)
Metazythia Petr. 1950 (C)
Metazythiopsis M. Morelet 1988 (C)
Microblastosporon Cif. 1930 (H)
Microclava F. Stevens 1917 (H)
Microdiscula Höhn. 1915 (C)
Microdothiorella C.A.A. Costa & Sousa da Câmara 1955 (C)

- Microhendersonula* Dias & Sousa da Câmara 1952 (C)
- Microperella* Höhn. 1909 (C)
- Micropustulomyces* R.W. Barreto 1995 (C)
- Microtyle* Speg. 1919 (C)
- Microxyphiella* Speg. 1918 (C)
- Microxyphiopsis* Bat. 1963 (C)
- Milospium* D. Hawksw. 1975 (H)*
- Mindoa* Petr. 1949 (C)
- Minimidochium* B. Sutton 1969 (H)
- Minteriella* Heredia et al. 2013 (H)*
- Minutoexcipula* V. Atienza & D. Hawksw. 1994 (H)
- Minutophoma* D. Hawksw. 1981 (C)
- Mirandina* G. Arnaud ex Matsush. 1975 (H)
- Miricatena* Punith. & Spooner 2011 (H)
- Mirimyces* Nag Raj 1993 (C)
- Mixtoconidium* Etayo 1995 (C)
- Mohgaonidium* Singhai 1974 (C)
- Monochaetiella* E. Castell. 1943 (C)
- Monochaetinula* Muthumary et al. 1986 (C)
- Monochaetopsis* Pat. 1931 (H)
- Monodia* Breton & Faurel 1970 (C)
- Monodidymaria* U. Braun 1994 (H)
- Monodisma* Alcorn 1975 (H)
- Monostichella* Höhn. 1916 (C)
- Moralesia* Urries 1956 (C)
- Morosporium* Renault & Roche 1898 (C)
- Morrisographium* M. Morelet 1968 (H)
- Mucosetospora* M. Morelet 1972 (C)
- Muiogone* Thaxt. 1914 (H)
- Muirella* R. Sprague 1959 (H)
- Murogenella* Goos & E.F. Morris 1965 (H)
- Mycelephas* R.F. Castañeda 2009 (H)
- Mycocentrodochium* K. Matsush. & Matsush. 1996 (H)
- Mycoënterolobium* Goos 1970 (H)
- Mycomyces* Wyss-Chod. 1928 (H)
- Mycopara* Bat. & J.L. Bezerra 1960 (C)
- Mycospraguea* U. Braun & Rogerson 1993 (C)
- Mycosticta* Höhn. 1918 (C)
- Mycosylva* M.C. Tulloch 1973 (H)
- Mycousteria* M.L. Farr 1986 (C)
- Myiocoprula* Petr. 1955 (C)
- Myriellina* Höhn. 1915 (C)
- Myrmecomycetes* Jouvenaz & Kimbr. 1991 (H)
- Myrotheciastrum* Abbas & B. Sutton 1988 (H)
- Mystrosporiella* Munjal & Kulshr. 1969 (H)
- Myxoparaphysella* Caball. 1941 (C)
- Myxosporella* Sacc. 1881 (C)
- Myxosporidiella* Negru 1960 (C)
- Myxostomellina* Syd. 1931 (C)
- Myxothyriopsis* Bat. & A.F. Vital 1956 (C)
- Myxothyrium* Bubák & Kabát 1915 (C)
- Naemosphaera* P. Karst. 1888 (C)
- Naemosphaerella* Höhn. 1923 (C)
- Nagrajia* R.F. Castañeda & W.B. Kendr. 1991 (C)
- Nagrajomyces* Mel'nik 1984 (C)
- Nakatopsis* Whitton et al. 2001 (H)
- Nanoschema* B. Sutton 1980 (C)
- Naothyrsium* Bat. 1960 (C)
- Necraphidium* Cif. 1951 (H)
- Nematogonum* Desm. 1834 (H)
- Nematographium* Goid. 1935 (H)
- Nemozythiella* Höhn. 1925 (C)
- Neopalpatesa* Punith. 1981 (C)
- Neoarbuscula* B. Sutton 1983 (H)
- Neobarclaya* Sacc. 1899 (C)
- Neodiplodina* Petr. 1954 (C)
- Neofuckelia* Zeller & Goodd. 1935 (C)
- Neoheteroceras* Nag Raj 1993 (C)
- Neojohnstonia* B. Sutton 1983 (H)
- Neolignella* Naumov 1951 (C)
- Neomarssoniella* U. Braun 1991 (C)
- Neomelanconium* Petr. 1940 (C)
- Neopeltis* Syd. 1937 (C)
- Neopericonia* Kamal et al. 1983 (H)
- Neophoma* Petr. & Syd. 1927 (C)
- Neoplaconema* B. Sutton 1977 (C)
- Neopodoconis* Rifai 2008 (H)
- Neospegazzinia* Petr. & Syd. 1936 (C)
- Neottiospora* Desm. 1843 (C)
- Neozythia* Petr. 1958 (C)
- Neta* Shearer & J.L. Crane 1971 (H)
- Nidulispora* Nawawi & Kuthub. 1990 (H)
- Nigrolentilocus* R.F. Castañeda et al. 2001 (H)
- Nigromacula* Etayo 2002 (H)
- Nigropuncta* D. Hawksw. 1981 (C)
- Nosophloea* Fr. 1849 (C)
- Nothospora* Peyronel 1913 (H)
- Novozymia* W.P. Wu 2005 (H)
- Nummospora* E. Müll. & Shoemaker 1964 (C)
- Nusia* Subram. 1995 (H)
- Nyctalospora* E.F. Morris 1972 (H)
- Nypaella* K.D. Hyde & B. Sutton 1992 (C)

- Obeliospora* Nawawi & Kuthub. 1990 (H)
Obstipipilus B. Sutton 1968 (C)
Octopodotus Kohlm. & Volkm.-Kohlm. 2003 (C)
Odontodictyospora Mercado 1984 (H)
Oedothea Syd. 1930 (H)
Ojibwaya B. Sutton 1973 (H)
Olpitrichum G.F. Atk. 1894 (H)
Omega B. Sutton & Minter 1988 (C)
Oncopodium Sacc. 1904 (H)
Oncospora Kalchbr. 1880 (C)
Oncosporella P. Karst. 1887 (C)
Oncostroma Bat. & Marasas 1966 (C)
Onychophora W. Gams et al. 1984 (H)
Oosporidium Stautz 1931 (Y)
Oothyrium Syd. 1939 (C)
Ophiosira Petr. 1955 (C)
Orbimyces Linder 1944 (H)
Orphanocoela Nag Raj 1989 (C)
Ostracoderma Fr. 1825 (C)
Ostracodermidium Mukerji 1973 (H)
Oswaldina Rangel 1921 (C)
Ovadendron Sigler & J.W. Carmich. 1976 (H)
Paathramaya Subram. 1956 (H)
Pachycladina Marvanová 1987 (H)
Palawaniopsis Bat. et al. 1959 (C)
Paliphora Sivan. & B. Sutton 1985 (H)
Papilionospora V.G. Rao & B. Sutton 1976 (H)
Pappimyces B. Sutton & Hodges 1975 (H)
Paraaoria R.K. Verma & Kamal 1987 (C)
Paraarthrocladium Matsush. 1993 (H)
Parablastocatena Y.D. Zhang & X.G. Zhang 2012 (H)*
Paraceratocladium R.F. Castañeda 1987 (H)
Parachionomyces Thaung 1979 (H)
Paracostantinella Subram. & Sudha 1989 (H)
Paracryptophiale Kuthub. & Nawawi 1994 (H)
Paracytospora Petr. 1925 (C)
Paradendryphiopsis M.B. Ellis 1976 (H)
Paradidymobotryum C.J.K. Wang & B. Sutton 1984 (H)
Paradiplodia Speg. ex Trotter 1931 (C)
Paradiscloridium Bhat & B. Sutton 1985 (H)
Paradiscula Petr. 1941 (C)
Paraëpicoccum Matsush. 1993 (H)
Parafulvia Kamal et al. 1983 (H)
Parahaplotrichum W.A. Baker & Partr. 2001 (H)
Paraharknessia Matsush. 2003 (H)
Parahyalotriopsis Nag Raj 1976 (C)
Paramassariothea Subram. & Muthumary 1979 (C)
Paramenisporopsis Matsush. 2003 (H)
Parapericonia M.B. Ellis 1976 (H)
Parapericoniella U. Braun et al. 2005 (H)
Paraphaeoisaria de Hoog & Morgan-Jones 1978 (H)
Parapithomyces Thaung 1976 (H)
Parapyricularia M.B. Ellis 1972 (H)
Pararobillarda Matsush. 1996 (C)
Parasphaeropsis Petr. 1953 (C)
Parastigmatellina Bat. & C.A.A. Costa 1959 (C)
Paratetraploa M.K.M. Wong & K.D. Hyde 2002 (H)
Paratomenticola M.B. Ellis 1976 (H)
Paratrichoconis Deighton & Piroz. 1972 (H)
Paraulocladium R.F. Castañeda 1986 (H)
Paspalomyces Linder 1933 (H)
Patriciomyces D. Hawksw. 2001 (H)
Peethasthabeeja P. Rag. Rao 1981 (H)
Pellionella (Sacc.) Sacc. 1902 (C)
Peltasterinostroma Punith. 1975 (C)
Peltasteropsis Bat. & H. Maia 1959 (C)
Peltistroma Henn. 1904 (C)
Peltistromella Höhn. 1907 (C)
Peltosoma Syd. 1925 (C)
Peltostromellina Bat. & A.F. Vital 1959 (C)
Peltostromopsis Bat. & A.F. Vital 1959 (C)
Penzigomyces Subram. 1992 (H)
Perelegamyces R.F. Castañeda & W.B. Kendr. 1990 (H)
Perizomella Syd. 1927 (C)
Pestalozziella Sacc. & Ellis ex Sacc. 1882 (C)
Petrakiopsis Subram. & K.R.C. Reddy 1968 (H)
Peyronelia Cif. & Gonz. Frag. 1927 (H)
Phacostroma Petr. 1955 (C)
Phacostromella Petr. 1955 (C)
Phaeoblastophora Partr. & Morgan-Jones 2002 (H)
Phaeocandelabrum R.F. Castañeda et al. 2009 (H)
Phaeodactylium Agnihothr. 1968 (H)

- Phaeodiscula* Cub. 1891 (C)
Phaeodorus Höhn. 1909 (C)
Phaeohiratsukaea Udagawa & Iwatsu 1990 (H)
Phaeoidiomyces Dorn.-Silva & Dianese 2004 (H)
Phaeolabrella Speg. 1912 (C)
Phaeomonilia R.F. Castañeda et al. 2007 (H)
Phaeomonostichella Keissl. ex Petr. 1941 (C)
Phaeophloeospora Crous & B. Sutton 1997 (C)
Phaeophomopsis Höhn. 1917 (C)
Phaeoschizotrichum Silva et al. 2015 (H)*
Phaeosporobolus D. Hawksw. & Hafellner 1986 (H)
Phaeostalagmus W. Gams 1976 (H)
Phaeothyrium Petr. 1947 (C)
Phaeotrichoconis Subram. 1956 (H)
Phaeoxyphiella Bat. & Cif. 1963 (C)
Phalangispora Nawawi & J. Webster 1982 (H)
Phialoarthrobotryum Matsush. 1975 (H)
Phialogeniculata Matsush. 1971 (H)
Phialophaeoisaria Matsush. 1995 (H)
Phialosporostilbe Mercado & J. Mena 1985 (H)
Phialostele Deighton 1969 (H)
Phialotubus R.Y. Roy & Leelav. 1966 (H)
Phloeconis Fr. 1849 (H)
Phloeosporina Höhn. 1924 (C)
Phlyctaeniella Petr. 1922 (C)
Phomachora Petr. & Syd. 1925 (C)
Phomachorella Petr. 1947 (C)
Phomatospora Tak. Kobay. & K. Sasaki 1982 (C)
Phomyces Clem. 1931 (C)
Phragmoconidium G.F. Sepúlveda et al. 2009 (H)
Phragmopeltis Henn. 1904 (C)
Phragmospathula Subram. & N.G. Nair 1966 (H)
Phragmospathulella J. Mena & Mercado 1986 (H)
Phragmotrichum Kunze 1823 (C)
Phylloedium Fr. 1825 (H)
Phyllohendersonia Tassi 1902 (C)
Physalidiella Rulamort 1990 (H)
Physalidiopsis R.F. Castañeda & W.B. Kendr. 1990 (H)
Piggotia Berk. & Broome 1851 (C)
Pinatubo J.B. Manandhar & Mew 1996 (H)
Piperivora Siboe et al. 1999 (H)
Piricauda Bubák 1914 (H)
Piricaudilium Hol.-Jech. 1988 (H)
Piricaudiopsis J. Mena & Mercado 1987 (H)
Pirispore Faurel & Schotter 1966 (C)
Pirostomella Sacc. 1914 (H)
Pithosira Petr. 1949 (H)
Pittostroma Kowalski & T.N. Sieber 1992 (C)
Placella Syd. 1938 (C)
Placodiplodia Bubák 1916 (C)
Placomelan Cif. 1962 (C)
Placonema (Sacc.) Petr. 1921 (C)
Placonemina Petr. 1921 (C)
Placosphaerina Maire 1917 (C)
Placotheca Syd. 1931 (C)
Placothyrium Bubák 1916 (C)
Plagiotigmella Petr. 1949 (C)
Plasia Sherwood 1981 (C)
Plectonaemella Höhn. 1915 (C)
Plectopeltis Syd. 1927 (C)
Plectophomopsis Petr. 1922 (C)
Plectosira Petr. 1929 (C)
Plectronidiopsis Nag Raj 1979 (C)
Plectronidium Nag Raj 1977 (C)
Plenocatenulis Bat. & Cif. 1959 (C)
Plenophysa Syd. & P. Syd. 1920 (C)
Plenotrichopsis Bat. 1961 (C)
Plenotrichum Syd. 1927 (C)
Plenozythia Syd. & P. Syd. 1916 (C)
Pleocouturea G. Arnaud 1911 (C)
Plesiospora Drechsler 1971 (H)
Pleurocolla Petr. 1924 (H)
Pleurodesmospora Samson et al. 1979 (H)
Pleurodiscula Höhn. 1926 (C)
Pleurodomus Petr. 1934 (C)
Pleuropedium Marvanová & S.H. Iqbal 1973 (H)
Pleurophomopsis Petr. 1924 (C)
Pleuroplaconema Petr. 1923 (C)
Pleuroplacosphaeria Syd. 1928 (C)
Pleurostromella Petr. 1922 (C)
Pleurotheciopsis B. Sutton 1973 (H)
Pleurothyriella Petr. & Syd. 1925 (C)
Pleurovularia R. Kirschner & U. Braun 2002 (H)
Pocillopyncis Dyko & B. Sutton 1979 (C)
Podoplaconema Petr. 1921 (C)
Podosporiella Ellis & Everh. 1894 (H)

- Podosporiopsis* Jian Ma et al. 2016 (H)*
Podosporium Schwein. 1832 (H)
Poikilosperma Bat. & J.L. Bezerra 1961 (C)
Polybulbophiale Goh & K.D. Hyde 1998 (H)
Polychaetella Speg. 1918 (C)
Polycladium Ingold 1959 (H)
Polydesmus Mont. 1845 (H)
Polyetron Bat. & Peres 1963 (C)
Polylobatispora Matsush. 1996 (H)
Polypaecilum G. Sm. 1961 (H)
Polyrostrata T.P. Devi & N. Mathur 2009 (C)
Polystomellomyces Bat. 1959 (C)
Polystrotrictus Matsush. 1993 (H)
Polysynnema Constant. & Seifert 1988 (H)
Polytretophora Mercado 1983 (H)
Porocladium Descals 1976 (H)
Poropeltis Henn. 1904 (C)
Porophilomyces U. Braun 2000 (H)
Porosubramaniania Hol.-Jech. 1985 (H)
Porrectotheca Matsush. 1996 (C)
Proboscispora Punith. 1984 (C)
Prosthemella Sacc. 1881 (H)
Protostegiomyces Bat. & A.F. Vital 1955 (C)
Protostroma Bat. 1957 (C)
Psammia Sacc. & M. Rousseau ex E. Bommer & M. Rousseau 1891 (C)
Pseudoacrodictys W.A. Baker & Morgan-Jones 2003 (H)
Pseudoanguillospora S.H. Iqbal 1974 (H)
Pseudoaristastoma Suj. Singh 1979 (C)
Pseudoasperisporium U. Braun 2000 (H)
Pseudobasidiospora Dyko & B. Sutton 1978 (C)
Pseudocanalisorium R.F. Castañeda & W.B. Kendr. 1991 (H)
Pseudocenangium P. Karst. 1886 (C)
Pseudochuppia Kamal et al. 1984 (H)
Pseudoclathrosphaerina Voglmayr 1997 (H)
Pseudoconium Petr. 1969 (C)
Pseudocytosphaeria Punith. & Spooner 2002 (C)
Pseudocytospora Petr. 1923 (C)
Pseudodichomera Höhn. 1918 (C)
Pseudodidymaria U. Braun 1993 (H)
Pseudodiplodia (P. Karst.) Sacc. 1884 (C)
Pseudodiscula Laubert 1911 (C)
Pseudofuscophialis Sivan. & H.S. Chang 1995 (H)
Pseudogaster Höhn. 1907 (H)
Pseudographiella E.F. Morris 1966 (H)
Pseudomeria G.L. Barron 1980 (H)
Pseudomicrodochium B. Sutton 1975 (H)
Pseudoneottiospora Faurel & Schotter 1965 (C)
Pseudopatellina Höhn. 1908 (C)
Pseudopeltistroma Katum. 1975 (C)
Pseudopenidiella Crous & Koukol 2012 (H)*
Pseudopetrakia M.B. Ellis 1971 (H)
Pseudophloeosporella U. Braun 1993 (C)
Pseudophragmotrichum W.P. Wu et al. 1998 (C)
Pseudopolystigmina Murashk. 1928 (C)
Pseudoramularia Matsush. 1983 (H)
Pseudorhizopogon Kobayasi 1983 (C)
Pseudoschizothyra Punith. 1980 (C)
Pseudosigmoidea K. Ando & N. Nakam. 2000 (H)
Pseudostegia Bubák 1906 (C)
Pseudothyrium Höhn. 1927 (C)
Pseudotorula Subram. 1958 (H)
Pseudotracylla B. Sutton & Hodges 1976 (C)
Pseudotrichoconis W.A. Baker & Morgan-Jones 2001 (H)
Pseudozythia Höhn. 1902 (C)
Pterulopsis Wakef. & Hansf. 1943 (H)
Pterygosporopsis P.M. Kirk 1983 (H)
Pucciniospora Speg. 1886 (C)
Pulchromyces Hennebert 1973 (H)
Pullospora Faurel & Schotter 1965 (C)
Pulvinella A.W. Ramaley 2001 (H)
Punctillina Toro 1934 (C)
Pycnidioarxiella Punith. & N.D. Sharma 1980 (C)
Pycnidiopeltis Bat. & C.A.A. Costa 1959 (C)
Pycnis Bref. 1881 (C)
Pycnodactylus Bat. et al. 1967 (C)
Pycnodallia Kohlm. & Volkm.-Kohlm. 2001 (C)
Pycnoharknessia Matsush. 1996 (C)
Pycnomma Syd. 1924 (C)
Pycnomoreletia Rulamort 1990 (C)
Pycnoseynesia Kuntze 1898 (C)
Pycnothera N.D. Sharma & G.P. Agarwal 1974 (C)
Pycnothyriella Bat. 1952 (C)

- Pycnothyrium* Died. 1913 (C)
Pyramidospora Sv. Nilsson 1962 (H)
Pyrenyllum Clem. 1909 (C)
Pyrgostroma Petr. 1951 (C)
Pyripnomys Cavalc. 1972 (C)
Quadracaea Lunghini et al. 1996 (H)
Quadricladium Nawawi & Kuthub. 1989 (H)
Quasidiscus B. Sutton 1991 (C)
Queenslandia Bat. & H. Maia 1959 (C)
Quezelia Faurel & Schotter 1965 (C)
Radiatispora Matsush. 1995 (H)
Raizadenia S.L. Srivast. 1981 (H)
Ramakrishnanella Kamat & Ullasa ex Ullasa 1970 (C)
Ramicapitulum Whitton et al. 2012 (H)
Ramicephala Voglmayr & G. Delgado 2003 (H)
Ramoconidiifera B. Sutton et al. 1996 (H)
Redbia Deighton & Piroz. 1972 (H)
Refractohilum D. Hawksw. 1977 (H)
Repetoblastiella R.F. Castañeda et al. 2010 (H)
Retroconis de Hoog & Bat. Vegte 1989 (H)
Rhabdoclema Syd. 1939 (C)
Rhabdogloeopsis Petr. 1925 (C)
Rhabdostromella Höhn. 1915 (C)
Rhabdostromina Died. 1921 (C)*
Rhexoacrodictys W.A. Baker & Morgan-Jones 2002 (H)
Rhexoampullifera P.M. Kirk 1982 (H)
Rhexoprolifer Matsush. 1996 (H)
Rhinotrichella G. Arnaud ex de Hoog 1977 (H)
Rhipidocephalum Trail 1888 (H)
Rhizosphaerina B. Sutton 1986 (C)
Rhodesia Grove 1937 (C)
Rhodesiopsis B. Sutton & R. Campb. 1979 (C)
Rhodosticta Woron. 1911 (C)
Rhodothallus Bat. & Cif. 1959 (H)
Rhombostilbella Zimm. 1902 (H)
Rhopalocladium Schroers et al. 1999 (H)
Rhynchodiplodia Briosi & Farneti 1906 (C)
Rhynchomyces Willk. 1866 (H)
Rhynchoseptoria Unamuno 1940 (C)
Rhynchosporina Arx 1957 (H)
Riclaretia Peyronel 1915 (H)
Rileyia A. Funk 1979 (C)
Robakia Petr. 1952 (C)
Rogergoosiella A. Hern. et al. 1996 (H)
Roscoepoundia Kuntze 1898 (C)
Rosulomyces S. Marchand & Cabral 1976 (H)
Rota Bat. et al. 1959 (C)
Ruggieria Cif. & Montemart. 1958 (C)
Sadasivania Subram. 1957 (H)
Sanjuanomyces R.F. Castañeda & W.B. Kendr. 1991 (H)
Santapauinda Subram. 1995 (H)
Saprophragma K.B. Deshp. & K.S. Deshp. 1966 (H)
Sarcinosporon D.S. King & S.C. Jong 1975 (H)
Sarcophoma Höhn. 1916 (C)
Sarophorum Syd. & P. Syd. 1916 (H)
Satchmopsis B. Sutton & Hodges 1975 (C)
Sativumoides S.C. Ren et al. 2012 (H)*
Scaphidium Clem. 1901 (C)
Scenomyces F. Stevens 1927 (H)
Sceptrifera Deighton 1965 (H)
Schizothyra Bat. & C.A.A. Costa 1957 (C)
Schizothyrella Thüm. 1880 (C)
Schizothyropsis Bat. & A.F. Vital 1960 (C)
Schizotrichum McAlpine 1903 (H)
Schroeteria G. Winter 1881 (H)
Schwarzmannia Pisareva 1968 (C)
Scirrhophoma Petr. 1941 (C)
Sclerococcum Fr. 1825 (H)
Sclerographiopsis Deighton 1973 (H)
Sclerographium Berk. 1854 (H)
Scleromeris Syd. 1926 (C)
Sclerophoma Höhn. 1909 (C)
Scleropycnis Syd. & P. Syd. 1911 (C)
Sclerotiella A.K. Sarbhoy & A. Sarbhoy 1975 (H)
Sclerozythia Petch 1937 (C)
Scolecobasidiella M.B. Ellis 1971 (H)
Scolecobeltrania Iturr. et al. 2013 (H)*
Scolecodoichium K. Matsush. & Matsush. 1996 (H)
Scolecosporiella Petr. 1921 (C)
Scolecotheca Søchting & B. Sutton 1997 (C)
Scolecozythia Curzi 1927 (C)
Scoliotidium Bat. & Cavalc. 1963 (C)
Scopaphoma Dearn. & House 1925 (C)
Scopulariella Gjaerum 1971 (H)
Scothelius Bat. et al. 1965 (C)
Scutisporus K. Ando & Tubaki 1985 (H)
Scutopeltis Bat. & H. Maia 1957 (C)
Scutopycnis Bat. 1957 (C)

Seimatosporiopsis B. Sutton et al. 1972 (C)
Selenosira Petr. 1957 (C)
Selenosporopsis R.F. Castañeda & W.B. Kendr. 1991 (H)
Semipseudocercospora J.M. Yen 1983 (H)
Septocytella Syd. 1929 (C)
Septogloeum Sacc. 1880 (C)
Septomyxella (Höhn.) Höhn. 1923 (C)
Septopatella Petr. 1925 (C)
Septosporiopsis W.A. Baker & Morgan-Jones 2009 (H)
Septosporium Corda 1831 (H)
Septotrullula Höhn. 1902 (H)
Sessiliospora D. Hawksw. 1979 (H)
Setolibertella Punith. & Spooner 1999 (C)
Setophiale Matsush. 1995 (H)
Setosporella Mustafa & Abdul-Wahid 1989 (H)
Setosynnema D.E. Shaw & B. Sutton 1985 (H)
Seychellomyces Matsush. 1981 (H)
Seynesiopsis Henn. 1904 (C)
Shawiella Hansf. 1957 (C)
Sheariella Petr. 1952 (C)
Sheathnema Dubey & Moonambeth 2014 (H)*
Shivomyces Hosag. 2004 (H)
Siamia V. Robert et al. 2000 (H)
Sigmatomyces Sacc. & P. Syd. 1913 (H)
Simmonsella J.L. Crane & A.N. Mill. 2016 (H)*
Sirexscipula Bubák 1907 (C)
Sirocyphis Clem. 1909 (C)
Sirodochiella Höhn. 1925 (H)
Sirogloea Petr. 1923 (C)
Sirologniella Naumov 1926 (C)
Sirophoma Höhn. 1917 (C)
Siroplacodium Petr. 1940 (C)
Siropleura Petr. 1934 (C)
Siroscyphellina Petr. 1923 (C)
Sirosperma Syd. & P. Syd. 1916 (C)
Sirosphaera Syd. & P. Syd. 1913 (C)
Sirosporonaemella Naumov 1951 (C)
Sirothecium P. Karst. 1887 (C)
Sirothyriella Höhn. 1910 (C)
Sirothyrium Syd. & P. Syd. 1916 (C)
Sirozythia Höhn. 1904 (C)
Sirozythiella Höhn. 1909 (C)
Sitochora H.B.P. Upadhyay 1964 (C)
Slimacomycetes Minter 1986 (H)

Soloacrospora W.B. Kendr. & R.F. Castañeda 1991 (H)
Solosympodiella Matsush. 1971 (H)
Solotermiospora Matsush. 1996 (H)
Spegazzinia Sacc. 1879 (H)
Spermatoloncha Speg. 1908 (H)
Spermochaetella Cif. 1954 (C)
Spermospora R. Sprague 1948 (H)
Spermosporella Deighton 1969 (H)
Sphaeridium Fresen. 1852 (H)
Sphaeriestromella Bubák 1916 (C)
Sphaeriothyrium Bubák 1916 (C)
Sphaeromma H.B.P. Upadhyay 1964 (C)
Sphaeronema Fr. 1815 (C)
Sphaerophoma Petr. 1924 (C)
Sphaerulomyces Marvanová 1977 (H)
Sphondylocephalum Stalpers 1974 (H)
Spicularia Pers. 1822 (H)
Spilodochium Syd. 1927 (H)
Spinulospora Deighton 1973 (H)
Spiralum J.L. Mulder 1975 (H)
Spiropes Cif. 1955 (H)
Spondylocladiella Linder 1934 (H)
Spondylocladiopsis M.B. Ellis 1963 (H)
Sporhaplus H.B.P. Upadhyay 1964 (C)
Sporidesmiopsis Subram. & Bhat 1989 (H)
Sporoglena Sacc. 1894 (H)
Sporophiala P.Rag. Rao 1970 (H)
Sporophora Luteraan 1952 (H)
Stachybotryella Ellis & Barthol. 1902 (H)
Stachybotryna Tubaki & T. Yokoy. 1971 (H)
Stagonopatella Petr. 1927 (C)
Stagonopsis Sacc. 1884 (C)
Stagonosporina Tassi 1902 (C)
Stagonostromella Petr. & Syd. 1927 (C)
Staheliella Emden 1974 (H)
Stalagmochaetia Cif. & Bat. 1963 (C)
Stauronema (Sacc.) Syd. et al. 1916 (C)
Stauronematopsis Abbas et al. 2002 (C)
Staurophoma Höhn. 1907 (C)
Stegonsporiopsis Van Warmelo & B. Sutton 1981 (C)
Stellomyces Morgan-Jones et al. 1987 (H)
Stellopeltis Bat. & A.F. Vital 1959 (C)
Stellospora Alcorn & B. Sutton 1984 (H)
Stellothyriella Bat. & Cif. 1959 (C)
Stemphyliomma Sacc. & Traverso 1911 (H)
Stenellopsis B. Huguenin 1966 (H)
Stenocephalopsis Chamuris & C.J.K. Wang 1998 (H)

- Stenocладиella* Marvanová & Descals 1987 (H)
- Stenospora* Deighton 1969 (H)
- Stephembruneria* R.F. Castañeda 1988 (H)
- Stevensonula* Petr. 1952 (C)
- Stichospora* Petr. 1927 (C)
- Stictopatella* Höhn. 1918 (C)
- Stictosepta* Petr. 1964 (C)
- Stigmatellina* Bat. & H. Maia 1960 (C)
- Stigmella* Lév. 1842 (C)
- Stigmia* Sacc. 1980 (H)
- Stigmopeltis* Syd. 1927 (C)
- Stilbellula* Boedijn 1951 (H)
- Stilbodendron* Syd. & P. Syd. 1916 (H)
- Stilbophoma* Petr. 1942 (C)
- Stilbothamnium* Henn. 1896 (H)
- Strasseria* Bres. & Sacc. 1902 (C)
- Strasseriosis* B. Sutton & Tak. Kobay. 1970 (C)
- Stratiphoromyces* Goh & K.D. Hyde 1998 (H)
- Striosphaeropsis* Verkley & Aa 1997 (C)
- Stromatocrea* W.B. Cooke 1952 (H)
- Stromatopogon* Zahlbr. 1897 (C)
- Stromatopycnis* A.F. Vital 1956 (C)
- Stromatostysanus* Höhn. 1919 (H)
- Strongylothallus* Bat. & Cif. 1959 (H)
- Stygiomyces* Coppins & S.Y. Kondr. 1995 (C)
- Stylaspergillus* B. Sutton et al. 1982 (H)
- Subhysteropycnis* Wedin & Hafellner 1998 (C)
- Subicularium* M.L. Farr & Goos 1989 (H)
- Subramania* D. Rao & P.Rag. Rao 1964 (H)
- Subramanianospora* Narayanan et al. 2003 (H)
- Subulispora* Tubaki 1971 (H)
- Suttoniella* S. Ahmad 1961 (C)
- Suttonina* H.C. Evans 1984 (C)
- Syamithabeeja* Subram. & Natarajan 1976 (H)
- Sylviacollaea* Cif. 1963 (C)
- Symphysos* Bat. & Cavalc. 1967 (C)
- Sympodiella* W.B. Kendr. 1958 (H)
- Sympodiocladium* Descals 1982 (H)
- Sympodioclathra* Voglmayr 1997 (H)
- Sympodioplanus* R.C. Sinclair & Boshoff 1997 (H)
- Sympodiosynnema* J.W. Xia & X.G. Zhang 2016 (H)*
- Synchronoblastia* Uecker & F.L. Caruso 1988 (C)
- Syncladium* Rabenh. 1859 (C)
- Synnemacrodictys* W.A. Baker & Morgan-Jones 2009 (H)
- Synnemaseimatoides* K. Matsush. & Matsush. 1996 (H)
- Synnematium* Speare 1920 (H)
- Synnematomyces* Kobayasi 1981 (H)
- Synostomina* Petr. 1949 (C)
- Systremmopsis* Petr. 1923 (H)
- Taeniolina* M.B. Ellis 1976 (H)
- Talekpea* Lunghini & Rambelli 1979 (H)
- Talpapellis* Alstrup & M.S. Cole 1998 (H)
- Tandonea* M.D. Mehrotra 1991 (C)
- Tarsodisporus* Bat. & A.A. Silva 1965 (C)
- Tandonella* S.S. Prasad & R.A.B. Verma 1970 (H)
- Tectacervulus* A.W. Ramaley 1992 (C)
- Telligia* Hendr. 1948 (H)
- Temerariomyces* B. Sutton 1993 (H)
- Teratosperma* Syd. & P. Syd. 1909 (H)
- Termitaria* Thaxt. 1920 (H)
- Termitariopsis* M. Blackw et al. 1980 (H)
- Tetrabrachium* Nawawi & Kuthub. 1987 (H)
- Tetrabrunneospora* Dyko 1978 (H)
- Tetracoccusporium* Szabó 1905 (H)
- Tetrameronycha* Speg. ex W. Rossi & M. Blackw. 1990 (H)
- Tetranacriella* Kohlm. & Volkm.-Kohlm. 2001 (C)
- Tetranacrium* H.J. Huds. & B. Sutton 1964 (C)
- Tetraposporium* S. Hughes 1951 (H)
- Textotheca* Matsush. 1996 (C)
- Thallospora* L.S. Olive 1948 (H)
- Thaptospora* B. Sutton & Pascoe 1987 (C)
- Tharoopama* Subram. 1956 (H)
- Thirumalacharia* Rathaiah 1981 (H)
- Tholomyces* Matsush. 2003 (C)
- Thoracella* Oudem. 1900 (C)
- Thrinacospora* Petr. 1948 (C)
- Thyrinula* Petr. & Syd. 1924 (C)
- Thyriostromella* Bat. & C.A.A. Costa 1959 (C)
- Thyrostromella* Höhn. 1919 (H)
- Thyrsidiella* Höhn. ex Höhn. 1909 (C)
- Thyrsidina* Höhn. 1905 (C)
- Tiarosporellivora* Punith. 1981 (C)
- Ticogloea* G. Weber et al. 1994 (H)

- Ticosynnema* R.F. Castañeda et al. 2013 (H)*
- Tilakiopsis* V.G. Rao 1994 (H)
- Titaea* Sacc. 1876 (H)
- Titaeopsis* B. Sutton & Deighton 1984 (H)
- Titaeospora* Bubák 1916 (C)
- Tomenticola* Deighton 1969 (H)
- Tompetchia* Subram. 1985 (H)
- Toxosporiella* B. Sutton 1986 (C)
- Toxosporiopsis* B. Sutton & Sellar 1966 (C)
- Toxosporium* Vuill. 1896 (H)
- Tracylla* (Sacc.) Tassi 1904 (C)
- Trematophoma* Petr. 1924 (C)
- Tremellidium* Petr. 1927 (C)
- Tretendophragmia* Subram. 1995 (H)
- Tretocephala* Subram. 1995 (H)
- Tretolylea* Cantillo et al. 2015 (H)*
- Tretophragmia* Subram. & Natarajan 1974 (H)
- Tretospeira* Piroz. 1972 (H)
- Tretovularia* Deighton 1984 (H)
- Tribolospora* D.A. Reid 1966 (C)
- Tricellula* Beverw. 1954 (H)
- Trichaegum* Corda 1837 (H)
- Trichobolbus* Bat. 1964 (C)
- Trichobotrys* Penz. & Sacc. 1901 (H)
- Trichoconiella* B.L. Jain 1976 (H)
- Trichoconis* Clem. 1909 (H)
- Trichodiscula* Vouaux 1910 (C)
- Trichodochium* Syd. 1927 (H)
- Trichomatoclava* G.F. Sepúlveda et al. 2009 (H)
- Trichomatomyces* Dorn.-Silva & Dianese 2004 (H)
- Trichomatosphaera* Pereira-Carv. et al. 2009 (H)
- Trichopeltulum* Speg. 1889 (C)
- Trichoseptoria* Cavara 1892 (C)
- Trichosporiella* Kamyschko 1960 (H)
- Trichosporodochium* Dorn.-Silva & Dianese 2004 (H)
- Trichotheca* P. Karst. 1887 (H)
- Tricladiella* K. Ando & Tubaki 1984 (H)
- Tricladiosis* Descals 1982 (H)
- Tricladiospora* Nawawi & Kuthub. 1988 (H)
- Tricornispora* Bonar 1967 (H)
- Trifurcospora* K. Ando & Tubaki 1988 (H)
- Triglyphium* Fresen. 1852 (H)
- Trigonosporium* Tassi 1900 (C)
- Tripoconidium* Subram. 1978 (H)
- Tripasporina* Höhn. 1912 (H)
- Triramulispora* Matsush. 1975 (H)
- Triscelophorus* Ingold 1944 (H)
- Triscelosporium* Nawawi & Kuthub. 1987 (H)
- Trisulcosporium* H.J. Huds. & B. Sutton 1964 (H)
- Troposporium* Harkn. 1884 (H)
- Troposporopsis* Whitton et al. 1999 (H)
- Tryblidiopycnis* Höhn. 1918 (C)
- Tryssglobulus* B. Sutton & Pascoe 1987 (H)
- Tuberculariopsis* Höhn. 1909 (H)
- Tuberculispora* Deighton & Piroz. 1972 (H)
- Tulipispora* Révay & Gönczöl 2009 (H)
- Tumularia* Descals & Marvanová 1987 (H)
- Tunicago* B. Sutton & Pollack 1977 (C)
- Turturconchata* J.L. Chen et al. 1999 (H)
- Tympanosporium* W. Gams 1974 (H)
- Uberispora* Piroz. & Hodges 1973 (H)
- Ubrizsya* Negru 1965 (C)
- Ulocoryphus* Michaelides et al. 1982 (H)
- Umbellidion* B. Sutton & Hodges 1975 (H)
- Uniseta* Ciccar. 1948 (C)
- Urohendersonia* Speg. 1902 (C)
- Urohendersoniella* Petr. 1955 (C)
- Uvarispora* Goos & Piroz. 1975 (H)
- Vagnia* D. Hawksw. & Miądl. 1997 (C)
- Vanakripa* Bhat et al. 1993 (H)
- Vanbeverwijkia* Agnihothr. 1961 (H)
- Vanderystiella* Henn. 1908 (C)
- Vanterpoolia* A. Funk 1982 (H)
- Vasudevella* Chona et al. 1957 (C)
- Velutipila* D. Hawksw. 1987 (H)
- Ventrographium* H.P. Upadhyay et al. 1986 (H)
- Venustocephala* Matsush. 1995 (H)
- Venustosynnema* R.F. Castañeda & W.B. Kendr. 1990 (H)
- Veracruzomyces* Mercado et al. 2002 (H)
- Veramycella* G. Delgado 2009 (H)
- Veramyces* Matsush. 1993 (H)
- Verdipulvinus* A.W. Ramaley 1999 (H)
- Veronaella* Subram. & K.R.C. Reddy 1975 (C)
- Veronidia* Negru 1964 (C)
- Verrucariella* S. Ahmad 1967 (C)
- Verrucophragmia* Crous et al. 1994 (H)
- Verticicladius* Matsush. 1993 (H)
- Vesicladiella* Crous & M.J. Wingf. 1994 (H)

- Vesiculohyphomyces* Armando et al. 2009
(H) *Vestigium* Piroz. & Shoemaker 1972 (C)
Virgariella S. Hughes 1953 (H)
Viscomacula R. Sprague 1951 (H)
Vittalia Gaws & Bhat 2007 (H)
Vouauxiella Petr. & Syd. 1927 (C)
Waihonghopes Yanna & K.D. Hyde 2002
(H) *Wardinella* Bat. & Peres 1960 (C)
Websteromyces W.A. Baker & Partr. 2000
(H) *Weissia* Bat. & M.P. Herrera 1964 (C)
Weufia Bhat & B. Sutton 1985 (H)
Wilsonomyces Adask. et al. 1990 (H)
Wojnowicia Sacc. 1899 (C)
Xanthoriicola D. Hawksw. 1973 (H)
Xenidiocercus Nag Raj 1993 (C)
Xenochora Petr. 1948 (C)
Xenodomus Petr. 1922 (C)
Xenoheteroconium Bhat et al. 1993 (H)
Xenokylindria DiCosmo et al. 1983 (H)
Xenopeltis Syd. & P. Syd. 1919 (C)
Xenoplaca Petr. 1949 (H)
Xenostroma Höhn. 1915 (C)
Xeroconium D. Hawksw. 1981 (C)
Xiambola Minter & Hol.-Jech. 1981 (H)
Xiphomyces Syd. & P. Syd. 1916 (H)
Xiuguozhangia K. Zhang et al. 2014 (H)*
Xylochia B. Sutton 1983 (H)
Xyloglyphis Clem. 1909 (C)
Xylohypha (Fr.) E.W. Mason 1960 (H)
Xylohyphopsis W.A. Baker & Partr. 2000
(H) *Yalomyces* Nag Raj 1993 (C)
Yinmingella Goh et al. 1999 (H)
Ypsilina J. Webster et al. 1999 (H)
Ypsilomyces D.A.C. Almeida & Gusmão
2014 (H)*
Yuccamyces Gour et al. 1979 (H)
Zakatoshia B. Sutton 1973 (H)
Zebrospora McKenzie 1991 (H)
Zelandiocoela Nag Raj 1993 (C)
Zelodactylaria A.C. Cruz et al. 2012 (H)*
Zelopelta B. Sutton & R.D. Gaur 1984 (C)
Zelosatchmopsis Nag Raj 1991 (C)
Zelotriadelfia R.F. Castañeda et al. 2005
(H) *Zetesimomyces* Nag Raj 1988 (C)
Zevadia J.C. David & D. Hawksw. 1995
(H) *Zilingia* Petr. 1934 (C)
Zinzipegasa Nag Raj 1993 (C)
Zopheromyces B. Sutton & Hodges 1977
(H) *Zunura* Nag Raj 1993 (C)
Zygosporium Mont. 1842 (H)
Zythia Fr. 1849 (C)
Zyxiphora B. Sutton 1981 (H)
Phylum BASIDIOMYCOTA R.T. Moore
Subphylum AGARICOMYCOTINA Doweld
Class Agaricomycetes Doweld
Agaricales Underw.
Agaricaceae Chevall.
Coccobotrys Boud. & Pat. 1900 (H)
Fistulinaceae Lotsy
Confistulina Stalpers 1983 (H)
Lyophyllaceae Jülich
Termitosphaera Cif. 1935 (H)
Mycenaceae Overeem
Decapitatus Redhead & Seifert 2000 (H)
Niaceae Jülich
Peyronelina P.J. Fisher et al. 1976 (H)
Physalacriaceae Corner
Mycotribulus Nag Raj & W.B. Kendr.
1970 (C)
Pleurotaceae Kühner
Antromycopsis Pat. & Trab. 1897 et al. (H)
Nematoctonus Drechsler 1941 et al. (H)
Psathyrellaceae Vilgalys et al.
Hormographiella Guarro & Gené 1992
(H) *Rhacophyllus* Berk. & Broome 1871 (H)
Tricholomataceae R. Heim ex Pouzar
Moniliophthora H.C. Evans et al. 1978 (H)
Nothoclavulina Singer 1970 (H)
Tilachlidiopsis Keissl. 192 (H)
Tilachlidiopsis Keissl. 1924 (H)
Ugola Adans. 1763(H)
Agaricales, genera *incertae sedis*
Aleurocystis Lloyd ex G. Cunn. 1956 (C)
Disporotrichum Stalpers 1984
Fibulochlamys A.I. Romero & Cabral
1989 (H)

- Tricladomyces* Nawawi 1985 (H)
- Atheliales** Jülich
Atheliaceae Jülich
Digitatispora Doguet 1962 (H)*
Fibularhizoctonia G.C. Adams & Kropp 1996 (H)
Taeniospora Marvanová 1977 (H)
- Auriculariales** J. Schröt.
Exidiaceae R.T. Moore
Ovipoculum Zhu L. Yang & R. Kirschner 2010 (H)
- Auriculariales**, genera *incertae sedis*
Disporotrichum Stalpers 1984 (H)
Oliveorhiza P. Roberts 1998 (H)
Porpopycnis R. Kirschner 2012 (C)
- Cantharellales** Gäum
Botryobasidiaceae Jülich
Haplotrichum Link 1824 (H)
- Ceratobasidiaceae** G.W. Martin
Acanthellorhiza P. Roberts 1999 (H)
Ceratorhiza R.T. Moore 1987 (H)
Rhizoctonia DC. 1805 (H)
- Hydnaceae** Chevall.
Burgella Diederich & Lawrey 2007 (H)
Burgoa Goid. 1938 (H)
Ingoldiella D.E. Shaw 1972 (H)
Osteomorpha G. Arnaud ex Watling & W.B. Kendr. 1979 (H)
- Oliveoniaceae** P. Roberts 1998
Oliveorhiza P. Roberts 1998 (H)
- Tulasnellaceae** Juel
Epulorhiza R.T. Moore 1987 (H)
- Cantharellales**, genera *incertae sedis*
Minimedusa Weresub & P.M. LeClair 1971 (H)
- Corticiales** K.H. Larss.
Corticiaceae Herter
Chrysorhiza T.F. Andersen & Stalpers 1996 (H)
Erythricium J. Erikss. & Hjortstam 1970 (H)
Giulia Tassi 1904 (C)
- Marchandiomyces* Dieder. & D. Hawksw. 1990 (H)
Michenera Berk. & M.A. Curtis 1868 (H)
Necator Masee 1898 (H)
Tretopileus B.O. Dodge 1946 (H)
- Hymenochaetales** Oberw.
Schizoporaceae Jülich
Echinodia Pat. 1918 (H)
- Hymenochaetales**, genera *incertae sedis*
Caeruleomyces Stalpers 2000 (H)
- Polyporales** Gäum.
Fomitopsidaceae Jülich
Ptychogaster Corda 1838 (H)
- Ganodermataceae** Donk
Thermophymatospora Udagawa et al. 1986 (H)
- Hyphodermataceae** Jülich
Aegerita Pers. 1801 (H)
Aegeritina Jülich 1984 (H)
- Meruliaceae** P. Karst.
Bornetina L. Mangin & Viala 1903 (H)
- Phanerochaetaceae** Jülich
Erythricium J. Erikss. & Hjortstam 1970 (H)
Sporotrichum Link 1809 (H)
- Polyporaceae** Fr. ex Corda
Digitellus Paulet 1791 (H)
Mycelithe Gasp. 1841 (C)
Pachyma Fr. 1822 (H)
- Russulales** Kreisel ex P.M. Kirk et al.
Bondarzewiaceae Kotl. & Pouzar
Spiniger Stalpers 1974 (H)
- Peniophoraceae** Lotsy
Licrostroma P.A. Lemke 1964 (H)[#]
- Stereaceae** Pilát
Matula Masee 1888 (H)
- Sebacinales** M. Weiss et al.
Sebacinaceae K. Wells & Oberw.
Chaetospermum Sacc. 1892 (C)
Craterocolla Bref. 1888

Ditangium P. Karst. 1867 (H)
Flahaultiella Seifert 2009 (H)
Opadorhiza T.F. Andersen & R.T. Moore
 1996 (H)
Piriformospora Sav. Verma et al. 1998 (H)

Thelephorales Corner ex Oberw.

Thelephoraceae Chevall.

Parahaplotrichum W.A. Baker & Partr.
 2001 (H)

Agaricomycetes, genera *incertae sedis*

Akenomyces G. Arnaud ex D. Hornby 1984
 (H)

Arthrodochium R.F. Castañeda & W.B.
 Kendr. 1990 (H)

Arualis Katz 1980 (H)

Bartheletia G. Arnaud ex Scheuer et al.
 2008 (H)

Cenangiomycetes Dyko & B. Sutton 1979
 (H)

Cruciger R. Kirschner & Oberw. 1999 (H)

Dendrosporomyces Nawawi et al. 1977
 (H)

Ellula Nag Raj 1980 (C)

Fibulocoela Nag Raj 1978 (C)

Fibulotaeniella Marvanová & Bärl. 1988
 (H)

Geotrichopsis Tzean & Estey 1991 (H)

Gloeosynnema Seifert & G. Okada 1988
 (H)

Glomerulomyces A.I. Romero & S.E.
 López 1989 (H)

Glutinoaggar Sivan. & Watling 1980 (H)

Myriococcum Fr. 1823 (H)

Nyctalina G. Arnaud 1952 (H)

Pagidospora Drechsler 1960 (H)

Pycnovellomyces R.F. Castañeda 1987 (C)

Riessia Fresen. 1852 (H)

Riessiella Jülich 1985 (H)

Titaeella G. Arnaud ex K. Ando & Tubaki
 1985 (H)

Tricladiomyces Nawawi 1985 (H)

Class Dacrymycetes Doweld

Dacrymycetales Henn.

Dacrymycetaceae J. Schröt.

Cerinosterus R.T. Moore 1987 (H)

Dacryoscyphus R. Kirschner & Zhu L.
 Yang 2005 (H)

Class Tremellomycetes Hibbett et al.

Cystofilobasidiales Fell et al.

Cystofilobasidiaceae K. Wells & Bandoni

Guehomyces Fell & Scorzetti 2004 (H)

Itersoniella Derx 1948 (H)

Rhodozyma Phaff et al. 1972 (H)

Mrakiaceae X.Z. Liu et al.

Mrakiella Margesin & Fell 2008 (H)

Phaffia M.W. Mill. et al. 1976 (Y)

Tausonia Babeva 1998 (H)

Udeniomyces Nakase & Takem. 1992 (Y)

Filobasidiales Jülich

Filobasidiaceae L.S. Olive

Cryptococcus Vuill. 1901 (Y)

Tremellales Fr.

Cuniculitremaeae J.P. Samp. et al.

Fellomyces Y. Yamada & I. Banno 1984
 (Y)

Kockovaella Nakase et al. 1991 (Y)

Sterigmatosporidium G. Kraep. & U.
 Schulze 1983 (Y)

Tremellina Bandoni 1986 (H)

Hyaloriaceae Lindau

Helicomysa R. Kirschner & Chee J. Chen
 2004 (H)

Tremellaceae Fr.

Anastomyces W.P. Wu et al. 1997 (H)

Bullera Derx 1930 (Yeast)

Cryptococcus Vuill. 1901 (Y)

Hormomyces Bonord. 1851 (H)

Biatoropsis Räsänen 1934 with
 hormomyces-like asexual morph (H)[#]

Tsuchiyaea Y. Yamada et al. 1988 (H)

Trichosporonaceae Nann.

Aegeritella Bałazy & J. Wiśn. 1974 (H)

Trichosporon Behrend 1890 (Y)

Tritirachium Limber 1940 (H)

Tremellales, genera *incertae sedis*

Derxomyces F.Y. Bai & Q.M. Wang 2008
 (Y)

Hannaella F.Y. Bai & Q.M. Wang 2008
 (Y)

Moniliella Stolk & Dakin 1966 (H)

Tremellomycetes, genera *incertae sedis*

Heteromycophaga P. Roberts 1997 (Yeast-like)

Moniliella Stolk & Dakin 1966 (H)

Trichosporonoides Haskins & J.F.T. Spencer 1967 (H)

AGARICOMYCOTINA, genera *incertae sedis*
Microstella K. Ando & Tubaki 1984 (H)

Subphylum PUCCINIOMYCOTINA R. Bauer et al.

Class Agaricostilbomycetes R. Bauer et al.

Agaricostilbales Oberw. & R. Bauer

Agaricostilbaceae Oberw. & R. Bauer

Agaricostilbum J. Wright 1970 (H)

Bensingtonia Ingold 1986 (Y)

Sterigmatomyces Fell 1966 (Y)

Chionosphaeraceae Oberw. & Bandoni

Kurtzmanomyces Y. Yamada et al. 1989 (Y)

Mycogloea L.S.Olive 1950 (Y)

Class Atractiellomycetes R. Bauer et al.

Atractiellales Oberw. & Bandoni

Phleogenaceae Gäum.

Atractiella Sacc. 1886 (H)

Basidiopycnides J. Reid et al. 2008 (H)

Saccoblastiaceae Jülich

Infundibura Nag Raj & W.B. Kendr. 1981 (H)

Atractiellales, genera *incertae sedis*

Atractogloea Oberw. & Bandoni 1982 (H)

Hobsonia Berk. ex Masee 1891 (H)

Leucogloea R. Kirschner 2004 (H)

Tricladomyces Nawawi 1985 (H)

Pachnocybales R. Bauer et al.

Pachnocybaceae Oberw. & R. Bauer

Pachnocybe Berk. 1836 (H)

Class Classiculomycetes R. Bauer et al.

Classiculales R. Bauer et al.

Classiculaceae Bauer et al.

Jaculispora H.J. Huds. & Ingold 1960 (H)

Naiadella Marvanová & Bandoni 1987 (H)

Class Cryptomycocolacomycetes R. Bauer et al.

Cryptomycocolacales Oberw. & R. Bauer

Cryptomycocolacaceae Oberw. & R. Bauer

Colacosiphon R. Kirschner et al. 2001 (H)

Class Cystobasidiomycetes R. Bauer et al.

Erythrobasidiales, genera *incertae sedis*

Bannoa Hamam. 2002 (Y)

Erythrobasidium Hamam. et al. 1988 (Y)

Cystobasidiomycetes genera *incertae sedis*

Cyrenella Goch. 1981 (H)

Class Microbotryomycetes R. Bauer et al.

Heterogastridiales Oberw. & R. Bauer

Heterogastridiaceae Oberw. & R. Bauer

Hyalopycnis Höhn. 1918 (C)

Leucosporidiales J.P. Samp. et al.

Leucosporidiaceae Jülich

Leucosporidiella Samp. 2003 (Y)

Microbotryales genera *incertae sedis*

Reniforma Pore & Sorenson 1990 (Y)

Sporidiobolales Doweld

Sporidiobolaceae R.T. Moore

Blastoderma B. Fisch. & Brebeck 1894 (Y)

Rhodomycetes Wettst. 1885 (H)

Sporobolomyces Kluyver & C.B. Niel 1924 (H)

Sporidiobolales, genera *incertae sedis*

Ballistosporomyces Nakase et al.

Erythrobasidium Hamam. et al (Y)

Rhodotorula F.C. Harrison 1927 (Y)

Microbotryomycetes, genera *incertae sedis*

Crucella Marvanová & Suberkr. 1990 (H)

Class Pucciniomycetes R. Bauer et al.

Helicobasidiales R. Bauer et al.

Helicobasidiaceae P.M. Kirk

Thanatophytum Nees 1816 (H)

Tuberculina Tode ex Sacc. 1880 (H)

Platyglloeales R.T. Moore

Eocronartiaceae Jülich

Glomopsis D.M. Hend. 1961 (H)

Platyglloeaceae Racib.

Infundibura Nag Raj & W.B. Kendr. 1981 (H)

Leucogloea R. Kirschner 2004 (H)

Uncolaceae Buriticá

Calidion Syd. & P. Syd. 1919 (R)

Pucciniales Clem. & Shear

Coleosporiaceae Dietel

Chrysomyxa Unger 1840 (R)

Cronartiaceae Dietel

Cronartium Fr. 1815 (R)

Phakopsoraceae Cummins & Hirats. f.

Aeciure Buriticá & J.F. Hennen 1994 (R)

Macabuna Buriticá & J.F. Hennen 1994

Malupa Y. Ono et al. 1992 (R)

Milesia F.B. White 1878 (R)

Physopella Arthur 1906 (R)

Uredendo Buriticá & J.F. Hennen 1994

(R)

Uredostilbe Buriticá & J.F. Hennen 1994

(R)

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Phragmidiaceae Corda

Gerwasia Racib. 1909 (R)

Physonema Lév. 1847 (R)

Puccineaceae Chevall.

Caeoma Link 1809 (R)

Roestelia Rebent. 1804 (R)

Pucciniastraceae Gäum. ex Leppik

Milesia F.B. White 1878 (R)

Peridiopsisora Kamat & Sathe 1969 (R)

Pomatomyces Oerst. 1864 (R)

Pucciniastrum G.H. Otth 1861 (R)

Uropyxidaceae Cummins & Y. Hirats.

Canasta A.A. Carvalho & J.F. Hennen 2010 (R)

Pucciniales, genera *incertae sedis*

Elateraecium Thirum. et al. 1966 (R)

Intrapes J.F. Hennen & Figueiredo 1979

(R)

Uraecium Arthur 1933 (R)

Uredo Pers. 1801 (R)

Septobasidiales Couch ex Donk

Septobasidiaceae Racib.

Johncouchia S. Hughes & Cavalc. 1983

(H)

Subphylum USTILAGINOMYCOTINA R. Bauer et al.

Class Exobasidiomycetes Begerow et al.

Doassansiales R. Bauer & Oberw.

Doassansiaceae R.T. Moore ex P.M. Kirk et al. *Savulescuella* Cif. 1959 (H)

Entylomatales R. Bauer & Oberw.

Entylomataceae R. Bauer & Oberw.

Entylomella Höhn. 1924 (H)

Tilletiopsis Derx 1948 (H)

Exobasidiales Henn.

Brachybasidiaceae Gäum.

Meira Boekhout et al. 2003 (H)

Cryptobasidiaceae Malençon ex Donk

Acaromyces Boekhout et al. 2003 (H)

Exobasidiales genera *incertae sedis*

Cladostergigma Pat. 1892 (H)

Clinoconidium Pat. 1898 (H)

Coniodictyum Har. & Pat. 1909 (H)

Golubeviales Q.M. Wang et al.

Golubeviaceae Q.M. Wang et al. 2015

Golubevia Q.M. Wang et al. 2015 (H)*

Microstromatales R. Bauer & Oberw.

Microstromataceae Jülich

Microstroma Niessl 1861 (H)

Quambalariaceae Z.W. de Beer et al.

Quambalaria J.A. Simpson 2000 (H)

Microstromatales genera, *incertae sedis*

Sympodiomyces Sugiy. et al. 1991 (Y)

Class Ustilaginomycetes R. Bauer et al.

Urocystidales R. Bauer & Oberw.

Glomosporiaceae Cif.

Rhombiella Liro 1939 (H)

Thecaphorella H. Scholz & I. Scholz 1988 (H)

Ustilaginales G. Winter

Anthracoideaceae Denchev

Crotalia Liro 1938 (Y)

Cintractiellaceae Vánky

Naiadella Marvanová & Bandoni 1987 (H)

Ustilaginaceae Tul. & C. Tul.

Pseudozyma Bandoni emend. Boekhout
1985 (H)

Ustilaginomycetes, orders *incertae sedis*

Urocystidiales R. Bauer & Oberw.

Urocystidaceae Begerow et al.

Paipalopsis J.G. Kühn 1882 (H)

USTILAGINOMYCOTINA, order *incertae sedis*

Malasseziales R.T. Moore

Malasseziaceae Denchev & R.T. Moore

Malassezia Baill. 1889

USTILAGINOMYCOTINA, genera *incertae sedis*

Botryoconis Syd. & P. Syd. 1906 (H)

Tilletiella Zambett. 1970 (H)

BASIDIOMYCOTA, class *incertae sedis*

Wallemiomycetes Zalar et al.

Notes

In this section we provide taxonomic notes for newly introduced genera since 2012 and notes on genera for which taxonomic placements have been made.

Acanthohelicospora Boonmee & K.D. Hyde
Boonmee et al. (2014) introduced this genus which resided in *Tubeufiaceae*. Lu et al. (2017c) reported that this genus has hyphomycetous asexual morph.

Acervuloseptoria Crous & Jol. Roux
Crous et al. (2014c) introduced this genus and phylogenetic analysis showed that it belongs in *Mycosphaerellaceae*.

Achroiostachys L. Lombard & Crous
Lombard et al. (2016) introduced this coelomycetous genus and showed that it belongs in *Stachybotryaceae*.

Acicuseptoria Quaedvli. et al.
Quaedvlieg et al. (2013) introduced this coelomycetous genus and phylogenetic analyses showed that it belongs to *Leptosphaeriaceae*.

Acidea Hujsová & M. Kolařík

Wallemiales Zalar et al.

Wallemiaceae R.T. Moore

Wallemia Johan-Olsen 1887 (H)

BASIDIOMYCOTA, genera *incertae sedis*

Anguillomyces Marvanová & Bär. 2000 (H)

Arcispora Marvanová & Bär. 1998 (H)

Bartheletica G. Arnaud 2008 (H)

Gloeosynnema Seifert & G. Okada 1988 (H)

Lactydina Subram. 1978 ('1977') (H)

Microstella K. Ando & Tubaki 1984 (H)

Nodulospora Marvanová & Bär. 2000 (H)

Pseudohelicomycetes Garnica & E. Valenz. 2000 (H)

Trichosporonoides Haskins & J.F.T. Spencer 1967 (H)

Stachycoremium Seifert 1986 (H)

Stauriella Sivichai & E.B.G. Jones 2004 (H)

Hujsová et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Helotiales*.

Acidomelania E. Walsh & N. Zhang
Walsh et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Helotiales*.

Acidothrix Hujsová & M. Kolařík
Hujsová et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Amplistromataceae*.

Acremoniopsis Giraldo et al.
Crous et al. (2014d) introduced this hyphomycetous genus and showed that it belongs to *Hypocreales*, genera *incertae sedis*.

Adautomilanezia Gusmão et al.
Crous et al. (2016a) introduced this hyphomycetous genus and accepted as a genus belongs in *Chaetosphaeriaceae*.

Aegeanispora E.B.G. Jones & Abdel-Wahab
Abdel-Wahab et al. (2017) introduced this coelomycetous genus and showed that it belongs in *Pleosporales* genera *incertae sedis*.

Aequabiliella Crous

Crous et al. (2015d) introduced this genus and showed that it belongs to *Phaeomoniellales*, genera incertae sedis. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Alanphillipsia Crous & M.J. Wingf.

Crous et al. (2013b) introduced this coelomycetous genus. Wijayawardene et al. (2014, 2016) showed that *Alanphillipsia* belongs in *Botryosphaeriaceae*.

Albifimbria L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Alfaria Crous et al.

Wijayawardene et al. (2016) showed that *Alfaria* has coelomycetous asexual morph based on their phylogenetic analyses. Lombard et al. (2016) also showed that *Alfaria* has hyphomycetous asexual morphs.

Alfariacладиella Crous & R.K. Schumach.

Hernández-Restrepo et al. (2016) introduced this hyphomycetous genus and showed that it belongs to *Stachybotryaceae*.

Allantophomopsiella Crous

Crous et al. (2014b) introduced this coelomycetous genus and showed that it belongs in *Phacidiaceae*.

Alloconiothyrium Verkley et al.

Verkley et al. (2014) introduced this genus and phylogenetic analyses showed that it belongs in *Didymosphaeriaceae*.

Allophaeosphaeria Ariyaw. et al.

Ariyawansa et al. (2015a) introduced *A. subcylindrospora* W.J. Li et al. which showed coelomycetous morphology. Ariyawansa et al. (2015a) also showed that the genus belongs in *Phaeosphaeriaceae* in their phylogenetic analyses.

Allophoma Q. Chen & L. Cai

Chen et al. (2015) introduced this genus and showed that it belongs to *Didymellaceae* in their phylogenetic analyses.

Alternariaster E.G. Simmons

Ariyawansa et al. (2015b) accepted the placement of *Alternariaster* in *Leptosphaeriaceae*.

Alveariospora Meir. Silva et al.

Silva et al. (2012) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable thus, taxonomic placement is uncertain.

Ameroconium U. Braun & Zhurb.

Zhurbenko & Braun (2013) introduced the lichenicolous hyphomycetous taxon, *Ameroconium*, with *A. cladoniae* U. Braun & Zhurb. as the type species. Sequence data are unavailable; thus, the genus was treated as *Ascomycota*, genera incertae sedis.

Amphisphaeria Ces. & De Not.

Liu et al. (2015) introduced *A. sorbi* Senanayake & K.D. Hyde with coelomycetous asexual morph.

Amphisphaeriales D. Hawksw. & O.E. Erikss.

Senanayake et al. (2015) reinstated the order but Maharachchikumbura et al. (2016) did not agree with this. However, Hongsanan et al. (2017) accepted *Amphisphaeriales*.

Anabahusakala Carmo et al. 2014

Carmo et al. (2014) introduced this monotypic, hyphomycetous genus. Sequence data is unavailable, thus its taxonomic placement is uncertain.

Anacoronospora J.S. Monteiro et al.

Monteiro et al. (2016b; taxonomy) introduced this hyphomycetous genus. DNA sequences are unavailable thus placed in *Ascomycota* genera incertae sedis.

Anacacumisporium Y.R. Ma & X.G. Zhang

Ma et al. (2016b) introduced this hyphomycetous genus and showed it belongs in *Chaetosphaeriaceae* in their phylogenetic analyses.

Anacraspedodidymum C.R. Silva et al. 2014
Silva et al. (2014) introduced this hyphomycetous genus and transferred *Craspedodidymum hyalosporum* Bhat & W.B. Kendr. to the new genus. Sequence data are unavailable, thus taxonomic placement is uncertain.

Anaexserticlava T.S. Santa Izabel et al.
Santa-Izabel et al. (2015) introduced this hyphomycetous genus. Sequence data is unavailable, thus taxonomic placement is uncertain.

Anapleurothecium Hern.-Restr. et al.
Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Pleurotheciaceae*, *Pleurotheciales*.

Anaseptoidium R.F. Castañeda et al.
Castañeda-Ruiz et al. (2012b) introduced this monotypic, hyphomycetous genus, but sequence data is unavailable. Hence, taxonomic position is uncertain.

Angustimassarina Thambug. et al.
Thambugala et al. (2015b) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs to *Amorosiaceae*.

Annellosympodiella Crous & Assefa
Crous et al. (2014c) introduced this monotypic, hyphomycetous genus. Wijayawardene et al. (2014) listed *Annellosympodiella* under *Mycosphaerellaceae*.

Annulohypoxylon Y.M. Ju et al.
Liu et al. (2015) showed that *A. nitens* (Ces.) Y.M. Ju & J.D. Rogers produces nodulosporium-like asexual morphs in the cultures.

Antealophiotrema A. Hashim. & Kaz. Tanaka
Hashimoto et al. (2017) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Pleosporales*.

Anaverticicladus P.O. Costa et al.
Costa et al. (2016) introduced this hyphomycetous genus. DNA sequences are

unavailable thus placed in *Ascomycota* genera *incertae sedis*

Apenidiella Quaedvl. & Crous
Quaedvlieg et al. (2014) introduced this monotypic, hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014; Wijayawardene et al. 2014).

Aphanophora Réblová & Unter.
Réblová et al. (2013) introduced *Aphanophora* with *A. eugeniae* (Crous & Alfenas) Réblová & Unter. as the type species. Phylogenetic analyses showed that *Aphanophora* resides in *Chaetothyriaceae*.

Apiculospora Wijayaw. et al.
Wijayawardene et al. (2016) introduced this monotypic coelomycetous genus and showed that it belongs to *Helotiales*, genera *incertae sedis*.

Apiognomonina Höhn.
Senanayake et al. (2017b) illustrated the coelomycetous morph of *Apiognomonina veneta*, the type species of *Apiognomonina*. Moreover, Senanayake et al. (2017b) treated *Discula* Sacc. as a synonym of *Apiognomonina*.

Apiosporopsis (Traverso) Mariani.
Senanayake et al. (2017b) introduced a new family *Apiosporopsidaceae* (in *Diaporthales*) to place this genus.

Apharknessia Crous & S.J. Lee
Senanayake et al. (2017b) introduced new family *Apharknessiaceae* (in *Diaporthales*) to place this genus.

Aposphaeria Sacc.
Tian et al. (2015) accepted this genus as a member in *Melanommataceae*.

Apseudocercosporella Videira & Crous
Videira et al. (2016) introduced this hyphomycetous genus and showed it belongs in *Mycosphaerellaceae*.

Aquanectria L. Lombard & Crous
Lombard et al. (2015) introduced this genus with a hyphomycetous asexual morph.

Phylogenetic analyses confirmed its placement in *Nectriaceae*.

Aquapteridospora J. Yang et al.

Yang et al. (2015) introduced this hyphomycetous genus and showed that it belongs in *Diaportheomycetidae*.

Aquasubmersa K.D. Hyde & Huang Zhang

Zhang et al. (2012a) introduced this coelomycetous genus and showed it belongs in *Lophiotremataceae*. Ariyawansa et al. (2015a) introduced the holomorph of *A. japonica* A. Hashim. & Kaz. Tanaka. Hashimoto et al. (2017) introduced *Aquasubmersaceae* to place this genus.

Arthrocatena E. Egidì & L. Selbmann

This hyphomycetous genus was introduced by Egidì et al. (2014), and in sequence data analyses, it grouped in *Capnodiales*, genera *incertae sedis*.

Arthrocladium Papendorf

Nascimento et al. (2016) reinstated this genus with three species. The phylogenetic analyses placed *Arthrocladium* and *Trichomerium* as sister clades and confirmed its placement in *Trichomeriaceae*.

Arthromoniliphora S.S. Silva et al.

Silva et al. (2017) introduced this hyphomycetous genus. DNA sequences are unavailable thus placed in *Ascomycota incertae sedis*.

Ascochyta Lib.

Jayasiri et al. (2017b) reported both asexual and sexual morph of *Ascochyta medicaginicola* var. *medicaginicola*.

Ascoconidium Seaver

Johnston et al. (2014) proposed to adopt asexual typified name *Ascoconidium* over *Sageria* A. Funk.

Ascocoryne J.W. Groves & D.E. Wilson

Johnston et al. (2014) proposed to adopt sexual typified name *Ascocoryne* over *Coryne* Nees, *Piobasidium* Höhn. *Pleurocolla* Petr. and *Endostilbum* Malençon.

Asteridiella McAlpine

Hongsanan et al. (2015) reported this genus has an asexual morph which is directly produced from hyphae.

Asterodiscus Voglmayr et al.

Voglmayr et al. (2016) introduced this genus with coelomycetous asexual morph.

Asterodothis Theiss.

Hongsanan et al. (2014) treated *Asterostromina* Bat. & A.F. Vital as synonym of *Asterodothis* and transferred *Asterodothis* to *Dothideomycetes*, genera *incertae sedis*.

Asterosporium Kunze

Senanayake et al. (2017b) introduced new family *Asterosporiaceae* (in *Diaporthales*) to place this genus.

Atrocalyx A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2017) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Lophiotremataceae*.

Atrogeniculata J.S. Monteiro et al.

Monteiro et al. (2014b) introduced this hyphomycetous genus. DNA sequences is lacking, thus the genus placed in *Ascomycota incertae sedis*.

Atrokylindriopsis Y.R. Ma & X.G. Zhang

Ma et al. (2015) introduced this genus to accommodate *A. setulosa*. The sequence was similar to *Cladophialophora* and *Exophiala*. The ITS and LSU sequences indicate its placement in *Chaetothyriales*, genera *incertae sedis*.

Atrosynnema J.W. Xia et al.

Xia et al. (2016) introduced this hyphomycetous genus.

Aurantioporthe G. Beier & R.A. Blanchette

Beier et al. (2015) introduced this genus with hyphomycetous asexual morph and phylogenetic analyses showed that it belongs to *Cryphonectriaceae*. Senanayaka et al. (2017) also accepted this placement.

Aurantiosacculus Dyko & B. Sutton

Crous et al. (2012b) shows this genus belongs in *Cryphonectriaceae* (*Diaporthales*) in their phylogenetic analyses. Maharachchikumbura et al. (2015) agreed with this placement.

Auratiopycnidiella Crous & Summerell

Crous et al. (2012b) introduced this monotypic coelomycetous genus and showed it belongs to *Diaporthales*, genera *incertae sedis*. Senanayake et al. (2017b) introduced *Auratiopycnidiellaceae*.

Austropleospora R.G. Shivas & L. Morin

Ariyawansa et al. (2015a) showed that this genus has coelomycetous asexual morph and confirmed its placement in *Didymosphaeriaceae*.

Bactrodesmium Cooke

Tanaka et al. (2015) showed that this genus belongs in *Massarineae*, *Pleosporales*.

Bambusicola D.Q. Dai & K.D. Hyde

Dai et al. (2012) introduced this genus with a coelomycetous asexual morph. Hyde et al. (2013) introduced *Bambusicolaceae* to accommodate *Bambusicola* as it shows a distinct lineage in *Pleosporales*.

Bambusicularia Klaubauf et al.

Klaubauf et al. (2014) introduced this genus and showed that it belongs in *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Banksiophoma Crous

Crous et al. (2017) introduced this genus and showed that it belongs in *Phaeosphaeriaceae*.

Barbatosphaeriaceae H. Zhang et al.

Zhang et al. (2017) introduced this family to accommodate *Barbatosphaeria* Réblová.

Barrenia E. Walsh & N. Zhang

Walsh et al. (2015) introduced this hyphomycetous genus and showed that it belongs in *Helotiales*.

Barretomyces Klaubauf et al.

Klaubauf et al. (2014) introduced this monotypic, hyphomycetous genus and showed that it belongs in *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Beltraniopsis Bat. & J.L. Bezerra

Crous et al. (2014c) introduced *B. neolitseae* Crous & Summerell and showed that it belongs in *Xylariales* genera *incertae sedis*.

Biscogniauxia Kuntze 1891

Liu et al. (2015) showed that *B. marginata* (Fr.: Fr.) Pouzar produces nodulosporium-like asexual morphs in culture.

Bicoloromyces Heuchert et al.

Heuchert et al. (2015) introduced this lichenicolous, hyphomycetous genus. DNA sequence data is unavailable, thus taxonomic placement is uncertain.

Bisifusarium L. Lombard et al.

Lombard et al. (2015) introduced this genus to accommodate several *Fusarium* species which are not congeneric with *Fusarium sensu stricto*. Phylogenetic analyses confirmed its placement in *Nectriaceae*.

Blastophorum Matsush.

Hyde et al. (2016) introduced *B. aquaticum* Z.L. Luo et al. and showed that it belongs in *Reticulascaceae*.

Blumeriella Arx

Johnston et al. (2014) proposed to adopt sexual typified name *Blumeriella* over *Microgloeum* Petr. and *Phloeosporella* Höhn.

Boeremia Aveskamp et al.

Jayasiri et al. (2017b) introduced *Boeremia galiicola* Jayasiri et al. with both asexual and sexual morphs.

Botryosphaeria Ces. & De Not.

The genus *Botryosphaeria* has *Fusicoccum* and *Dichomera* asexual morphs (Phillips et al. 2013, Wijayawardene et al. 2016). Thus, Wijayawardene et al. (2014, 2017) proposed to reduce both latter asexual genera under *Botryosphaeria*.

Botryosporium Corda

Choi et al. (2014) generated DNA sequences of *B. longibrachiatum*. The mega blast results showed that this species resides in *Sordariomycetes*.

Brachycephala J.S. Monteiro et al.

Monteiro et al. (2015) introduced this hyphomycetous genus but sequence data is unavailable. Hence, taxonomic placement is uncertain.

***Brachysporiella* Bat.**

Hernández-Restrepo et al. (2017) treated this genus as *Kirschsteiniotheliales* genera *incertae sedis* based on *B. navarrica*

***Bradomyces* Hubka et al.**

Hubka et al. (2014) introduced this genus and showed that it belongs in *Trichomeriaceae*.

***Braunomyces* V.A. Melnik & Crous**

Melnik & Crous (2014) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable, thus taxonomic placement is uncertain.

***Breviappendix* Senan. & K.D. Hyde**

Senanayake et al. (2017) introduced this genus with coelomycetous asexual morph and showed it belongs in *Sydowiellaceae*.

***Brevistachys* L. Lombard & Crous**

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

***Briancoppinsia* Diederich et al.**

Diederich et al. (2012) introduced this new lichenicolous genus by using LSU and SSU. *Briancoppinsia* belongs in *Arthoniaceae*.

***Brunneiperidium* Daranagama et al.**

Daranagama et al. (2015) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that *Brunneiperidium* can be accommodated in *Xylariaceae*.

***Brunneodinemasporium* Crous & R.F. Castañeda**

Crous et al. (2012d) introduced this genus to accommodate dinemasporium-like taxa grouping away from *Dinemasporium sensu stricto* in *Chaetosphaeriaceae*, *Chaetosphaeriales*.

***Bryochiton* Döbbeler & Poelt**

Wäli et al. (2014) reported *Bryochiton* sp. with chlamydospores-like stages (meristematic

morph) from cultures. *Bryochiton* sp. resides in *Teratosphaeriaceae* in their phylogenetic analyses.

***Budhanggurabania* P. Wong et al.**

Crous et al. (2015d) introduced this genus and phylogenetic analyses showed that it belongs in *Magnaporthaceae*.

***Bullanockia* Crous**

Crous et al. (2016a) introduced this hyphomycetous genus and accepted as a genus in *Bionectriaceae*.

***Bussabanomyces* Klaubauf et al.**

Klaubauf et al. (2014) introduced this monotypic, hyphomycetous genus and showed that it belongs to *Magnaporthaceae*, *Magnaporthales* in their phylogenetic analyses.

***Caeruleoconidia* to Zhurb. & Pino-Bodas**

Zhurbenko et al. (2015) introduced *Caeruleoconidia* Zhurb. & Diederich but it was not validly published (Index Fungorum 2017). Thus, *Caeruleoconidia* to Zhurb. & Pino-Bodas was introduced to accommodate *Caeruleoconidia* Zhurb. & Diederich (Zhurbenko & Pino-Bodas 2017).

***Cainiaceae* J.C. Krug**

Hongsanan et al. (2017) treated this family as *Xylariomycetidae* families *incertae sedis*

***Calloria* Fr.**

Johnston et al. (2014) proposed to adopt sexual typified name *Calloria* over *Cylindrocolla* Bonord.

***Calophoma* Q. Chen & L. Cai**

Chen et al. (2015) introduced this coelomycetous genus and showed that it belongs to *Didymellaceae* in their phylogenetic analyses.

***Calosphaeria* Tul. & C. Tul.**

Réblová et al. (2016a) synonymised *Calosphaeriophora* Réblová et al. (2004) under *Calosphaeria*.

***Calvolachnella* Marinc. et al.**

Hernández-Restrepo et al. (2016) introduced this coelomycetous genus and showed that it belongs in *Chaetosphaeriales*.

Camarosporium Schulzer

Tibpromma et al. (2017) reported cucurbitaria-like sexual morphs group in *Camarosporium sensu stricto*.

Camarosporioides W.J. Li & K.D. Hyde

Hyde et al. (2016) introduced this coelomycetous genus and showed that it belongs in *Phaeosphaeriaceae*.

Camarosporomyces Crous

Crous & Groenewald (2017) introduced this coelomycetous genus and Wanasinghe et al. (2017) showed that it belongs in *Camarosporiaceae*.

Capitofimbria L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Camptomeriphila Crous & M.J. Wingf.

Crous et al. (2016a) introduced this coelomycetous genus and accepted it in *Mycosphaerellaceae*.

Camptophora Réblová & Unter.

Réblová et al. (2013) introduced this genus and showed it belongs in *Chaetothyriaceae*.

Campylospora Ranzoni

Marvanová & Laichmanová (2014) introduced *Campylospora leptosoma*. DNA sequence analyses showed that it belongs to *Hypocreomycetidae incertae sedis*

Caryophylloseptoria Verkley et al.

Verkley et al. (2013) introduced *Caryophylloseptoria* with four coelomycetous species and showed it belongs in *Mycosphaerellaceae*. Quaedvlieg et al. (2013) accepted this familial placement and added the fifth species.

Castanediella Hern.-Restr. et al.

Crous et al. (2015d) introduced this genus and showed that it belongs in *Xylariales*, genera *incertae sedis*. However, Maharachchikumbura

et al. (2016) treated it as *Sordariomycetes*, genera *incertae sedis*. Hernández-Restrepo et al. (2017) introduced *Castanediellaceae*.

Catenulomyces Egidi & de Hoog

This monotypic, hyphomycetous genus was introduced by Egidi et al. (2014). In sequence data analyses, *Catenulomyces* groups in *Capnodiales*, genera *incertae sedis* (Egidi et al. 2014, Wijayawardene et al. 2014).

Cecidiomyces U. Braun & Zhurb.

Zhurbenko & Braun (2012) introduced this lichenicolous, hyphomycetous genus. *Cecidiomyces* lacks sequence data, thus its taxonomic placement is uncertain.

Celerioriella Crous

Crous et al. (2015d) introduced this genus and showed that it belongs to *Phaeomoniellales*, genera *incertae sedis* in their phylogenetic analyses. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Cephalotrichiella Crous

Notes: Crous et al. (2014c) introduced this genus and showed it belongs in *Microascales*, genera *incertae sedis* in their phylogenetic analyses.

Cercospora Fresen.

Braun et al. (2013) revised the genus to include mycosphaerella-like sexual morphs.

Chaetoconis Clem.

Senanayake et al. (2017b) accepted this genus as *Diaporthaceae*.

Chiangraiomyces Senan. & K.D. Hyde

Senanayake et al. (2017b) introduced this genus with a coelomycetous asexual morph. In their phylogenetic analyses, they showed that it belongs in *Diaporthaceae*.

Chlamydotubeufia Boonmee & K.D. Hyde

Brahamanage et al. (2017) introduced *C. aquatica* Brahamanage et al. which represents a hyphomycetous asexual morph.

Chordomyces Bilanenko et al.

Grum-Grzhimaylo et al. (2016) introduced this hyphomycetous genus and showed it belongs in *Plectosphaerellaceae* (*Glomerellales*) in their phylogenetic analyses.

Chrysocrypta Crous & Summerell

Crous et al. (2012c) introduced this monotypic, coelomycetous genus. Maharachchikumbura et al. (2015) listed *Chrysocrypta* under *Cryphonectriaceae*. However, Senanayake et al. (2017b) treated this genus as in *Erythrogloeaceae*.

Chrysofolia Crous & M.J. Wingf.

Crous et al. (2015d) introduced this coelomycetous genus and showed that it belongs in *Cryphonectriaceae*.

Ciliolarina Svrcek

This genus was reported with septonema-like asexual morphs (Kirk et al. 2008).

Circinoconiopsis A. Hern.-Gut.

Hernández Gutiérrez (2013) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable, thus taxonomic placement is uncertain.

Circinotrichum Nees

Crous et al. (2015c) showed that this genus belongs in *Xylariaceae*.

Cistella Quél.

This genus was reported with phialophora-like asexual morphs (Seifert et al. 2011).

Cladosporiopsis S.C. Ren & X.G. Zhang

Ren et al. (2012) introduced this monotypic, hyphomycetous genus, but sequence data are unavailable. Hence, taxonomic placement is uncertain.

Clathrospora Rabenh.

This genus was reported with alternaria-like asexual morphs (Kirk et al. 2008).

Claussenomyces Kirschst.

Johnston et al. (2014) proposed to adopt sexual typified name *Claussenomyces* over *Dendrostilbella* Höhn.

Clypeophysalosporaceae Giraldo & Crous

Giraldo et al. (2017) introduced *Clypeophysalosporaceae* and accepted three genera as members of it

Coccinonectria L. Lombard & Crous

Lombard et al. (2015) introduced this genus with a hyphomycetous asexual morph. *Coccinonectria* resides in *Nectriaceae* in phylogenetic analyses (Lombard et al. 2015).

Coelodictyosporium Thambug. & K.D. Hyde

Thambugala et al. (2015b) introduced this coelomycetous genus and showed that it belongs in *Lophiostomataceae* in their phylogenetic analyses.

Collarina Giraldo et al.

Crous et al. (2014d) introduced this hyphomycetous genus and showed that it belongs to *Clavicipitaceae*.

Collembolispora Marvanová & Pascoal

Crous et al. (2012a) introduced *C. aristata* and showed that it belongs to *Helotiales* genera *incertae sedis*.

Collophorina Damm & Crous

The genus *Collophora* Damm & Crous was treated as illegitimate (Art. 53.1) thus Wijayawardene et al. (2017) introduced this genus to place species in *Collophora*.

Conicomycetes R.C. Sinclair et al.

Liu et al. (2015) introduced *C. pseudotransvaalensis* and showed that it belongs in *Chaetosphaeriaceae*.

Conlarium F. Liu & L. Cai

Liu et al. (2012) introduced this genus with a hyphomycetous asexual morph. Maharachchikumbura et al. (2015) treated *Conlarium* in *Sordariomycetidae*, genera *incertae sedis*. However, Zhang et al. (2017) introduced *Conlariaceae* (*Atractosporales*) to place this genus.

Constantinomyces Egidi & Onofri

This monotypic, hyphomycetous genus was introduced by Egidi et al. (2014). In sequence data analyses, *Constantinomyces* groups in *Teratosphaeriaceae* (Egidi et al. 2014; Wijayawardene et al. 2014).

Crassicarpon Y. Marín et al.

Marin-Felix et al. (2015) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that *Crassicarpon* belongs in *Chaetomiaceae*.

Crassimassarina A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2017) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Lophiotremataceae*.

Crinitospora B. Sutton & Alcorn

Crous et al. (2014a) designated an epitype for the type species of this genus and showed it belongs to *Melanconidaceae*, *Diaporthales*. However, Senanayake et al. (2017) placed this genus in *Stilbosporaceae*.

Crucellisporiopsis Nag Raj

Crous et al. (2014d) introduced *C. marquesiae* Crous and showed that it belongs to *Hyaloscyphaceae*, *Helotiales*.

Crumenulopsis J.W. Groves

Johnston et al. (2014) proposed to adopt sexual typified name *Crumenulopsis* over *Digitosporium* Gremmen.

Cryomyces Selbmann et al.

This genus was validly published in Wijayawardene et al. (2017)

Cryptoclypeus A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2017) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Lophiotremataceae*.

Cryptocoryneum Fuckel

Hashimoto et al. (2017) introduced *Cryptocoryneaceae* to place this hyphomycetous genus.

Cryptomeliola S. Hughes & Piroz.

Hongsanan et al. (2015) reported this genus has asexual morph which is directly produced from hyphae.

Cryptovalsa Ces. & De Not. ex Fuckel

Li et al. (2016a) reported that *C. ampelina* (Nitschke) Fuckel has coelomycetous asexual morph.

Cucurbitaria Gray

This genus was reported with diplodia-like, pyrenochaeta-like asexual morphs (Kirk et al. 2008, Hyde et al. 2013)

Cyclothyriella Jaklitsch & Voglmayr

Jaklitsch & Voglmayr (2016) introduced this genus with coelomycetous asexual morphs and showed that it has distinct lineage in *Pleoporales*. Hence, *Cyclothyriellaceae* has been introduced.

Cylindrium Bonord.

Lombard et al. (2015) showed that *Cylindrium s. str.* resides in *Hypocreales* genera *incertae sedis*.

Cylindrocarpostylus R. Kirschner & Oberw.

Lombard et al. (2015) showed that *Cylindrocarpostylus s. str.* resides in *Nectriaceae* in their phylogenetic analyses.

Cylindrodendrum Bonord.

Lombard et al. (2015) and Agustí-Brisach et al. (2016) showed that *Cylindrodendrum s. str.* resides in *Nectriaceae* in their phylogenetic analyses.

Cylindrosympodioides Crous & M.J. Wingf.

Crous et al. (2016b) introduced this hyphomycetous genus and accepted as a genus belongs in *Venturiales*.

Cymostachys L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Cyphellophora G.A. de Vries

Réblová et al. (2013) showed that *Cyphellophora* has a distinct phylogenetic lineage in *Chaetothyriales*, thus, they introduced the family *Cyphellophoraceae* to accommodate *Cyphellophora*.

Cyphellophoriella Crous & A. J. Smith

Crous et al. (2015c) introduced this genus and showed that it belongs to *Chaetothyriaceae*.

Cytostagonospora Bubák

Quaedvlieg et al. (2013) showed that *C. martiniana* (CBS 135102) belongs in *Mycosphaerellaceae*.

Cytospora Ehrenb.

Norphanphoun et al. (2017) revisited the genus and provided comprehensive morpho-molecular background of the genus.

Dactylonectria L. Lombard & Crous

Lombard et al. (2014) introduced this genus with hyphomycetous asexual morph.

Davidsoniella Z.W. de Beer et al.

De Beer et al. (2014) introduced this genus with a hyphomycetous asexual morph. Maharachchikumbura et al. (2015) listed *Davidsoniella* under *Ceratocystidaceae*, *Microascales*.

Dendrophoma Sacc.

Crous et al. (2012d) reinstated the genus which was previously tread as a synonym of *Dinemasporium* (Kirk et al. 2008).

Dendryphiella Bubák & Ranoj.

Boonmee et al. (2016) showed that this hyphomycetous genus belongs in *Dictyosporiaceae*

Dendryphion Wallr.

Su et al. (2016) introduced new species, *D. aquaticum* H.Y. Su & K.D. Hyde and showed that the genus belongs in *Torulaceae*.

Dermea Fr.

Johnston et al. (2014) treated *Sphaeronaema* Fr. and *Foveostroma* DiCosmo as synonyms of *Dermea*

Diatrype Fr.

Li et al. (2016a) introduced *D. thailandica* R.H. Perera et al. with coelomycetous asexual morph.

Diaporthales Nannf.

Senanayake et al. (2017) revised the order and introduced several new families viz. *Apiosporopsidaceae*, *Apharknessiaceae*,

Asterosporiaceae, *Auratiopycnidiellaceae*, *Erythrogloeaceae*, *Melanconiellaceae* and *Prosopidicolaceae*.

Dictyoaquaphila J.S. Monteiro et al.

Monteiro et al. (2016a) introduced this hyphomycetous genus. DNA sequences are unavailable thus placed in *Ascomycota* genera *incertae sedis*

Dictyoceratosporella Y.R. Ma & X.G. Zhang 2016,

Ma et al. (2016c) introduced this hyphomycetous genus. DNA sequences are unavailable thus placed in *Ascomycota* genera *incertae sedis*

Dictyocheirospora D'souza et al.

Boonmee et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Dictyosporiaceae*

Dictyopalmispora Pinruan et al.

Boonmee et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Dictyosporiaceae*

Dictyospora Brahamanage et al.

Brahamanage et al. (2017) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Tubeufiaceae*.

Dictyosporella Abdel-Aziz

Ariyawansa et al. (2015a) introduced this hyphomycetous genus. Zhang et al. (2017) placed it in *Diaporthomycetidae*, genera *incertae sedis*.

Dictyosporina Abreu et al.

Hyde et al. (2017) introduced this genus and showed that it belongs in *Mycosphaerellaceae*.

Dictyosporium Corda

Boonmee et al. (2016) showed that this genus belongs in *Dictyosporiaceae*

Didymellocamarosporium Wijayaw. & K.D. Hyde

Wijayawardene et al. (2016) showed that camarosporium-like taxon grouped in *Didymellaceae*. Hence, *Didymellocamaros-*

porium was introduced to accommodate this taxon.

Didysimulans Tibpromma et al.

Tibpromma et al. (2017) introduced this genus and reported chlamydospores from the cultures.

Digicatenosporium S.M. Leão et al.

Leão-Ferreira et al. (2015) introduced this hyphomycetous genus. DNA sequence data are unavailable thus taxonomic placement is uncertain.

Digitatispora Doguet

Rämä et al. (2014) showed that this genus has phylogenetic lineage in *Atheliaceae*, *Atheliales*.

Digitodesmium P.M. Kirk

Boonmee et al. (2016) showed that this genus belongs in *Dictyosporiaceae* in their phylogenetic analyses.

Dimorphiseta L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Dimorphiopsis Crous

Crous et al. (2013b) introduced *Dimorphiopsis* with *D. brachystegiae* as the type species. They also queried whether this odd fungus is a coelomycete or hyphomycete. Mega blast results of LSU sequence data show it has close relationship with *Lophiostoma* sp. (Crous et al. 2013b) and Wijayawardene et al. (2016) confirmed its placement in *Lophiostomataceae*, *Pleosporales*.

Diplocarpon F.A. Wolf

Johnston et al. (2014) proposed to adopt sexual typified name *Diplocarpon* over *Entomosporium* Lév., *Bostrichonema* Ces., *Marssonina* Magnus, and *Entomopeziza* Kleb. The genus might show coelomycetous or hyphomycetous asexual morphs.

Diplolaeviopsis Giralt & D. Hawksw.

Pärtel et al. (2016) reinstated the family *Cordieritidaceae* and showed that *Diplolaeviopsis* resides in *Cordieritidaceae*.

Discopycnothyrium Hongsanan & K.D. Hyde

Hongsanan et al. (2016) introduced this coelomycetous genus and showed that it belongs in *Asterinaceae* in their phylogenetic analyses.

Disculoides Crous et al.

Crous et al. (2012b) introduced this genus and showed that it belongs in *Diaporthales*. Maharachchikumbura et al. (2015) also treated *Disculoides* in *Diaporthales*, genera *incertae sedis*. However, Senanayake et al. (2017b) treated this genus as *Erythrogloeaceae*.

Distophragmia R.F. Castañeda et al.

Castañeda-Ruiz et al. (2015) introduced this hyphomycetous genus. DNA sequence data are unavailable thus taxonomic placement is uncertain.

Distoseptispora K.D. Hyde et al.

Su et al. (2016) introduced this hyphomycetous genus and showed that it belongs to *Distoseptisporaceae*.

Diversimorbus S.F. Chen & Jol. Roux

Chen et al. (2013) introduced this genus with a coelomycetous sexual morph. Phylogenetic analyses showed that it belongs in *Cryphonectriaceae*, *Diaporthales*.

Dokmaia I. Promputtha

Luo et al. (2014) deposited the sequences of *Dokmaia monthadangi*, the type species of the genus. The megablast results showed that it belongs to *Pleosporineae* genera *incertae sedis*.

Ellisembiopsis T.S. Santa Izabel & Gusmão

Santa-Izabel et al. (2013) introduced this monotypic genus. Sequence data are unavailable; thus the taxonomic placement is uncertain and it is presently placed in *Ascomycota*, genera *incertae sedis*.

Emarcea Duong et al.

Crous et al. (2015d) introduced *E. eucalyptigena* Crous & M.J. Wingf. which resides in *Xylariaceae*.

Embryonispora G.Z. Zhao

Zhao et al. (2013) introduced this hyphomycetous genus. Sequence data are

unavailable, thus taxonomic placement is uncertain.

Emericellopsis J.F.H. Beyma

Hyde et al. (2016) introduced *E. persica* Papizadeh et al. with a hyphomycetous asexual morph.

Endocoryneum Petr.

Wijayawardene et al. (2016) introduced new species and showed that it belongs to *Didymellaceae*.

Endomeliola S. Hughes & Piroz.

Hongsanan et al. (2015) reported this genus has asexual morph which is directly produced from hyphae.

Epicoleosporium Videira & Crous

Videira et al. (2016) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Mycosphaerellaceae*.

Epinephroma Zhurb.

Zhurbenko et al. (2012) introduced this monotypic, lichenicolous, coelomycetous genus. Sequence data is unavailable, hence, taxonomic placement is uncertain.

Eriosporella Höhn.

Dai et al. (2014c) introduced a new coelomycetous species, *E. bambusicola* D.Q. Dai et al. and showed it belongs to *Capnodiales*, genera *incertae sedis* in their phylogenetic analyses.

Erythrogloeum Petr.

Crous et al. (2012b) showed that this genus belongs to *Diaporthales* and designated an epitype for *Erythrogloeum hymenaeae*, the type species of the genus *Erythrogloeum*. Senanayake et al. (2017b) introduced *Erythrogloeaceae* to accommodate the genus.

Escovopsioides H.C. Evans & J.O. Augustin.

Augustin et al. (2012) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Hypocreaceae*.

Etayoa Diederich & Ertz

Ertz et al. (2014) introduced this genus with a hyphomycetous asexual morph. In phylogenetic analyses, *Etayoa* resides in *Phaeococcomycetaceae*, *Lichenostigmatales*.

Euantennariaceae Hughes & Corlett

Liu et al. (2017) placed this family in *Capnodiales*.

Eucalyptostroma Crous & M.J. Wingf.

Crous et al. (2016a) introduced this coelomycetous genus and accepted it as a genus in *Chaetosphaeriaceae*.

Eupelte Syd.

This genus was reported with clasterosporium-like and septoidium-like asexual morphs (Kirk et al. 2008, Seifert et al. 2011).

Eupenidiella Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this monotypic, hyphomycetous genus and showed it belongs in *Teratosphaeriaceae* in their phylogenetic analyses.

Eutiarosporella Crous

Crous et al. (2015b) introduced this genus and showed it belongs to *Botryosphaeriaceae*. Li et al. (2016a) introduced *E. dactylidis* (Thambug. et al.) Dissanayake et al. which represents a sexual morph of *Eutiarosporella*.

Exosporodiella Ganie et al.

Ganie et al. (2012) introduced this monotypic coelomycetous genus. Sequence data are unavailable, thus taxonomic placement is uncertain.

Extremus Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this hyphomycetous rock inhabiting genus and showed it belong in *Teratosphaeriaceae* in their phylogenetic analyses.

Falciphora J. Luo & N. Zhang

Luo et al. (2015) introduced this genus and showed it belongs to *Magnaporthaceae* in their phylogenetic analyses.

Falciphoriella M. Hern.-Restr. & Crous

Hernandez-Restrepo et al. (2016) introduced this hyphomycetous genus and showed it belongs in Magnaporthaceae.

Falcocladium S.F. Silveira et al.

Jones et al. (2014) introduced *Falcocladiaceae* to place *Falcodium* in *Hypocreomycetidae*, order *incertae sedis*.

Fantasmomyces DongHyeon Lee et al.

Crous et al. (2016^a) introduced this genus with hyphomycetous asexual morph and accepted as a genus belongs in *Sordariomycetes* genera *incertae sedis*.

Filiella Videira & Crous

Videira et al. (2016) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Mycosphaerellaceae*.

Filospora Nawawi

Baschien et al. (2013) showed that *Filospora* s. lato. resides in *Helotiales*. However, the type species lacks sequence data while ex-type cultures of three species (*F. fistucella*, *F. versimorpha* and *F. exilis*) reside in *Helotiaceae*.

Flammocladiella Crous et al.

Crous et al. (2015c) introduced this genus and showed that it has distinct phylogenetic lineage in *Hypocreales*. Hence Crous et al. (2015c) introduced *Flammocladiaceae* to accommodate *Flammocladiella*. However, Hongsanan et al. (2017) treated *Flammocladiaceae* as a synonym of *Clavicipitaceae*.

Fodinomyces Vázquez-Campos & Neilan

Vázquez-Campos et al. (2014) introduced this hyphomycetous genus and showed it belongs in *Teratosphaeriaceae*.

Foliophoma Crous

Crous & Groenewald (2017) introduced this coelomycetous genus. Wanasinghe et al. (2017) showed that it belongs in *Pleosporales*.

Forliomyces Phukhams. et al.

Phukhamsakda et al. (2016a) introduced this coelomycetous genus and showed that it belongs to *Sporormiaceae*. Wijayawardene et

al. (2016) confirmed this placement in their phylogenetic analyses.

Fumiglobus D.R. Reynolds & G.S. Gilbert

Bose et al. (2014) introduced a new species, *F. pieridicola* and showed *Fumiglobus* belongs in *Capnodiaceae*.

Fusiconidium J.F. Li et al.

Li et al. (2017a) introduced this genus which accommodated in *Melanommataceae*

Fuscosclera Hern.-Restr. et al.

Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Mollisiaceae*, *Helotiales*.

Fuscosporella J. Yang et al.

Yang et al. (2016) introduced this hyphomycetous genus and showed that it has distinct lineage in *Hypocreomycetidae*, *Sordariomycetes*. Thus, *Fuscosporellales* and *Fuscosporellaceae* were introduced. However, Hongsanan et al. (2017) showed that *Fuscosporellales* resided in *Savoryellomycetidae*.

Fuscostagonospora Kaz. Tanaka & K. Hiray.

Tanaka et al. (2015) introduced this genus and showed that it belongs to *Massarineae*. Wijayawardene et al. (2016) accepted this placement. However, Hyde et al. (2017) introduced *Fuscostagonosporaceae* to place this genus.

Fusicolla Bonord.

Lombard et al. (2015) showed that *Fusicolla* s. str. resides in *Nectriaceae* in their phylogenetic analyses.

Fusoidiella Videira & Crous

Videira et al. (2016) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Mycosphaerellaceae*.

Gaeumannomyces M. Hern.-Restr. & Crous

Hernandez-Restrepo et al. (2016) introduced this hyphomycetous genus and showed it belongs in Magnaporthaceae.

Gaeumannomyces Arx & D.L. Olivier

Luo et al. (2015) showed that *Gaeumannomyces* and *Harpophora* W. Gams grouped as a monophyletic clade in their phylogenetic analyses. Thus, they proposed to adopt *Gaeumannomyces* over *Harpophora*.

Galeaticarpa A. Hashim. & Kaz. Tanaka
Hashimoto et al. (2017) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Lophiotremataceae*.

Geastrumia Bat.

Ismail et al. (2016) showed that this coelomycetous genus belongs in *Mycosphaerellaceae* in their phylogenetic analyses.

Gelatinomyces N. Sanoamuang et al.
Sanoamuang et al. (2013) introduced this genus with phialophora-like hyphomycetous asexual morph. In phylogenetic analyses, *Gelatinomyces* grouped in *Leotiomycetes*, but did not cluster in any family.

Gelatinipulvinella Hosoya & Y. Otani
Johnston et al. (2014) proposed to adopt sexual typified name *Gelatinipulvinella* over *Aureohyphozyma* Hosoya & Y. Otani.

Globobotrys L. Lombard & Crous
Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Godroniopsis Diehl & E.K. Cash
Johnston et al. (2014) proposed to adopt sexual typified name *Godronia* over *Sphaeronaema* and *Dichaenopsella*.

Golubevia Q.M. Wang et al.
Wang et al. (2015) introduced this genus which resides in *Golubeviales*, *Golubeviaceae*, *Exobasidiomycetes*.

Grandibotrys L. Lombard & Crous
Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Greeneria Scribn. & Viala

Senanayake et al. (2017b) accepted the genus as a member in *Melanconiellaceae*.

Gregatothecium L. Lombard & Crous
Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Hawksworthiomyces Z.W. de Beer et al.
Da Beer et al. (2016) introduced this genus and showed in belongs in *Ophiostomatales*.

Helicangiospora Boonmee et al.
Boonmee et al. (2014) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Tubeufiaceae*.

Helicocentralis Sri-indr. Et al.
Sri-indrasutdhi et al. (2015) introduced this hyphomycetous genus and showed that it belongs to *Leotiomycetes* in their phylogenetic analyses.

Helicodochium J.S. Monteiro et al.
Monteiro et al. (2014a) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable, thus taxonomic placement is uncertain.

Helicosporium Nees Brahamanage et al.
(2017) introduced *H. flavum* Brahamanage et al. with hyphomycetous asexual morph.

Helminthosporiella Hern.-Restr. et al.
Crous et al. (2016b) introduced this hyphomycetous genus and accepted it belongs in *Massarinaceae*.

Helminthosporium Link
Voglmayr & Jaklitsch (2017) treated *Exosporium* Link as a synonym of *Helminthosporium* Link. Moreover, Voglmayr & Jaklitsch (2017) accepted *Helminthosporium* has massarina- or splanchnonema-like sexual morphs.

Hermatomyces Speg.
Doilom et al. (2016) introduced several new species and showed that they belong in

Lophiotremataceae. However, Hashimoto et al. (2017) introduced *Hermatomycetaceae* to place this genus.

Heterophoma Q. Chen & L. Cai

Chen et al. (2015) introduced this coelomycetous genus and phylogenetic analyses showed that it belongs in *Didymellaceae*.

Heterosporicola Crous

This genus was introduced to place *Heterospora* (Boerema et al.) Gruyter et al. which was invalidly published in de Gruyter et al. (2012)

Huntiella Z.W. de Beer et al.

De Beer et al. (2014) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Ceratocystidaceae*.

Hyaliappendispora Senan. et al.

Senanayake et al. (2017b) introduced this genus with coelomycetous asexual morph. In their phylogenetic analyses, they showed that it belongs in *Diaporthaceae*

Hyalopeziza Fuckel

This genus was reported with phialophora-like asexual morphs (Kirk et al. 2008).

Hyaloscypha Boud.

Han et al. (2014) reported that *H. albohyalina* var. *spiralis* and *H. albohyalina* var. *monodictys* produce *Pseudaeagerita* and monodictys-like asexual morphs, respectively.

Hyphoconis Egidi & Quaedvl.

Egidi et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Capnodiales*, genera *incertae sedis*.

Hypsostroma Huhndorf This genus was reported with pleurophomopsis-like asexual morphs (Kirk et al. 2008).

Hypoxylon Bull.

Li et al. (2016) introduced *Camporesia* W.J. Li & K.D. Hyde, a coelomycetous genus and showed that it belongs in *Xylariaceae*. Based on mega blast searches, *Camporesia* is treated

as a synonym of *Hypoxylon* (personal communication with M. Stadler)

Hyweljonesia R.G. Shivas et al.

Crous et al. (2016a) introduced this hyphomycetous genus and showed it belongs in *Teratosphaeriaceae*.

Idriellopsis Hern.-Restr. & Crous

Hernández-Restrepo et al. (2015) introduced this hyphomycetous genus and molecular phylogenetic analyses showed that it belongs in *Sordariomycetes*, genera *incertae sedis*. Maharachchikumbura et al. (2016) accepted as a genus in *Xylariales*.

Immotthia M.E. Barr

Hyde et al. (2017) illustrated holomorph of the genus.

Inaequalispora L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Incertomyces E. Egidi & L.Z.G. Fonseca

Egidi et al. (2014) introduced this rock-inhabiting hyphomycetous genus which has poor morphological features. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae*.

Irenopsis F. Stevens

Hongsanan et al. (2015) reported this genus has asexual morph which is directly produced from hyphae.

Isthmoconidium Etayo & Fr. Berger

Etayo & Berger (2013) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable and thus taxonomic placement is uncertain and it is presently accommodated in *Ascomycota*, genera *incertae sedis*.

Jackrogersella L. Wendt et al.

Wendt et al. (2017) introduced this genus with hyphomycetous asexual morph.

Jalapriya D'souza et al.

Boonmee et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Dictyosporiaceae*.

Janetia M.B. Ellis

Da Silva et al. (2016) showed that this coelomycetous genus belongs in *Mycosphaerellaceae*.

Jayarambhatia J. Pratibha

Pratibha (2013) introduced this monotypic genus. Sequence data are unavailable thus, taxonomic placement is uncertain. It is presently accommodated in *Ascomycota*, genera *incertae sedis*.

Johnalcornia Y.P. Tan & R.G. Shivas

Tan et al. (2014) introduced this genus to accommodate *Bipolaris aberrans* Alcorn which is distinct from *Bipolaris sensu stricto*, and is placed in *Pleosporaceae*.

Juglanconis Voglmayr & Jaklitsch

Voglmayr et al. (2017) introduced this genus with coelomycetous asexual morph. In the phylogenetic analyses, *Juglanconis* was placed as a distinct clade in *Diaporthales* thus *Juglanconidaceae* was introduced.

Kalmusia Niessl

The genus *Dendrothyrium* was introduced by Verkley et al. (2014) with *D. variisporum* Verkley et al. and phylogenetically clusters in *Didymosphaeriaceae* (Ariyawansa et al. 2014, Verkley et al. 2014). However, Ariyawansa et al. (2014) showed that the type species of *Dendrothyrium*, *D. variisporum* and *D. longisporum* Verkley et al. grouped in *Kalmusia sensu stricto*, thus the former name was reduced to synonymy under the latter generic name.

Kastanostachys L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Kirschsteiniothelia D. Hawksw.

Li et al. (2016a) introduced *K. tectonae* Doilom et al. with a hyphomycetous asexual morph.

Kirschsteiniotheliaceae S. Boonmee & K.D. Hyde

Su et al. (2016) revisited family *Kirschsteiniotheliaceae* in their phylogenetic analyses.

Kirstenboschia Quaedv. Et al.

Quaedvlieg et al. (2013) introduced this monotypic, coelomycetous genus. It does not group with any taxa in phylogenetic analyses, thus it was accommodated in *Ascomycota*, genera *incertae sedis*. The megablast results indicated this genus shows phylogenetic lineages with genera in *Xylariales*.

Kohlmeyeriopsis Klaubauf et al.

Klaubauf et al. (2014) introduced this genus with trichocladium-like asexual morphs. Phylogenetic analyses showed that it belongs to *Magnaporthaceae*.

Koorchalomella Chona et al.

Hyde et al. (2017) introduced *K. salmonispora* Abdel-Aziz and Abdel-Wahab and showed that it resides in *Stachybotryaceae*.

Lamproconium (Grove) Grove

Norphanphoun et al. (2016) showed that *Lamproconium* has distinct phylogenetic lineage in *Diaporthales* thus introduced *Lamproconiaceae*.

Lapidomyces de Hoog & Stielow

Egidi et al. (2014) introduced this hyphomycetous rock-inhabiting genus which has few distinct morphological features. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014).

Lareunionomyces Crous & M.J. Wingf.

Crous et al. (2016b) introduced this hyphomycetous genus and accepted it belongs in *Helotiales*.

Latorua Crous

Crous et al. (2015a) introduced this genus and showed that it has a distinct phylogenetic lineage in *Pleosporales*. Hence, they introduced *Latoruaceae* to accommodate the new genus.

Lectera P.F. Cannon

Cannon et al. (2012) introduced this monotypic coelomycetous genus and phylogenetic analyses showed that it belongs in *Plectosphaerellaceae*, *Hypocreomycetidae*, *Sordariomycetes*.

Lentithecium K.D. Hyde et al.

Hyde et al. (2016) introduced *L. unicellulare* Abdel-Aziz, a coelomycetous taxon which resides in *Lentitheciaceae*.

Lentomitella Höhn.

Zhang et al. (2017) introduced *Lentomitellaceae* to accommodate this genus and accepted the genus with hyphomycetous asexual morphs.

Leptosphaeria Ces. & De Not.

Hyde et al. (2016) introduced *L. cirsii* Jayasiri et al. with a coelomycetous asexual morph.

Leptotrochila P. Karst.

Johnston et al. (2014) proposed to adopt sexual typified name *Leptotrochila* over *Sporonema* Desm.

Liberomyces Pažoutová et al.

Pažoutová et al. (2012) introduced new endophytic coelomycete genus with two species. Phylogenetic analyses showed it belongs to *Sordariomycetes*, genera, *incertae sedis*.

Libertasomyces Crous & Roets

Crous et al. (2016b) introduced this hyphomycetous (with subverticillium-like synasexual morph), genus and accepted it as a genus in *Pleosporales* genera *incertae sedis*. Crous & Groenewald (2017) introduced *Libertasomycetaceae* to place this genus.

Licopolia Sacc. et al.

Hyde et al. (2017) illustrated the holomorph of the genus with coelomycetous asexual morph and placed it in *Vizellaceae*.

Lignosphaeria Boonmee et al.

Thambugala et al. (2015b) introduced this genus with a coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Dothideomycetes* genera *incertae sedis*.

Lithohypha Selbmann & Isola

Wijayawardene et al. (2017) introduced this genus to accommodate *Lithophila* Selbmann & Isola which was invalidly published in Isola et al. (2015).

Longipedicellata H. Zhang et al.

Zhang et al. (2016) introduced this genus with hyphomycetous asexual morph. Phukhamsakda et al. (2016b) introduced new family, *Longipedicellataceae*.

Longitudinalis Tibpromma & K.D. Hyde

Hyde et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Plectosphaerellaceae*.

Lophiostoma Ces. & De Not.

Ariyawansa et al. (2015a) reported a coelomycetous asexual morph in culture of *L. caulium* (Fr.) Ces. & De Not.

Lunatiannulus Daranagama et al.

Daranagama et al. (2015) this genus with libertella-like asexual morph. Phylogenetic analyses showed that it belongs in *Xylariaceae*.

Luteocirrhus C.F. Crane et al.

Crane & Burgess (2013) introduced this coelomycetous genus and showed that it belongs in *Cryphonectriaceae*.

Macgarvieomyces Klaubauf et al.

Klaubauf et al. (2014) introduced this monotypic, hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Pyriculariaceae*.

Macrodiplodiopsis Petr.

Crous et al. (2015a) introduced *Macrodiplodiopsidaceae* to place *Macrodiplodiopsis*. Crous et al. (2015a) introduced the sexual morph of *M. desmazieri* (Mont.) Petr., the type species of *Macrodiplodiopsis*.

Macrohilaceae Crous

Crous et al. (2015a) introduced *Macrohilaceae* to place *Macrohilum*.

Magnaporthiopsis J. Luo & N. Zhang

Luo & Zhuang (2012) introduced *Magnaporthiopsis* a phialophora-like asexual genus. Phylogenetic analyses based on SSU,

ITS, LSU, MCM7, RPB1 and TEF1 genes, showed that it belongs in *Magnaporthaceae*. Maharachchikumbura et al. (2015) agreed with this familial placement.

Magnibotryascoma Thambug. & K.D. Hyde
Thambugala et al. (2015) introduced this genus and showed that it belongs in *Floricolaceae* (current name: *Teichosporaceae*)

Magnicamarosporium Kaz. Tanaka & K. Hiray.
Tanaka et al. (2015) introduced this coelomycetous genus and showed that it belongs in *Sulcatissporaceae* in their phylogenetic analyses.

Magnohelicospora R.F. Castañeda et al.
Castañeda et al. (2013) introduced this hyphomycetous genus. Sequences are unavailable thus taxonomic placement was uncertain. Hernández-Restrepo et al. (2017) showed that the genus in *Venturiaceae*.

Malaysiasca Crous & M.J. Wingf.
Crous et al. (2016b) introduced this genus with hyphomycetous asexual morph and accepted it as a genus in *Glomerellales*.

Marasasiomyces Crous
Crous et al. (2015b) introduced this genus and showed it belongs in *Botryosphaeriaceae*.

Mastigosporium Riess
Crous et al. (2014a) showed that this genus belongs to *Helotiales* genera *incertae sedis* in their phylogenetic analyses.

Matsushimamyces Rahul Sharma & Rohit Sharma
Sharma et al. (2015) introduced this coelomycetous genus and phylogenetic analyses showed that it belongs to *Latoruaceae* (*Pleosporales*).

Medicopsis Gruyter et al.
Pyrenochaeta romeroi clustered in *Trematosphaeriaceae* while *Pyrenochaeta sensu stricto* resides in *Cucurbitariaceae*. Hence, de Gruyter et al. (2012) introduced *Medicopsis* to accommodate *Pyrenochaeta romeroi*.

Megacapitula J.L. Chen & Tzean Prabhugaonkar & Bhat (2011) showed that this genus resides in *Pleosporales* genera *incertae sedis* in their phylogenetic analyses.

Melanocamarosporium Wijayaw. et al.
Wijayawardene et al. (2016) introduced this genus to accommodate camarosporium-like taxon resides in *Melanommataceae*.

Melanconiella Sacc.
Senanayake et al. (2017b) accepted the genus with coelomycetous asexual morphs and introduced *Melanconiellaceae*.

Melanoctona Qing Tian et al.
Tian et al. (2016) introduced this genus with hyphomycetous asexual morph and showed it belongs in *Herpotrichiellaceae* in their phylogenetic analyses

Melanomma Nitschke ex Fuckel
Hyde et al. (2013) and Tian et al. (2015) reported coelomycetous asexual morphs from this genus.

Melanotrigonum Réblová
Réblová et al. (2016b) introduced this genus with a hyphomycetous asexual morph. Molecular phylogenetic analyses showed that *Melanotrigonum* belongs in *Pleurotheciaceae*.

Meliola Fr.
Hongsanant et al. (2015) reported this genus has asexual morph which is directly produced from hyphae.

Melnikia Wijayaw. Et al.
Wijayawardene et al. (2016) introduced this coelomycetous genus and showed that it belongs to *Phaeosphaeriaceae*.

Melnikomyces Crous & U. Braun
Crous et al. (2014c) introduced this hyphomycetous genus and showed that it belongs in *Chaetothyriales*, genera *incertae sedis*.

Menisporopsis S. Hughes
Seifert et al. (2011) accepted this genus as a member in *Chaetosphaeriaceae*. Réblová et al.

(2016a) reduced *Menisporopascus* Matsush. (sexual morph *fide* Matsushima 2001) under *Menisporopsis*.

Meristemomyces Isola & Onofri

Egidi et al. (2014) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014, Wijayawardene et al. 2014).

Metacordyceps G.H. Sung et al.

Wen et al. (2017) introduced *M. neogunnii* T.C. Wen & K.D. Hyde with hyphomycetous asexual morph.

Metapochonia Kepler et al.

Kepler et al. (2014) introduced this genus which has verticillium-like conidia. Phylogenetic analyses showed that *Metapochonia* belongs in *Clavicipitaceae*, *Hypocreales*.

Microdochiella Hern.-Restr. & Crous

Hernández-Restrepo et al. (2015) introduced this hyphomycetous genus and molecular phylogenetic analyses showed that it belongs in *Orbiliiales*, genera *incertae sedis*.

Microdochium Syd.

Réblová et al. (2016a) accepted *Microdochium* over *Monographella* Petr.

Microsphaeropsis Höhn.

Chen et al. (2015) introduced *Microsphaeropsidaceae* to accommodate *Microsphaeropsis* since *Microsphaeropsis* showed distinct phylogenetic lineage from *Didymellaceae*.

Minimelanolocus R.F. Castañeda & Heredia

Liu et al. (2015) introduced four new species in this genus and provided the molecular dataset for *Minimelanolocus*. The phylogenetic analyses showed that *Minimelanolocus* belongs in *Herpotrichiellaceae*.

Minteriella Heredia et al.

Heredia et al. (2013) introduced this hyphomycetous genus from Mexico. DNA sequence data unavailable thus placed in *Ascomycota* genera *incertae sedis*.

Minutiella Crous

Crous et al. (2015d) introduced this genus and showed that it belongs in *Phaeomoniellales*, genera *incertae sedis*. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Moelleriella Bres.

Li et al. (2016a) introduced *M. phukhiaoensis* Mongkol. et al. with coelomycetous asexual morph.

Monochaetia (Sacc.) Allesch.

De Silva et al. (2017) introduced new species, *M. ilexae* N.I. de Silva et al. and confirmed the placement of the genus in *Pestalotiopsidaceae* (current name: *Sporocadaceae*)

Monticola Selbmann & Egidi

Egidi et al. (2014) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014, Wijayawardene et al. 2014).

Mucispora J. Yang et al.

Yang et al. (2016) introduced this hyphomycetous genus and showed that belongs in *Fuscosporellaceae*.

Mucoharknessia Crous et al.

Crous et al. (2015b) introduced this genus and showed it belongs in *Botryosphaeriaceae* in their phylogenetic analyses. This placement was confirmed by Wijayawardene et al. (2016).

Mulderomyces Crous et al.

Crous et al. (2016b) introduced this coelomycetous genus and accepted it as a genus in *Ostropales*.

Munkovalsaria Aptroot

This genus was reported with lecythophora-like asexual morphs (Kirk et al. 2008).

Murilentithecium Wanas. et al.

Wanasinghe et al. (2014) introduced this genus with camarosporium-like asexual morph and showed that this genus resides in *Lentitheciaceae*.

Muriphaeosphaeria Phukhams. et al.
Phukhamsakda et al. (2015) introduced this genus with a coelomycetous asexual morph. Phylogenetic analyses confirmed its placement in *Phaeosphaeriaceae*.

Muripulchra Z.L. Luo et al.
Luo et al. (2017) introduced this aquatic hyphomycetous genus and showed that it belongs in *Tubeufiaceae*.

Murispora Y. Zhang bis et al.
Wanasinghe et al. (2015) reported phoma-like asexual morphs from the putative culture of *M. hawksworthii*.

Mycocalicium Vain.
Ariyawansa et al. (2015a) introduced *M. hyaloparvicellulum* Daranagama & K.D. Hyde with a hyphomycetous asexual morph.

Mycofalcella Marvanová et al.
Baschien et al. (2013) showed that this genus belongs in *Helotiaceae*.

Mycophilomyces Crous & M.J. Wingf.
Crous et al. (2016^a) introduced this hyphomycetous genus and accepted as a genus belongs in *Clavicipitaceae*.

Mycosphaerelloides Videira & Crous
Videira et al. (2016) introduced this genus with hyphomycetous asexual morph. In phylogenetic analyses, they showed that it belongs in *Mycosphaerellaceae*.

Myrtacremonium Crous
Crous et al. (2017) introduced this coelomycetous genus and showed that it belongs in *Niessliaceae*, *Hypocreales*.

Myrtapendiella Quaedvl. & Crous
Quaedvlieg et al. (2014) introduced this hyphomycetous genus. Phylogenetic analyses showed that *Myrtapendiella* belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014, Wijayawardene et al. 2014).

Myxospora L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Neoacanthostigma Boonmee et al.
Boonmee et al. (2014) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that *Neoacanthostigma* belongs in *Tubeufiaceae* (Boonmee et al. 2014, Wijayawardene et al. 2014). Lu et al. (2017b) also introduced four new species with hyphomycetous asexual morphs and confirmed its placement in *Tubeufiaceae*.

Neoascochyta Q. Chen & L. Cai
Chen et al. (2015) introduced this genus with coelomycetous asexual morph (ascochyta-like) and DNA sequence analyses showed that it belongs in *Didymellaceae*.

Neoscotaiwania Hern.-Restr. et al.
Hernández-Restrepo et al. (2017) introduced this genus with a hyphomycetous asexual morph.

Neobambusicola Crous & M.J. Wingf.
Crous et al. (2014d) introduced this coelomycetous genus and showed that it belongs in *Sulcatisporaceae*.

Neocamarosporium Crous & M.J. Wingf.
Crous et al. (2014c) showed that camarosporium-like taxa were distinct from *Camarosporium sensu stricto* and thus introduced *Neocamarosporium*. Wijayawardene et al. (2016) listed *Neocamarosporium* as a member of *Pleosporaceae*, *Pleosporales*. However, Wanasinghe et al. (2017) showed that this genus has distinct phylogenetic lineage in *Pleosporales* thus *Neocamarosporiaceae* was introduced.

Neocatenulostroma Quaedvl. & Crous
Quaedvlieg et al. (2014) introduced this genus with a hyphomycetous asexual morph. Phylogenetic analyses showed that *Neocatenulostroma* belongs in *Teratosphaeriaceae* (Quaedvlieg et al. 2014, Wijayawardene et al. 2014).

Neoceratosperma Crous & Cheew.

Crous et al. (2014c) introduced this genus and mentioned that it has affinity with *Mycosphaerellaceae*. Wijayawardene et al. (2014) listed *Neoceratosperma* under *Mycosphaerellaceae*. Guatimosim et al. (2016) introduced two more species with mycosphaerella-like sexual morphs.

Neocercospora M. Bakhshi et al.

Bakshi et al. (2015) introduced *Neocercospora* and compared it with other cercosporoid-like genera. Molecular phylogenetic analyses showed that *Neocercospora* belongs in *Mycosphaerellaceae*.

Neocladophialophora Crous & R.K. Schumach.

Crous et al. (2014d) introduced this monotypic hyphomycetous genus and compared it with *Cladophialophora*, *Fusicladium* and *Polyscytalidium*. Based on mega blast results of ITS sequence data, Crous et al. (2014d) mentioned that *Neocladophialophora* has a relationship with *Triscelophorus* cf. *acuminatus*.

Neocordana Hern.-Restr. & Crous

Hernández-Restrepo et al. (2015) introduced this genus and molecular phylogenetic analyses showed that it belongs to *Pyriculariaceae*.

Neocrinula Crous

Crous et al. (2016a) introduced this hyphomycetous genus and accepted as a genus of *Helotiaceae*.

Neocucurbitaria Wanas. et al.

Wanasinghe et al. (2017) introduced this genus with coelomycetous asexual morph and showed that it belongs in *Cucurbitariaceae*.

Neocylindroseptoria Thambug. & K.D. Hyde

Thambugala et al. (2014) introduced this coelomycetous genus to accommodate *Cylindroseptoria pistaciae* Quaedvl. et al. which resided in *Dothideaceae*.

Neodactylaria Guevara-Suarez et al.

Crous et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Dothideomycetes*.

Neodeightonia C. Booth

Dai et al. (2016) reported on the holomorph of *N. subglobosa* C. Booth and confirmed its placement in *Botryosphaeriaceae*.

Neodeightoniella Crous & W.J. Swart

Crous et al. (2013b) introduced this monotypic hyphomycetous genus and mega blast searches showed it has closer affinities to members in *Mycosphaerellaceae*.

Neodevriesia Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this hyphomycetous genus to accommodate two *Devriesia* (*Neodevriesiaceae*) species which grouped as distinct to *Devriesia sensu stricto* in *Teratosphaeriaceae*. Crous et al. (2015) mentioned that *Neodevriesia* has teratosphaeria-like sexual morph.

Neodidymelliopsis Q. Chen & L. Cai

Chen et al. (2015) introduced this genus with coelomycetous asexual morph and showed it belongs in *Didymellaceae*.

Neoeriomycopsis Crous & M.J. Wingf.

Crous et al. (2015d) introduced this coelomycetous genus and showed that it belongs in *Sordariomycetes*, genera *incertae sedis*.

Neohelicomyces Z.L. Luo et al.

Luo et al. (2017) introduced this aquatic hyphomycetous genus and showed that it belongs in *Tubeufiaceae*.

Neohortaea Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this monotypic hyphomycetous genus. Wijayawardene et al. (2014) listed it under *Capnodiales*, genera *incertae sedis*.

Neoidriella Hern.-Restr. & Crous

Hernández-Restrepo et al. (2015) introduced this hyphomycetous genus. Molecular phylogenetic analyses showed that it belongs in *Sordariomycetes*, genera *incertae sedis*.

Neomicrosphaeropsis Thambug. et al.

Thambugala et al. (2016) introduced this coelomycetous genus and showed that it belongs to *Didymellaceae*.

Neomyrothecium L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Neopenidiella Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this monotypic hyphomycetous genus and showed that it belongs in *Mycosphaerellaceae*.

Neopestalotiopsis Maharachch. et al.

Maharachchikumbura et al. (2014) introduced this genus to accommodate several *Pestalotiopsis* species which do not cluster in *Pestalotiopsis sensu stricto*.

Neophaeococcomyces Crous & M.J. Wingf.

Crous et al. (2015e) introduced this genus and their phylogenetic analyses showed that it belongs in *Strelitzianaceae*.

Neophaeocryptopus Wanas. et al.

Li et al. (2016) introduced this genus with coelomycetous asexual morph.

Neophaeomoniella Rooney-Latham & Crous

Crous et al. (2015d) introduced this coelomycetous genus and showed that it belongs in *Phaeomoniellales*, genera *incertae sedis*. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Neophaeothecoidea Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this monotypic hyphomycetous genus and showed that it belongs in *Teratosphaeriaceae*.

Neophysalospora Crous & M.J. Wingf.

Crous et al. (2014d) introduced this genus with coelomycetous asexual morph and showed that it belongs to *Clypeophysalosporaceae*.

Neoplatysporoides Crous & M.J. Wingf.

Crous et al. (2015d) introduced this genus with coelomycetous asexual morph and showed that it belongs to *Pleosporaceae*. Crous &

Groenewald (2017) showed that this genus belongs in *Libertasomycetaceae*.

Neopseudocercospora Crous

Crous et al. (2013b) introduced this hyphomycetous genus and placed it in *Mycosphaerellaceae* based on mega-blast results. Braun et al. (2014) introduced the second species based on morphology.

Neopseudocercosporella Videira & Crous

Videira et al. (2016) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Mycosphaerellaceae*.

Neoscolecobasidium Crous

Crous et al. (2016a) introduced this coelomycetous genus and confirmed its placement in *Microthyriales* genera *incertae sedis*.

Neopseudolachnella A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2015) introduced this genus and the phylogenetic analyses showed that it belongs in *Chaetosphaeriaceae*.

Neopyricularia Klaubauf et al.

Klaubauf et al. (2014) introduced this genus and showed that it belongs in *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Neoramichloridium Phook. et al.

Thambugala et al. (2017) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Mycosphaerellaceae*.

Neoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus and showed it belongs in *Mycosphaerellaceae*, but is distinct from *Septoria sensu stricto*.

Neoseptorioides Crous et al.

Crous et al. (2015e) introduced this genus and listed it under *Saccharataceae*.

Neosphaerellopsis Crous & Trakun.

Trakuningcharoen et al. (2014) introduced this coelomycetous genus and showed it belongs in *Phaeosphaeriaceae*.

Neostagonospora Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this genus and showed it belongs in *Phaeosphaeriaceae*. Phookamsak et al. (2014) confirmed this placement in their phylogenetic analyses.

Neostrelitziana Crous & M.J. Wingf.

Crous et al. (2015d) introduced this hyphomycetous genus and showed it belongs to *Chaetothyriales*, genera *incertae sedis*.

Neosulcatispora Crous & M.J. Wingf.

Crous et al. (2015e) introduced this coelomycetous genus and blast results showed that it has closer relationship to *Vrystaatia* in *Phaeosphaeriaceae*. Thus, we list *Neosulcatispora* under *Phaeosphaeriaceae*.

Neothyronectria Crous & Thangavel

Crous et al. (2016a) introduced this coelomycetous genus and accepted as a genus belongs in *Hypocreales*, genera *incertae sedis*.

Neotorula Ariyaw. et al.

Su et al. (2016) introduced this genus and showed that it belongs to *Torulaceae* in their phylogenetic analyses.

Neotrimmatostroma Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this genus with a hyphomycetous asexual morph. In phylogenetic analyses, *Neotrimmatostroma* resides in *Teratosphaeriaceae*.

Neotruncatella Hyang B. Lee & T.T.T. Nguyen

Hyde et al. (2016) introduced this coelomycetous genus and showed that it belongs in *Bartaliniaceae*.

Neurospora Shear & B.O. Dodge

Réblová et al. (2016a) reduced asexual typified name, *Chrysonilia* Arx under this genus.

Nothophoma Q. Chen & L. Cai

Chen et al. (2015) introduced this genus and DNA sequence analyses showed that it belongs in *Didymellaceae*.

Occultibambusa D.Q. Dai & K.D. Hyde

Dai et al. (2016) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that this genus belongs to *Occultibambusaceae*.

Ochroconis de Hoog & Arx

Crous et al. (2015e) introduced *Ochroconis pandanicola* Crous & M.J. Wingf. and mentioned Samerpitak et al. (2014) also accepted the placement of *Ochroconis* in *Sympoventuriaceae*.

Oleoguttula Selbmann & de Hoog

The hyphomycetous genus *Oleoguttula* was introduced by Egidi et al. (2014) and belongs in *Teratosphaeriaceae* in their phylogenetic analysis.

Ophidiomyces Sigler et al.

Sigler et al. (2013) introduced a new genus to replace the hyphomycetous taxon, *Chrysosporium ophioidicola* Guarro et al. which produces solitary, thallic conidia and arthric conidia.

Ophiodiaportha Y.M. Ju et al.

Fu et al. (2013) introduced this genus and showed that it clustered in *Diaporthaceae*. Maharachchikumbura et al. (2015) agreed with this familial placement.

Paecilomyces Bainier

Zawadneak et al. (2015) confirmed the placement of this genus in *Thermoascaceae*.

Pallidocercospora Crous

Crous et al. (2013a) introduced this hyphomycetous genus to accommodate the cercospora-like taxa that group distinct to *Cercospora sensu stricto* in *Mycosphaerellaceae*.

Palmiascoma Phookamsak & K.D. Hyde

Liu et al. (2015) introduced this genus with a coelomycetous asexual morph and phylogenetic analyses showed that it belongs in *Bambusicolaceae*.

Parabambusicola Kaz. Tanaka & K. Hiray.

Tanaka et al. (2015) introduced this genus with a hyphomycetous (monodictys-like) asexual

morph and phylogenetic analyses showed that it belongs to *Parabambusicolaceae*.

Parablastocatena Y.D. Zhang & X.G. Zhang
Zhang et al. (2012b) introduced this hyphomycetous genus but it lacks sequence data. Hence, taxonomic placement is uncertain.

Paraboeremia Q. Chen & L. Cai
Chen et al. (2015) introduced this genus with coelomycetous asexual morph and DNA sequence analyses showed that it belongs in *Didymellaceae*.

Paracamarosporium Wijayaw. & K.D. Hyde
Wijayawardene et al. (2014c) introduced this genus to accommodate *Camarosporium psoraleae* Crous & M.J. Wingf. which grouped (in *Didymosphaeriaceae*) away from *Camarosporium sensu stricto* in *Pleosporinae*.

Paracladophialophora Crous
Crous et al. (2016a) introduced this coelomycetous genus and confirmed its placement in *Chaetothyriaceae*.

Paracollema Otálora & Wedin
Otálora et al. (2014) introduced this genus and placed it in *Collemataceae*.

Paracremonium L. Lombard & Crous
Lombard et al. (2015) introduced this genus with hyphomycetous asexual morph. Molecular phylogenetic analyses showed that it belongs in *Nectriaceae*.

Paracylindrocarpon Crous et al.
Crous et al. (2016b) introduced this coelomycetous genus and accepted it as a genus in *Bionectriaceae*.

Paradendryphiella Woudenberg & Crous
Woudenberg et al. (2013) introduced *Paradendryphiella* and showed it resides in *Pleosporaceae* in their phylogenetic analyses. Ariyawansa et al. (2015c) accepted this placement in their phylogenetic analyses.

Paradiplococcium Hern.-Restr. et al.
Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed it belongs in *Sordariomycetes*.

Paracollema Otálora & Wedin
Otálora et al. (2014) introduced this genus and placed it in *Collemataceae*.

Paradictyoarthrinium Matsush.
Doilom et al. (2016) showed that the hyphomycetous *Paradictyoarthrinium* has distinct phylogenetic lineage in *Pleosporales*, thus introduced *Paradictyoarthriniaceae*.

Paraepicoccum Matsush.
Thambugala et al. (2016) showed tht *Paraepicoccum* resides in *Pleosporales* based on molecular sequences of fresh collections.

Parafabraea Chen et al.
Chen et al. (2016) introduced this genus with coelomycetous asexual morph and showed that it belongs in *Dermateaceae*.

Parafuscosporella J. Yang & K.D. Hyde
Yang et al. (2016) introduced this hyphomycetous genus and showed that it showed that belongs in *Fuscosporellaceae*.

Paragnomonina Senan. & K.D. Hyde
Senanayake et al. (2017) introduced this genus with coelomycetous asexual morph and showed it belongs in *Sydowiellaceae*.

Paraidriella Hern.-Restr. & Crous
Hernández-Restrepo et al. (2015) introduced this hyphomycetous genus. Molecular phylogenetic analyses showed that it belongs in *Sordariomycetes*, genera *incertae sedis*. Maharachchikumbura et al. (2016) accepted it as a genus in *Xylariales*.

Paraleptosphaeria Gruyter et al.
de Gruyter et al. (2012) introduced a new coelomycete genus to accommodate four species of *Leptosphaeria* spp. (*L. dryadis*, *L. macrospora*, *L. nitschkei* and *L. praetermissa*) and *Phoma korfii*. Phylogenetic analyses showed that *Paraleptosphaeria* resided in *Leptosphaeriaceae*. Ariyawansa et al. (2015b) also accepted the placement of *Paraleptosphaeria* in *Leptosphaeriaceae*.

Paramicrodochium Hern.-Restr. & Crous

Hernández-Restrepo et al. (2015) introduced this hyphomycetous genus and molecular phylogenetic analyses showed that it belongs in *Sordariomycetes*, genera *incertae sedis*.

Paramycoleptodiscus Crous & M.J. Wingf.
Crous et al. (2016b) introduced this coelomycetous genus and accepted it as a genus in *Acrospermales*.

Paramyrothecium L. Lombard & Crous
Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Paranannizziopsis Sigler et al.
Sigler et al. (2013) introduced this reptile pathogenic hyphomycetous genus with four species. Phylogenetic analyses showed that it belongs in *Onygenaceae*.

Paraphaeomoniella Crous
Crous et al. (2015d) introduced this genus and showed that it belongs in *Phaeomoniellales*, genera *incertae sedis*. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Parastagonospora Quaedvli. et al.
Quaedvlieg et al. (2013) introduced this genus which has stagonospora-like conidia and showed it belongs in *Phaeosphaeriaceae*. Phookamsak et al. (2014) and, Wijayawardene et al. (2014) confirmed this placement in their phylogenetic analyses.

Parawiesneriomyces Crous & M.J. Wingf.
Crous et al. (2016b) introduced this hyphomycetous genus and accepted it as a genus in *Wiesneriomycetaceae*.

Parameliola Hongsanan et al.
Li et al. (2016a) introduced this hyphomycetous genus and showed that it belongs in *Pleosporales*.

Parvothecium L. Lombard & Crous
Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Paulkirkia Wijayaw. et al.

Wijayawardene et al. (2016) introduced this genus and showed it belongs to *Floricolaceae* (current name *Teichosporaceae*).

Perthomyces Crous
Crous et al. (2017) introduced this coelomycetous genus and showed that it belongs in *Pleosporales*.

Perusta Egidi & Stielow
Egidi et al. (2014) introduced this genus and showed that it grouped close to *Dothideales* in their phylogenetic analyses. However, we list *Perusta* as *Dothideomycetes*, genera *incertae sedis*.

Penidiellopsis Sandoval-Denis et al.
Crous et al. (2016b) introduced this hyphomycetous genus and accepted it as a genus in *Teratosphaeriaceae*.

Petrakia Syd. & P. Syd.
Butin et al. (2013) stated that *Petrakia* showed *Mycodidymella* sexual morphs and resides in *Pleosporales* genera *incertae sedis*.

Petrophila de Hoog & Quaedvli.
Egidi et al. (2014) introduced this hyphomycetous genus. Quaedvlieg et al. (2014) showed that it belongs in *Extremaceae*, *Capnodiales*.

Phaeomycocentrospora Crous et al.
Trakunyingcharoen et al. (2014) showed that this genus belongs in *Didymellaceae* in their phylogenetic analyses.

Phaeopoacea Thambug. et al.
Thambugala et al. (2017) introduced this genus with a coelomycetous asexual morph.

Phaeoschizotrichum Silva et al.
Silva et al. (2015) introduced this genus but sequence data is unavailable. Hence, taxonomic placement is uncertain.

Phaeothecoidiellaceae K.D. Hyde & Hongsanan
Hongsanan et al. (2017b) introduced this family in *Capnodiales* and accepted two hyphomycetous genera as members in the family (viz. *Houjia* G.Y. Sun & Crous and

Phaeothecoidiella Batzer & Crous along with one sexual morph viz. *Chaetothyria* Theiss.

Phialemoniopsis Perdomo et al.

Perdomo et al. (2013) introduced *Phialemoniopsis* with sporodochium-like or pycnidium-like conidiomata. Phylogenetic analyses showed it does not group in any family, thus it was treated as *Sordariomycetes*, genera *incertae sedis*.

Phomatodes Q. Chen & L. Cai

Chen et al. (2015) introduced this coelomycetous genus and DNA sequence analyses showed that it belongs in *Didymellaceae*.

Phragmocamarosporium Wijayaw. et al.

Wijayawardene et al. (2015) introduced this coelomycetous genus with two species and showed it belongs to *Lentitheciaceae*. This placement was confirmed by Wijayawardene et al. (2016).

Platychora Petr.

Hyde et al. (2016) reported a coelomycetous asexual morph in the culture of *P. ulmi* (J. Schröt) Petr. and confirmed the placement in *Didymellaceae*.

Platytrachelon Réblová

Réblová (2013) introduced this genus with hyphomycetous asexual morph. Zhang et al. (2017) showed that it belongs in *Papulosaceae*.

Pleiocarpon L. Lombard & D. Aiello

Aiello et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Nectriaceae*.

Plenodomus Preuss

de Gruyter et al. (2012) treated this genus as a distinct genus in *Leptosphaeriaceae* and showed that the type species of *Plectophomella* Moesz, *P. visci* (Sacc.) Moesz also resides in *Plenodomus sensu stricto*. Thus, *Plectophomella* was treated as a synonym of *Plenodomus*. Ariyawansa et al. (2015b) also accepted the placement of *Plenodomus* in *Leptosphaeriaceae*.

Pleomonodictys Hern.-Restr. et al.

Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed that it has distinct phylogenetic lineage in *Dothideomycetes*. Hence, they introduced *Pleomonodictydaceae* in *Pleosporales*.

Pleotrichocladium

Hern.-Restr. et al. Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Melanommataceae* in their phylogenetic analyses.

Pleurophoma Höhn.

Crous et al. (2015d) introduced a new species and placed it in *Lentitheciaceae*.

Pleurophragmium Costantin

Dai et al. (2016) introduced *P. bambusinum* and showed that it belongs to *Sordariomycetes* genera *incertae sedis*.

Pleurotheciella Réblová et al.

Réblová et al. (2012) introduced this genus with a dactylaria-like asexual morph. Maharachchikumbura et al. (2016) listed this genus under *Pleurotheciaceae*.

Poaceicola W.J. Li et al.

Li et al. (2015) introduced this genus with coelomycetous asexual morph. Moreover, Li et al. (2015) showed that *Poaceicola* resides in *Phaeosphaeriaceae*.

Podosporiopsis Jian Ma et al.

Ma et al. (2016a) introduced this hyphomycetous genus. DNA sequences are unavailable thus placed in *Ascomycota* genera *incertae sedis*

Polyphialoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus which has septoria-like conidia. In phylogenetic analyses, it groups in *Mycosphaerellaceae*, but is distinct from *Septoria sensu stricto*.

Polythrincium Kunze

Wijayawardene et al. (2014c) treated *Cymadothea* F.A. Wolf as a synonym of *Polythrincium* and Rossman et al. (2015) accepted this.

Porocercospora Amaradasa et al.

Amaradasa et al. (2014) introduced this genus to accommodate *Cercospora seminalis* Ellis & Everh. which forms a distinct phylogenetic lineage in *Pleosporaceae*.

Prillieuxina G. Arnaud

Hongsanan et al. (2014) reduced the asexual typified name *Leprieurina* G. Arnaud under *Prillieuxina*.

Proliferosphaera T.P. Devi

Devi et al. (2012) introduced this monotypic, coelomycetous genus and compared it with other morphologically similar genera. The blast result of ITS sequence in GenBank indicate that it belongs in *Dothideomycetes*.

Prosopidicola Crous & C.L. Lennox

Senanayake et al. (2017b) introduced *Prosopidicolaceae* to place this genus.

Protostegia Cooke

Crous et al. (2015a) showed that this genus belongs to *Mycosphaerellaceae*. They also designated an epitype for the type species.

Proxiyricularia Klaubauf et al.

Klaubauf et al. (2014) introduced this genus and showed that it belongs to *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Pseudoascochyta Valenzuela-Lopez et al.

Crous et al. (2016a) introduced this coelomycetous genus and showed that it is a member of *Didymellaceae*.

Pseudoascotaiwania J. Yang et al.

Yang et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Fuscosporellaceae*.

Pseudoasteromassaria M. Matsum. & Kaz. Tanaka

Ariyawansa et al. (2016a) introduced this genus with coelomycetous asexual morph and phylogenetic analyses show it belongs to *Latoruaceae*.

Pseudocamarosporium Wijayaw. & K.D. Hyde

Wijayawardene et al. (2014c) introduced this coelomycete genus to accommodate five camarosporium-like taxa residing in *Didymosphaeriaceae*.

Pseudocatenomycopsis Crous & L.A. Shuttlew. Crous et al. (2013b) introduced this monotypic, hyphomycetous genus and compared it with *Catenomycopsis*. Based on mega blast searches, Crous et al. (2013b) mentioned it has close relationship with *Neofracchiacea*. Maharachchikumbura et al. (2015) listed *Pseudocatenomycopsis* under *Coronophorales*, genera *incertae sedis*.

Pseudocoleodictyospora Doilom & K.D. Hyde Doilom et al. (2017) introduced this hyphomycetous genus. Since it has distinct phylogenetic lineage in *Dothideomycetes*, *Pseudocoleodictyosporaceae* was introduced to accommodate the genus.

Pseudocoleophoma Kaz. Tanaka & K. Hiray.

Tanaka et al. (2015) introduced this genus with coelomycetous (coelophoma-like) asexual morph. Phylogenetic analyses showed that *Pseudocoleophoma* belongs in *Dictyosporiaceae*.

Pseudocosmospora C. Herrera & P. Chaverri

Herrera et al. (2013) introduced this genus with acremonium-like to verticillium-like asexual morphs. Further, Herrera et al. (2013b) showed that *Pseudocosmospora* belongs in *Nectriaceae* in their phylogenetic analyses.

Pseudocryptoclypeus A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2017) introduced this genus with a coelomycetous asexual morph. Phylogenetic analyses showed that it belongs in *Lophiotremataceae*.

Pseudodictyosporium Matsush.

Boonmee et al. (2016) showed that this genus belongs in *Dictyosporiaceae*.

Pseudodidymosphaeria Thambug. & K.D. Hyde

Thambugala et al. (2015a) introduced this genus with coelomycetous asexual morph.

Phylogenetic analyses showed that it belongs to *Massarinaceae*.

Pseudodinemasporium A. Hashim. & Kaz. Tanaka

Hashimoto et al. (2015) introduced this genus and showed that it belongs in *Chaetosphaeriaceae*.

Pseudodiplococcium Hern.-Restr. et al.

Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed it belongs in *Xenospadicoidaceae*.

Pseudohendersonia Crous & M.E. Palm

Wijayawardene et al. (2016) introduced a new species and showed that it belongs to *Didymellaceae*.

Pseudolachnella Teng

Li et al. (2016a) introduced *P. brevifusiformis* A. Hashim. & Kaz. Tanaka (coelomycetous) and showed that it belongs in *Chaetosphaeriaceae*.

Pseudomonodictys Doilom et al.

Ariyawansa et al. (2015a) introduced this hyphomycetous genus and showed that it belongs to *Macrodiplodiopsidaceae*.

Pseudopenidiella Crous & Koukol

Crous et al. (2012c) introduced this genus and showed it to be distinct from *Penidiella sensu stricto* in *Teratosphaeriaceae*.

Pseudoestalotiopsis Maharachch. et al. 2014

Maharachchikumbura et al. (2014) introduced this genus to accommodate several *Pestalotiopsis* species which did not cluster in *Pestalotiopsis sensu stricto*. This placement was confirmed by Wijayawardene et al. (2016).

Pseudophaeomoniella Nigro et al.

Crous et al. (2015d) introduced this genus and showed that it belongs in *Phaeomoniellales*, genera *incertae sedis*. However, Index Fungorum (2015) introduced *Phaeomoniellaceae* and placed this genus.

Pseudophialophora J. Luo & N. Zhang

Luo et al. (2015) introduced this genus and confirmed its placement in *Magnaporthaceae* in their phylogenetic analyses.

Pseudopithomyces Ariyaw. & K.D. Hyde

Ariyawansa et al. (2015a) introduced this hyphomycetous genus and showed that it belongs to *Didymosphaeriaceae*.

Pseudopyricularia Klaubauf et al.

Klaubauf et al. (2014) introduced this genus and showed that it belongs to *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Pseudoscopulariopsis M. Sandoval-Denis et al.

Sandoval-Denis et al. (2016) introduced this genus to accommodate *Scopulariopsis hibernica* and *Microascus schumacheri* which group outside of *Scopulariopsis sensu stricto* and *Microascus sensu stricto* respectively.

Pseudosplanchnonema Chethana et al.

Chethana et al. (2015) introduced this genus with a phoma-like asexual morph, and showed that it belongs to *Massarinaceae*.

Pseudosporidesmium K.D. Hyde & McKenzie

Su et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Xylariomycetidae* genera *incertae sedis*.

Pseudotrichia Kirschst.

Liu et al. (2015) introduced *P. rubriostiolata* Phookamsak & K.D. Hyde with a coelomycetous asexual morph and showed that it belongs to *Melanommataceae* in their phylogenetic analyses.

Pseudoveronaea Crous & Batzer

Li et al. (2012) introduced this hyphomycetous genus and showed it belongs in *Dissoconiaceae*. Wijayawardene et al. (2014) also listed *Pseudoveronaea* in *Dissoconiaceae*.

Pseudoxylomyces Kaz. Tanaka & K. Hiray.

Tanaka et al. (2015) introduced this hyphomycetous genus and phylogenetic analyses showed that it belongs to *Massrineae*, genera *incertae sedis*.

Purplepithecium Jayasiri & K.D. Hyde

Jayasiri et al. (2017) introduced this genus with hyphomycetous asexual morphs. In DNA sequences analyses, the genus resides in *Gloniaceae*.

Pustulomyces D.Q. Dai et al.

Notes: Dai et al. (2014c) introduced this bambusicolous coelomycetous genus and showed that it belongs in *Diaporthaceae*.

Pyrenopeziza Fuckel

Johnston et al. (2014) proposed to adopt sexual typified name *Pyrenopeziza* over *Cylindrosporium* Grev.

Queenslandipenidiella Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this hyphomycetous genus and in their phylogenetic analyses, showed it resides in *Teratosphaeriaceae* (Quaedvlieg et al. 2014).

Querciphoma Crous

Crous & Groenewald (2017) introduced this coelomycetous genus and showed that it belongs in *Leptosphaeriaceae*.

Ramimonilia B. Stielow. & Quaedvl.

Egidi et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Capnodiales*, genera *incertae sedis*.

Ramopenidiella Crous & R.G. Shivas

Crous et al. (2014c) introduced this genus and listed it under *Teratosphaeriaceae*. Wijayawardene et al. (2014) accepted this familial placement.

Readeriellipsis Crous & Decock

Crous et al. (2015d) introduced this coelomycetous genus and showed that it belongs to *Capnodiaceae*. However, Wijayawardene et al. (2016) showed that it belongs to *Capnodiales*, genera *incertae sedis*.

Rectifusarium L. Lombard

Lombard et al. (2015) introduced this genus with hyphomycetous asexual morph. Molecular phylogenetic analyses confirmed its placement in *Nectriaceae*.

Rhabdostromina Died.

Punithalingam & Spooner (2011) reinstated the genus and treated *Dendroseptoria* Alcalde as a synonym.

Rhytidhysterion Speg.

Doilom et al. (2016) introduced *Rhytidhysterion tectonae* Doilom & K.D. Hyde and showed that it belongs in *Hysteriaceae*.

Roussoella Sacc.

Liu et al. (2014), Dai et al. (2016) and Wijayawardene et al. (2016) accepted that this genus has coelomycetous asexual morphs (cytoplea-like).

Roussoellopsis I. Hino & Katum.

Liu et al. (2014) accepted that this genus belongs in *Roussoellaceae* and showed melanconium-like asexual morphs.

Rupestriomyces Lei Su et al.

Su et al. (2015) introduced this genus and phylogenetic analyses showed that it belongs to *Dothideomycetes*, genera *incertae sedis*.

Ruptoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus which has septoria-like conidia. In phylogenetic analyses, it groups in *Mycosphaerellaceae* but is distinct to *Septoria sensu stricto* and *Polyphialoseptoria*.

Rutola J.L. Crane & Schokn.

Crous et al. (2015a) showed that this genus belongs in *Pleosporales*, genera *incertae sedis*. They also designated an epitype for the type species.

Sabahriopsis Crous & M.J. Wingf.

Crous et al. (2015d) introduced this genus and listed it in *Helotiales*, genera *incertae sedis*.

Sacchettoecium Fr.

Li et al. (2016a) introduced *S. rubi* Jayasiri et al. with an asexual morph which has sporodochial to acervular conidiomata.

Sakireeta Subram. & K. Ramakr.

Crous et al. (2015b) showed that this genus belongs to *Botryosphaeriaceae* and has a distinct phylogenetic lineage to *Tiarospora*.

Sardiniella Linaldeddu et al.

Linaldeddu et al. (2016) introduced this coelomycetous genus and phylogenetic analyses confirmed its placement in *Botryosphaeriaceae*.

Sativumoides S.C. Ren et al.

Ren et al. (2012) introduced this monotypic, hyphomycetous genus, but sequence data is unavailable. Hence, taxonomic placement is uncertain.

Saxomyces L. Selbmann & D. Isola

Selbmann et al. (2014) introduced this genus but it was invalidly published (Art. 40.1) thus Wijayawardene et al. (2017) validated the genus.

Saxophila Selbmann & de Hoog

Isola et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Extremaceae*.

Scleropezicula Verkley

Johnston et al. (2014) proposed to adopt sexual typified name *Scleropezicula* over *Cryptosymphodula* Verkley

Scolecobeltrania Iturr. et al.

Iturriaga et al. (2013) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable, thus taxonomic placement is uncertain and it is presently accommodated in *Ascomycota*, genera *incertae sedis*.

Seifertia Partr. & Morgan-Jones

Li et al. (2016b) introduced *S. shangrilaensis* and showed it belongs in *Melanommataceae*.

Seimatosporium Corda

Perera et al. (2016) introduced sexual morph of *S. cornii*.

Septoriella Oudem.

Crous et al. (2015a) reduced *Wojnowicia* under *Septoriella* as latter name is the oldest name.

Septorioides Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus which has septoria-like conidia, and in their phylogenetic analyses showed that *Septorioides* belongs in *Botryosphaeriaceae*. However, Wyka and Broders (2016) showed that *Septorioides* has distinct phylogenetic lineage in *Botryosphaeriales* thus introduced *Septorioideaceae*.

Seriascoma Phookamsak et al.

Dai et al. (2016) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that this genus belongs to *Occultibambusaceae*.

Setophaeosphaeria Crous & Y. Zhang ter

Crous et al. (2014c) introduced this genus with a coelomycetous asexual morph and listed it under *Phaeosphaeriaceae*. However, Phookamsak et al. (2014) showed that *Setophaeosphaeria* grouped outside *Phaeosphaeriaceae* thus, threatened the genus in *Pleosporales*, genera *incertae sedis*.

Setoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus and showed it belongs in *Lentitheciaceae*. Wijayawardene et al. (2014) also agreed with this familial placement.

Sheathnema Dubey & Moonambeth

Dubey & Moonambeth (2014) introduced this genus. DNA sequence data unavailable, thus placed in *Ascomycota*, genera *incertae sedis*.

Shrungabeeja V.G. Rao & K.A. Reddy

Ariyawansa et al. (2015a) introduced *S. longiappendiculata* Sommai et al. and showed that it belongs in *Tetraplosphaeriaceae*.

Sigleria Hirooka et al.

Hirooka et al. (2016) introduced this hyphomycetous genus and showed that it belongs to *Spiromastigaceae* in their phylogenetic analyses.

Simmonsella J.L. Crane & A.N. Mill.

Crane & Miller (2016) introduced this genus and compared it with other torula-like hyphomycetous genera. DNA sequence data

are unavailable thus, taxonomic placement is uncertain.

Sirastachys L. Lombard & Crous

Lombard et al. (2016) introduced this genus and showed that it belongs in *Stachybotryaceae*.

Slopeiomyces Klaubauf et al.

Klaubauf et al. (2014) introduced this genus with a hyphomycetous asexual morph and showed that it belongs in *Magnaporthaceae*, *Magnaporthales* in their phylogenetic analyses.

Smaragdiniseta L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Sodiomyces Grum-Grzhimaylo et al.

Grum-Grzhimaylo et al. (2013) introduced this genus with hyphomycetous asexual morph.

Soloacrosporiella Crous & M.J. Wingf.

Crous et al. (2015d) introduced this monotypic genus and listed it under *Dothideomycetes*, genera *incertae sedis*.

Soosiella Hujšlová & M. Kolařík

Hujšlová et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Helotiales*.

Sparticola Phukhams. et al.

Phukhamsakda et al. (2016a) introduced this genus with hyphomycetous asexual morph and showed that it belongs to *Sporormiaceae*.

Spissiomyces Lei Su et al.

Su et al. (2015) introduced this genus and phylogenetic analyses showed that it belongs to *Dothideomycetes*, genera *incertae sedis*.

Sporidesmioides Li et al.

Li et al. (2016c) introduced this hyphomycetous genus and showed that it belongs in *Torulaceae*

Sporidesmium Link

Zhang et al. (2017) reported the sexual morph of *Sporidesmium* and introduced *S. thailandense* W. Dong et al.

Stagonosporopsis Died.

Hyde et al. (2016) introduced *S. centaureae* Tennakoon et al. (sexual morph) which groups in *Stagonosporopsis* s. str.

Staurospheeria Rabenh.

Wanasinghe et al. (2017) showed that this genus belongs in *Coniothyriaceae* and treated *Hazslinszkyomyces* Crous & R.K. Schumach. as a synonym (Crous & Groenewald 2017).

Stigmatodiscus Voglmayr & Jaklitsch

Voglmayr et al. (2016) introduced this genus with coelomycetous asexual morph.

Strelitziana Arzanlou & Crous

Crous et al. (2015e) introduced the new family, *Strelitzianaceae* Crous & M.J. Wingf. to place this genus.

Striatibotrys L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Striaticonidium L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Stromatoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this coelomycetous genus and showed that it groups in *Mycosphaerellaceae*. However, *Stromatoseptoria* is distinct from *Septoria sensu stricto* and *Polyphialoseptoria* which also resides in the same family.

Subplenodomus Gruyter et al.

de Gruyter et al. (2012) introduced this coelomycetous genus and transferred four *Phoma* species (*P. apiicola*, *P. drobnjakensis*, *P. valerianae* and *P. violicola*) to new genus. Ariyawansa et al. (2015b) also accepted the placement of *Subplenodomus* in *Leptosphaeriaceae*.

Sulcatispora Kaz. Tanaka & K. Hiray.
Tanaka et al. (2015) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs to *Sulcatisporaceae*.

Superstratomyces van Nieuwenhuijzen et al.
van Nieuwenhuijzen et al. (2016) introduced this coelomycetous genus. In their phylogenetic analyses, van Nieuwenhuijzen et al. (2016) showed that the genus formed a distinct lineage and thus was introduced in *Superstratomyces* and *Superstratomyces*-*ceae* in *Dothideomycetes*.

Suttonomyces Wijayaw. et al.
Wijayawardene et al. (2015) introduced this genus with two species and showed it belongs to *Massarinaceae*. This placement was confirmed by Wijayawardene et al. (2016).

Sympodiosynnema J.W. Xia & X.G. Zhang
Xia et al. (2016) introduced this hyphomycetous genus. DNA sequences lack thus taxonomic placement is uncertain.

Syncarpella Theiss. & Syd.
Wijayawardene et al. (2017) treated *Syntholus* A.W. Ramaley & M.E. Barr as synonym of *Syncarpella*.

Tamaricicola Thambug. et al.
Thambugala et al. (2016) introduced this genus with coelomycetous asexual morph. Phylogenetic analyses showed that it belongs to *Pleosporaceae*.

Tamhinispora K.C. Rajeshk. & Rahul Sharma
Rajeshkumar & Sharma (2013) introduced this monotypic, hyphomycetous genus and showed it belongs to *Tubeufiaceae* in their phylogenetic analyses. Boonmee et al. (2014) also agreed with this familial placement.

Tangerinosporium L. Lombard & Crous
Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Tenuiappendicula Senan. et al.

Senanayake et al. (2017) introduced this genus with a coelomycetous asexual morph and showed it belongs in *Sydowiellaceae*.

Teratoramularia Videira et al.
Videira et al. (2016) introduced this hyphomycetous genus. Phylogenetic analyses showed that it belongs in *Teratosphaeriaceae*.

Thailandiomyces Pinruan et al.
Suetrong et al. (2015) stated that *Thailandiomyces bisetulosus* Pinruan et al. (the type species of *Thailandiomyces*) has *Craspedodidymum licualae* asexual morph.

Thermothelomyces Y. Marín et al.
Marin-Felix et al. (2015) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that *Thermothelomyces* belongs in *Chaetomiaceae*.

Ticosynnema R.F. Castañeda et al.
Castañeda-Ruiz et al. (2012a) introduced this monotypic, hyphomycetous genus, but sequence data is unavailable. Hence, the genus was listed under *Ascomycota*, genera *incertae sedis*.

Tirisporella E.B.G. Jones et al.
Suetrong et al. (2015) stated that *T. beccariana* (Ces.) E.B.G. Jones et al. (the type species of *Tirisporella*) has *Phialophora cf. olivaceae* asexual morph.

Torulaceae Corda
Li et al. (2017b) revisited the family and introduced several new species of *Torula* based on morpho-molecular analyses.

Towyspora Wanas. et al.
Li et al (2016a) introduced this genus with coelomycetous asexual morph and phylogenetic analyses showed that it belongs to *Lentitheciaceae*.

Trematosphaeria Fuckel
Kirk et al. (2008) reported zalerion-like asexual morphs and Hyde et al. (2013) reported hyphopodia-like structures from the cultures of this genus.

Tretolylea Cantillo et al.
Cantillo-Pérez et al. (2016) introduced this hyphomycetous genus.

Triadelphina Shearer & J.L. Crane
Crous et al. (2015d) introduced a new species, *T. disseminata* Madrid & J. Edathodu and showed that it belongs to *Microascales*, genera *incertae sedis*.

Trimmatostroma Corda
Ekanayake et al. (2017) treated this genus belongs in *Mollisiaceae*.

Trinosporium Crous & Decock
Crous et al. (2012c) introduced this coelomycetous genus and mega blast results showed that it belongs in *Xylonomycetaceae*.

Tristratiperidium Daranagama et al.
Daranagama et al. (2016) introduced this genus with hyphomycetous asexual morph.

Tubakia B. Sutton
Senanayake et al. (2017b) accepted the genus as a member in *Melanconiellaceae*.

Tubeufia Penz. & Sacc.
Hyde et al. (2016) introduced *T. hyalospora* Y.Z. Lu et al. with a hyphomycetous asexual morph. Lu et al. (2017a) also introduced three *Tubeufia* species with hyphomycetous asexual morphs

Tubeufiales Boonmee & K.D. Hyde
Boonmee et al. (2014) revised the family *Tubeufiaceae* and introduced *Tubeufiales*. Further the family was revisited.

Tylophoron Nyl. ex Stizenb. (= *Blarneya* D. Hawksw et al.)
Ertz et al. (2011) synonymised the asexual typified name *Blarneya* under the sexual typified name *Tylophoron*, based on phylogenetic analyses.

Uleothyrium Petr.
Hongsanant et al. (2014) treated *Septothyrella* Höhn. as a synonym of this genus.

Umthunziomyces Crous & M.J. Wingf.

Crous et al. (2016a) introduced this coelomycetous genus and confirmed its placement in *Planistromellaceae*.

Uwemyces Hern.-Restr. et al.
Notes: Crous et al. (2016b) introduced this hyphomycetous genus and accepted it as a genus in *Mycosphaerellaceae*.

Valsaria Ces. & De Not.
Jaklitsch et al. (2015) accepted this with coelomycetous asexual morphs. Further, Jaklitsch et al. (2015) showed that *Valsaria* has distinct phylogenetic placement in *Dothideomycetes*. Hence, *Valsariaceae*, *Valsariales* were introduced.

Vamsapriya Gawas & Bhat
Dai et al. (2014a) introduced *V. bambusicola* D.Q. Dai et al. and *V. khunkonensis* D.Q. Dai et al. and showed that these species reside in *Xylariaceae*.

Varicosporella Lechat & J. Fourn.
Lechat & Fournier (2015) introduced this genus with fusarium-like asexual morph and phylogenetic analyses showed that it belongs in *Nectriaceae*.

Verkleyomyces Y. Marín & Crous
Marin-Felix et al. (2016) introduced this genus with coelomycetous asexual morph. The genus accommodated in *Dermateaceae* in their phylogenetic analyses.

Vermiconia Egidi & Onofri
Egidi et al. (2014) introduced this hyphomycetous genus and showed it belongs in *Teratosphaeriaceae sensu lato*. In the phylogenetic analyses of Quaedvlieg et al. (2014) *Vermiconia* resided in *Extremaceae*.

Verrucoconiothyrium Crous
Crous et al. (2015c) introduced this coelomycetous genus and showed it belongs to *Didymosphaeriaceae*. This familial placement was confirmed by Wijayawardene et al. (2016).

Verruconis Samerp. et al.
Samerpitak et al. (2014) introduced *Verruconis* with placement in *Sympoventuriaceae*.

Vikalpa D'souza et al.

Boonmee et al. (2016) introduced this hyphomycetous genus and showed that it belongs in *Dictyosporiaceae*

Vrystaatia Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this monotypic, coelomycetous genus and their phylogenetic analyses showed that it groups in *Phaeosphaeriaceae*. Phookamsak et al. (2014) agreed with this familial placement.

Wiesneriomyces Koord.

See under *Wiesneriomycetaceae*.

Wiesneriomycetaceae Suetrong et al.

Suetrong et al. (2014) showed that it has distinct phylogenetic lineage in *Pleosporales*, thus introduced new family *Wiesneriomycetaceae*. Index Fungorum (2017) listed *Wiesneriomycetaceae* as an invalid family thus Wijayawardene et al. (2017) validate it with relevant corrections.

Wojnowiciella Crous et al.

Crous et al. (2015d) introduced this genus and showed that it belongs to *Phaeosphaeriaceae*. Wijayawardene et al. (2016) agreed with this placement.

Woswasia Jaklitsch et al.

Jaklitsch et al. (2013) introduced this genus with hyphomycetous asexual morphs. Zhang et al. (2017) introduced *Woswasiaceae* to accommodate this genus.

Xenoacremonium L. Lombard & Crous

Lombard et al. (2015) introduced this genus with hyphomycetous asexual morph and phylogenetic analyses showed that it belongs in *Nectriaceae*.

Xenocamarosporium Crous & M.J. Wingf.

Crous et al. (2015d) introduced this coelomycetous genus and showed it belongs to *Didymosphaeriaceae*. Wijayawardene et al. (2016) accepted this familial placement.

Xenodidymella Q. Chen & L. Cai

Chen et al. (2015) introduced this genus with a coelomycetous asexual morph and DNA sequence analyses showed that it belongs in *Didymellaceae*.

Xenoleptographium Marinc. et al.

Crous et al. (2015e) introduced this genus and showed that it belongs to *Nectriaceae* in their phylogenetic analyses.

Xenomyrothecium L. Lombard & Crous

Lombard et al. (2016) introduced this genus with hyphomycetous asexual morph and showed that it belongs in *Stachybotryaceae*.

Xenopenidiella Quaedvl. & Crous

Quaedvlieg et al. (2014) introduced this hyphomycetous genus. In their phylogenetic analyses, *Xenopenidiella* resided in *Teratosphaeriaceae* (Quaedvlieg et al. 2014).

Xenopyricularia Klaubauf et al.

Klaubauf et al. (2014) introduced this hyphomycetous genus and showed that it belongs in *Pyriculariaceae*, *Magnaporthales* in their phylogenetic analyses.

Xenoramularia Videira et al.

Videira et al. (2016) introduced this hyphomycetous genus and in phylogenetic analyses, they showed that it belongs in *Mycosphaerellaceae*

Xenoseptoria Quaedvl. et al.

Quaedvlieg et al. (2013) introduced this monotypic, coelomycetous genus and showed that it groups in *Phaeosphaeriaceae*. Phookamsak et al. (2014) agreed with this familial placement.

Xenosonderhenia Crous

Crous et al. (2012c) introduced this coelomycetous genus and showed that it belongs in *Capnodiales*, genera *incertae sedis*.

Xenospadicoides Hern.-Restr. et al.

Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed it has distinct phylogenetic lineage in *Sordariomycetes*. Thus, *Xenospadicoidales* and *Xenospadicoidaceae* were introduced.

Xenostigmina Crous

Phookamsak et al. (2014) showed *Xenostigmina* belongs to *Melanommataceae* in their molecular phylogenetic analyses. Crous et

al. (2013a) designated the epitype and ex-epitype culture.

Xerombrophila Baral

Baral et al. (2013) introduced this genus with hyphomycetous asexual morph. DNA sequence analyses showed that it belongs to *Helotiaceae*.

Xiuguozhangia K. Zhang et al.

Zhang et al. (2014) introduced this genus to accommodate five *Piricaudiopsis* species, but characterized by holoblastic conidial ontogeny. Sequence data is unavailable thus, taxonomic placement is uncertain.

Xyladictyochaeta Hern.-Restr. et al.

Hernández-Restrepo et al. (2017) introduced this hyphomycetous genus and showed that it belongs in *Xylariales* in their phylogenetic analyses.

Xylochrysis Réblová et al. Réblová et al. (2014) introduced this genus with hyphomycetous asexual morph. Zhang et al. (2017) placed the genus in *Woswasiaceae* based on their phylogenetic analyses.

Ypsilomyces D.A.C. Almeida & Gusmão

Almeida & Gusmão (2014) introduced this hyphomycetous genus, but it lacks sequence data. Hence, taxonomic placement is uncertain.

Zeloasperisporium R.F. Castañeda

Crous et al. (2015e) introduced two species and showed that both reside in *Zeloasperisporiaceae*. Hongsanan et al. (2015) introduced new order to place *Zeloasperisporiaceae*.

Zelodactylaria A.C. Cruz et al.

Da Cruz et al. (2012) introduced this monotypic, hyphomycetous genus. Sequence data are unavailable; thus, the taxonomic placement is uncertain.

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