



Outline of Ascomycota: 2017

Nalin N. Wijayawardene¹ · Kevin D. Hyde^{1,5} · H. Thorsten Lumbsch² ·
Jian Kui Liu^{1,3} · Sajeewa S. N. Maharachchikumbura⁴ · Anusha H. Ekanayaka⁵ ·
Qing Tian⁵ · Rungtiwa Phookamsak¹

Received: 21 October 2017 / Accepted: 8 January 2018 / Published online: 29 January 2018
© School of Science 2018

Abstract

Taxonomic placement of genera have been changing rapidly as taxonomists widely use DNA sequence data in phylogenetic and evolutionary studies. It is essential to update existing databases/outlines based on recent studies, since these sources are widely used as a foundation for other research. In this outline, we merge both asexual and sexual genera into one outline. The phylum Ascomycota comprises of three subphyla *viz.* *Pezizomycotina* (including 13 classes, 124 orders and 507 families), *Saccharomycotina* (including one class, one order and 13 families) and *Taphrinomycotina* (five classes, five orders and six families). Approximately, 6600 genera have been listed under different taxonomic ranks including auxiliary (intermediate) taxonomic ranks.

Keywords Asexual genera · Classification · Sexual genera · Systematic · Taxonomic ranks

Introduction

The Kingdom *Fungi* contains a huge number of species, which continues to rise with more collections. Our current fungal classification system has been subjected to various updates over the years, following the discovery of many novel species and inclusion of DNA sequence data to provide a more natural system of classification that reflects evolutionary relationships. Lumbsch and Huhndorf (2010)

provided an outline with three subphyla (*viz.* *Pezizomycotina* with eleven classes; *Saccharomycotina* with one class and *Taphrinomycotina* with four classes). There have been major developments in fungal taxonomy over the last few years with many additions leading to subsequent classification changes (Liu et al. 2015; Senanayake et al. 2015; Li et al. 2016; Wijayawardene et al. 2016; Hyde et al. 2017a, b). Hence, it is essential to update our current classification to inadvertently avoid confusion and provide a platform where mycologists can use a standard system to assign taxa to appropriate ranks. There is also a need to integrate asexual species into our current classification. Kendrick (1979, 1989) advocated the incorporation of asexual genera in a natural classification system, but this was given little attention. However, with the concept of *One fungus- One name*, which deals with the inconsistencies of the dual nomenclatural system pertaining to pleomorphic fungi, this has changed (Hawksworth 2012). Hyde et al. (2011) compiled a number of asexual morph names into an outline with a view to providing a stable and reliable system to integrate asexual names in our classification and avoid nomenclatural bias. It is also very important to update our current classification system as several nomenclatural changes have been proposed since 2011 (Art. 59). DNA based sequence analyses have also

✉ Rungtiwa Phookamsak
jomjam.rp2@gmail.com

¹ Key Laboratory for Plant Diversity and Biogeography of East Asia, Kunming Institute of Botany, Chinese Academy of Science, Kunming 650201, Yunnan, People's Republic of China

² Science & Education, The Field Museum, 1400 S. Lake Shore Drive, Chicago, IL 60605, USA

³ Guizhou Institute of Biotechnology, Guizhou Academy of Agricultural Sciences, Guiyang 550006, People's Republic of China

⁴ Department of Crop Sciences, College of Agricultural and Marine Sciences, Sultan Qaboos University, PO Box 34, 123 Alkhouf, Oman

⁵ Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai 57100, Thailand

provided huge insights and changes into the taxonomy of the *Ascomycota*, especially at a higher hierarchical level.

In this paper, we provide an update of the outline published by Lumbsch and Huhndorf (2010) by integrating sexual and asexual genera wherever possible, taking into account recent papers dealing with taxonomic changes (e.g. Hyde et al. (2011); Wijayawardene et al. (2012, 2017a, b) and recently published articles where changes in classification have been proposed. This outline is not exhaustive, but does make an attempt to depict the latest taxonomic changes. In this outline, three subphyla *Pezizomycotina* (including 13 classes viz. *Arthoniomycetes*, *Coniocybomycetes*, *Dothideomycetes*, *Eurotiomycetes*, *Geoglossomycetes*, *Laboulbeniomycetes*, *Lecanoromycetes*, *Leotiomycetes*, *Lichinomycetes*, *Orbiliomycetes*, *Pezizomycetes*, *Sordariomycetes* and *Xylonomycetes*), *Saccharomycotina* (including one class, viz. *Saccharomycetes*) and *Taphrinomycotina* (including five classes, viz. *Archaeorhizomycetes*, *Neoelectromycetes*, *Pneumocystidomycetes*, *Schizosaccharomycetes* and *Taphrinomycetes*) are included and a summary of other taxonomic ranks are summarized in Table 1.

Materials and methods

We used Lumbsch and Huhndorf (2010), Hyde et al. (2011), Wijayawardene et al. (2012, 2017a, b) and Jaklitsch et al. (2016a) to compile both asexual and sexual genera (and other higher taxonomic ranks) into a single outline. However, we do not list the suppressed names (Art. 59.1) since all the synonyms (or suppressed names of pleomorphic genera) are listed in Wijayawardene et al. (2017a). Nevertheless, several new synonymized lichen genera which are not listed in Wijayawardene et al. (2017a) are included within brackets after the accepted name. Several genera which were not listed in Wijayawardene et al. (2017a) are added and details of these genera will be provided in a future publication. Notes are provided only for recently introduced genera (mark with an asterisk in the outline).

Results

Outline of Ascomycota

Phylum ASCOMYCOTA Caval.-Sm.

Subphylum PEZIZOMYCOTINA O.E. Erikss. & Winka

Class Arthoniomycetes O.E. Erikss. & Winka

Arthoniales Henssen ex D. Hawksw. & O.E. Erikss.

Andreiomycetaceae B.P. Hodk. & Lendemer

Andreiomyces B.P. Hodk. & Lendemer

Arthoniaceae Reichenb. ex Reichenb.

Amazonomyces Bat.

Arthonia Ach.

Arthothelium A. Massal.

Coniangium Fr.

Coniarthonia Grube

Coniocarpon DC.

Crypthonia Frisch & G. Thor

Cryptophaea Van den Broeck & Ertz

Cryptothecia Stirt.

Eremothecella Syd. & P. Syd.

Glomerulophoron Frisch et al.

Herpothallon Tobler

Inoderma (Ach.) Gray

Leprantha Dufour ex Korb.

Myriostigma Kremp.

Pachnolepia A. Massal.

Paradoxomyces Matzer

Reichlingia Diederich & Scheid.

Sporodophoron Frisch

Stirtonia A.L. Sm.

Tylophoron Nyl. ex Stizenb.

Chrysotrichaceae Zahlbr.

Chrysothrix Mont.

Melarthonis Frisch & G. Thor

Lecanographaceae Ertz et al.

Alyxoria Ach.

Heterocyphelium Vain.

Lecanographa Egea & Torrente

Phacographa Hafellner

Phacothecium Trevis.

Plectocarpon Fee

Zwackhia Korb.

Opegraphaceae Korb. ex Stizenb.

Combea De Not.

Cresponea Egea & Torrente

Dictyographa Müll. Arg.

Dolichocarpus R. Sant.

Fouragea Trevis.

Ingaderia Darb.

Llimonaea Egea & Torrente

Nyungwea Serus. et al.

Opegrapha Ach. (= *Kalaallia* Alstrup & D. Hawksw.)*

Paraingaderia Ertz & Tehler

Paraschismatomma Ertz & Tehler

Pentagenella Darb.

Schizopelte Th. Fr.

Sclerophyton Eschw.

Sparria Ertz & Tehler

Roccellaceae Chevall.

Ancistrosporella G. Thor

Table 1 Classes, orders and families of *Ascomycota*

Class	Order ^a	Family ^a
<i>Archaeorhizomycetes</i>	<i>Archaeorhizomycetales</i>	<i>Archaeorhizomycetaceae</i> (1)
<i>Arthoniomycetes</i>	<i>Arthoniales</i>	<i>Andreiomycetaceae</i> (1) <i>Arthoniaceae</i> (21) <i>Chrysotrichaceae</i> (2) <i>Lecanographaceae</i> (7) <i>Opegraphaceae</i> (15) <i>Roccellaceae</i> (40) <i>Roccellographaceae</i> (3) <i>Phaeococcomycetaceae</i> (3)
<i>Coniocybomycetes</i>	<i>Lichenostigmatales</i>	<i>Coniocybaceae</i> (2)
<i>Dothideomycetes</i>	<i>Coniocybales</i>	<i>Abrothallaceae</i> (1)
	<i>Abrothallales</i>	<i>Acrospermaceae</i> (3)
	<i>Acrospermales</i>	<i>Asterinaceae</i> (21)
	<i>Asterinales</i>	<i>Asterotexaceae</i> (1)
	<i>Botryosphaerales</i>	<i>Aplosporellaceae</i> (3) <i>Botryosphaeriaceae</i> (28) <i>Endomelanconiopsisaceae</i> (1) <i>Melanopsaceae</i> (1) <i>Phyllostictaceae</i> (2) <i>Planistromellaceae</i> (3) <i>Pseudofusicoccumaceae</i> (1) <i>Saccharataceae</i> (2) <i>Septorioideaceae</i> (1) <i>Antennulariellaceae</i> (3) <i>Capnodiaceae</i> (7) <i>Cladosporiaceae</i> (8) <i>Cystocoleaceae</i> (1) <i>Dissoconiaceae</i> (4) <i>Euantennariaceae</i> (7) <i>Extremaceae</i> (6) <i>Metacapnodiaceae</i> (3) <i>Mycosphaerellaceae</i> (129) <i>Neodevriesiaceae</i> (2) <i>Phaeothecoidiellaceae</i> (5) <i>Piedraiaceae</i> (1) <i>Racodiaceae</i> (1) <i>Schizothyriaceae</i> (9) <i>Teratosphaeriaceae</i> (59)
	<i>Capnodiales</i>	<i>Catinellaceae</i> (1) <i>Xanthopyreniaceae</i> (3) <i>Dothideaceae</i> (18) <i>Sacotheciaceae</i> (7) <i>Zalariaceae</i> (1) <i>Pleurotremataceae</i> (3) <i>Melaspileaceae</i> (4) <i>Hysteriaceae</i> (14) <i>Aliquandostipitaceae</i> (6) <i>Manglicolaceae</i> (1)
	<i>Catinellales</i>	
	<i>Collemopsidiales</i>	
	<i>Dothideales</i>	
	<i>Dyfrolomycetales</i>	
	<i>Eremithallales</i>	
	<i>Hysteriales</i>	
	<i>Jahnulales</i>	

Table 1 (continued)

Class	Order ^a	Family ^a
	<i>Kirschsteiniotheliales</i>	<i>Kirschsteiniotiaceae</i> (1)
	<i>Lichenoconiales</i>	<i>Lichenoconiaceae</i> (1)
	<i>Lichenotheliales</i>	<i>Lichenotheliaceae</i> (1)
	<i>Microthyriales</i>	<i>Microthyriaceae</i> (9)
	<i>Minutisphaerales</i>	<i>Minutisphaeraceae</i> (1)
	<i>Monoblastiales</i>	<i>Monoblastiaceae</i> (6)
	<i>Muyocoprionales</i>	<i>Muyocoproneae</i> (1)
	<i>Myriangiales</i>	<i>Elsinoaceae</i> (2)
		<i>Myriangiaceae</i> (11)
	<i>Mytilinidiales</i>	<i>Gloniaceae</i> (3)
		<i>Mytilinidiaceae</i> (10)
	<i>Natipusillales</i>	<i>Natipusillaceae</i> (1)
	<i>Patellariales</i>	<i>Patellariaceae</i> (21)
	<i>Phaeotrichales</i>	<i>Phaeotrichaceae</i> (3)
	<i>Pleosporales</i>	<i>Acrocallymmaceae</i> (1)
		<i>Aigialaceae</i> (5)
		<i>Amniculicolaceae</i> (5)
		<i>Amorosiaceae</i> (2)
		<i>Anteagloniaceae</i> (2)
		<i>Aquasubmersaceae</i> (1)
		<i>Arthopyreniaceae</i> (2)
		<i>Ascocylindricaceae</i> (1)
		<i>Astrosphaeriellaceae</i> (5)
		<i>Bambusicolaceae</i> (2)
		<i>Biatriosporaceae</i> (1)
		<i>Camarosporiaceae</i> (2)
		<i>Camarosporidiellaceae</i> (1)
		<i>Caryosporaceae</i> (1)
		<i>Coniothyriaceae</i> (4)
		<i>Corynesporascaceae</i> (1)
		<i>Cryptocoryneaceae</i> (1)
		<i>Cucurbitariaceae</i> (10)
		<i>Cyclothyriellaceae</i> (2)
		<i>Dacampiaceae</i> (6)
		<i>Delitschiaceae</i> (3)
		<i>Diademaceae</i> (2)
		<i>Dictyosporiaceae</i> (12)
		<i>Didymellaceae</i> (27)
		<i>Didymosphaeriaceae</i> (26)
		<i>Dothidothiaceae</i> (3)
		<i>Fuscostagonosporaceae</i> (1)
		<i>Halojulellaceae</i> (1)
		<i>Halothiaceae</i> (7)
		<i>Hermatomycetaceae</i> (1)
		<i>Hypsostromataceae</i> (1)
		<i>Latoruaceae</i> (3)
		<i>Lentitheciaceae</i> (11)
		<i>Leptosphaeriaceae</i> (10)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Libertasomycetaceae</i> (2)
		<i>Ligninsphaeriaceae</i> (1)
		<i>Lindgomycetaceae</i> (6)
		<i>Longipedicellataceae</i> (2)
		<i>Lophiostomataceae</i> (18)
		<i>Lophiotremataceae</i> (6)
		<i>Macrodiplodiopsidaceae</i> (2)
		<i>Massariaceae</i> (2)
		<i>Massarinaceae</i> (9)
		<i>Melanommataceae</i> (24)
		<i>Microsphaeropsidaceae</i> (1)
		<i>Morosphaeriaceae</i> (4)
		<i>Mycoporaceae</i> (1)
		<i>Neocamarosporiaceae</i> (2)
		<i>Neohendersoniaceae</i> (1)
		<i>Neophaeosphaeriaceae</i> (1)
		<i>Nigrogranaceae</i> (1)
		<i>Occultibambusaceae</i> (4)
		<i>Ohleriaceae</i> (1)
		<i>Parabambusicolaceae</i> (5)
		<i>Paradictyoarthriniaceae</i> (1)
		<i>Periconiaceae</i> (1)
		<i>Phaeosphaeriaceae</i> (52)
		<i>Pleomassariaceae</i> (7)
		<i>Pleomonodictydaceae</i> (1)
		<i>Pleosporaceae</i> (16)
		<i>Pseudoastrophaeriellaceae</i> (2)
		<i>Pseudocoleodictyosporaceae</i> (2)
		<i>Roussoellaceae</i> (7)
		<i>Salsugineaceae</i> (2)
		<i>Shiraiaceae</i> (2)
		<i>Sporormiaceae</i> (6)
		<i>Sulcatisoraceae</i> (2)
		<i>Teichosporaceae</i> (12)
		<i>Testudinaceae</i> (7)
		<i>Tetraplophaeriaceae</i> (5)
		<i>Thyridariaceae</i> (2)
		<i>Torulaceae</i> (4)
		<i>Trematosphaeriaceae</i> (6)
		<i>Wicklowiaceae</i> (1)
		<i>Zopfiaceae</i> (6)
	<i>Stigmatodisciales</i>	<i>Stigmatodiscaceae</i> (2)
	<i>Strigulales</i>	<i>Strigulaceae</i> (5)
	<i>Superstratomyceales</i>	<i>Superstratomycetaceae</i> (1)
	<i>Trypetheliales</i>	<i>Polycoccaceae</i> (2)
		<i>Trypetheliaceae</i> (17)
	<i>Tubeufiales</i>	<i>Bezerromycetaceae</i> (1)
		<i>Tubeufiaceae</i> (25)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Wiesneriomycetaceae</i> (3)
	<i>Valsariales</i>	<i>Valsariaceae</i> (2)
	<i>Venturiales</i>	<i>Sympoventuriaceae</i> (2)
		<i>Venturiaceae</i> (12)
	<i>Zeloasperisporiales</i>	<i>Zeloasperisporiaceae</i> (1)
	<i>incertae sedis^a</i>	<i>Alinaceae</i> (1)
		<i>Argynmaceae</i> (2)
		<i>Ascoporiaceae</i> (1)
		<i>Aulographaceae</i> (3)
		<i>Balladynaceae</i> (3)
		<i>Cleistosphaeraceae</i> (1)
		<i>Coccoideaceae</i> (2)
		<i>Cookellaceae</i> (2)
		<i>Dimeriaceae</i> (1)
		<i>Dysrhynchisceae</i> (1)
		<i>Englerulaceae</i> (7)
		<i>Eremomycetaceae</i> (2)
		<i>Homortomycetaceae</i> (1)
		<i>Hyalomeliolinaceae</i> (1)
		<i>Leptopeltidaceae</i> (6)
		<i>Lizoniaceae</i> (1)
		<i>Meliolinaceae</i> (1)
		<i>Mesnieraceae</i> (3)
		<i>Naetrocymbaceae</i> (4)
		<i>Nematotheciaceae</i> (3)
		<i>Neoparodiaceae</i> (1)
		<i>Paranectriellaceae</i> (2)
		<i>Parmulariaceae</i> (30)
		<i>Parodiellaceae</i> (1)
		<i>Perisporiopsidaceae</i> (3)
		<i>Phaeodimeriellaceae</i> (1)
		<i>Pododimeriaceae</i> (2)
		<i>Polyclypeolinaceae</i> (1)
		<i>Polystomellaceae</i> (4)
		<i>Protoscyphaceae</i> (1)
		<i>Pseudoperisporiaceae</i> (4)
		<i>Seynesiopeltidaceae</i> (1)
		<i>Stomatogeneaceae</i> (1)
		<i>Toroaceae</i> (1)
		<i>Trichopeltinaceae</i> (7)
		<i>Vizellaceae</i> (3)
<i>Eurotiomycetes</i>	<i>Arachnomycetales</i>	<i>Arachnomycetaceae</i> (2)
	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i> (16)
		<i>Coccodiniaceae</i> (4)
		<i>Cyphellophoraceae</i> (1)
		<i>Epibryaceae</i> (1)
		<i>Herpotrichiellaceae</i> (15)
		<i>Lyrommataceae</i> (1)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Microtheliopsidaceae</i> (1)
		<i>Pyrenotrichaceae</i> (1)
		<i>Strelitzianaceae</i> (2)
		<i>Trichomeriaceae</i> (5)
	<i>Coryneliales</i>	<i>Coryneliaceae</i> (7)
		<i>Eremascaceae</i> (1)
	<i>Eurotiales</i>	<i>Aspergillaceae</i> (9)
		<i>Elaphomycetaceae</i> (2)
		<i>Monascaceae</i> (1)
		<i>Thermoascaceae</i> (2)
		<i>Trichocomaceae</i> (11)
	<i>Mycocaliciales</i>	<i>Mycocaliciaceae</i> (7)
	<i>Onygenales</i>	<i>Ajellomycetaceae</i> (3)
		<i>Arthrodermataceae</i> (6)
		<i>Ascosphaeraceae</i> (3)
		<i>Gymnoascaceae</i> (11)
		<i>Nannizziopsidaceae</i> (1)
		<i>Onygenaceae</i> (31)
		<i>Spiromastigaceae</i> (4)
	<i>Phaeomoniellales</i>	<i>Celotheliaceae</i> (1)
		<i>Phaeomoniellaceae</i> (8)
	<i>Pyrenulales</i>	<i>Pyrenulaceae</i> (13)
	<i>Verrucariales</i>	<i>Adelococcaceae</i> (3)
		<i>Verrucariaceae</i> (54)
	<i>Incertae sedis^a</i>	<i>Dactylosporaceae</i> (2)
		<i>Rhynchostomataceae</i> (3)
Geoglossomycetes	<i>Geoglossales</i>	<i>Geoglossaceae</i> (8)
Laboulbeniomycetes	<i>Laboulbeniales</i>	<i>Ceratomycetaceae</i> (12)
		<i>Euceratomycetaceae</i> (5)
		<i>Herpomycetaceae</i> (1)
		<i>Laboulbeniaceae</i> (125)
		<i>Teratomycetaceae</i> (1)
	<i>Pyxidiophorales</i>	<i>Pyxidiophoraceae</i> (4)
Lecanoromycetes	<i>Acarosporales</i>	<i>Acarosporaceae</i> (11)
		<i>Eigleraceae</i> (1)
	<i>Arctomiales</i>	<i>Arctomiaceae</i> (3)
	<i>Baeomycetales</i>	<i>Baeomycetaceae</i> (5)
		<i>Cameroniaceae</i> (1)
	<i>Candelariales</i>	<i>Candelariaceae</i> (4)
		<i>Pycnoraceae</i> (1)
	<i>Caliciales</i>	<i>Caliciaceae</i> (35)
		<i>Physciaceae</i> (19)
	<i>Hymeneliales</i>	<i>Hymeneliaceae</i> (3)
	<i>Lecanorales</i>	<i>Biatorellaceae</i> (1)
		<i>Bruceomycetaceae</i> (1)
		<i>Carbonicolaceae</i> (1)
		<i>Catillariaceae</i> (5)
		<i>Cladoniaceae</i> (15)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Gypsoplacaceae</i> (1)
		<i>Haematommataceae</i> (1)
		<i>Lecanoraceae</i> (24)
		<i>Malmideaceae</i> (4)
		<i>Megalariaceae</i> (3)
		<i>Pachyascaceae</i> (1)
		<i>Parmeliaceae</i> (66)
		<i>Pilocarpaceae</i> (30)
		<i>Psilolechiaceae</i> (1)
		<i>Psoraceae</i> (6)
		<i>Ramalinaceae</i> (42)
		<i>Ramboldiaceae</i> (1)
		<i>Scoliciosporaceae</i> (2)
		<i>Sphaerophoraceae</i> (6)
		<i>Squamarinaceae</i> (2)
		<i>Stereocaulaceae</i> (4)
		<i>Tephromelataceae</i> (4)
	<i>Lecideales</i>	<i>Lecideaceae</i> (30)
		<i>Lopadiaceae</i> (1)
	<i>Leprocaulales</i>	<i>Leprocaulaceae</i> (3)
	<i>Ostropales</i>	<i>Coenogoniaceae</i> (1)
		<i>Gomphillaceae</i> (24)
		<i>Graphidaceae</i> (79)
		<i>Gyalectaceae</i> (4)
		<i>Odontotremataceae</i> (12)
		<i>Phaneromycetaceae</i> (1)
		<i>Phlyctidaceae</i> (2)
		<i>Porinaceae</i> (6)
		<i>Protothelenellaceae</i> (2)
		<i>Sagiolechiaceae</i> (2)
		<i>Stictidaceae</i> (25)
		<i>Thelenellaceae</i> (3)
		<i>Thrombiaceae</i> (1)
	<i>Peltigerales</i>	<i>Coccocarpiaceae</i> (3)
		<i>Collemataceae</i> (9)
		<i>Koerberiaceae</i> (3)
		<i>Lobariaceae</i> (12)
		<i>Massalongiaceae</i> (3)
		<i>Nephromataceae</i> (1)
		<i>Pannariaceae</i> (26)
		<i>Peltigeraceae</i> (2)
		<i>Placynthiaceae</i> (3)
		<i>Vahliellaceae</i> (1)
	<i>Pertusariales</i>	<i>Coccotremataceae</i> (3)
		<i>Icmadophilaceae</i> (8)
		<i>Megasporaceae</i> (6)
		<i>Miltideaceae</i> (1)
		<i>Ochrolechiaceae</i> (2)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Pertusariaceae</i> (4)
	<i>Rhizocarpales</i>	<i>Rhizocarpaceae</i> (4)
		<i>Sporastatiaceae</i> (2)
	<i>Sarrameanales</i>	<i>Sarrameanaceae</i> (2)
		<i>Schaereriaceae</i> (1)
	<i>Teloschistales</i>	<i>Brigantieaceae</i> (1)
		<i>Letrouitiaceae</i> (1)
		<i>Megalosporaceae</i> (3)
		<i>Teloschistaceae</i> (65)
	<i>Trapeliales</i>	<i>Trapeliaceae</i> (11)
		<i>Xylographaceae</i> (4)
	<i>Umbilicariales</i>	<i>Elixiaceae</i> (2)
		<i>Fuscideaceae</i> (5)
		<i>Ophioparmaceae</i> (3)
		<i>Ropalosporaceae</i> (1)
		<i>Umbilicariaceae</i> (4)
	<i>incertae sedis^a</i>	<i>Arthrorhaphidaceae</i> (1)
		<i>Helocarpaceae</i> (1)
		<i>Micropeltidaceae</i> (14)
<i>Leotiomyces</i>	<i>Cyttariales</i>	<i>Cyttariaceae</i> (1)
	<i>Erysiphales</i>	<i>Erysiphaceae</i> (18)
	<i>Helotiales</i>	<i>Arachnopezizaceae</i> (5)
		<i>Ascodichaenaceae</i> (2)
		<i>Ascocorticiaceae</i> (3)
		<i>Bloxamiaceae</i> (1)
		<i>Calloriaceae</i> (15)
		<i>Cenangiaceae</i> (15)
		<i>Chaetomellaceae</i> (4)
		<i>Chlorociboriaceae</i> (1)
		<i>Cordieritidaceae</i> (14)
		<i>Dermateaceae</i> (13)
		<i>Drepanopezizaceae</i> (9)
		<i>Gelatinodiscaceae</i> (10)
		<i>Godroniaceae</i> (4)
		<i>Helotiaceae</i> (34)
		<i>Heterosphaeriaceae</i> (1)
		<i>Hyaloscyphaceae</i> (37)
		<i>Lachnaceae</i> (16)
		<i>Leptodontidiaceae</i> (1)
		<i>Loramycetaceae</i> (2)
		<i>Mitrulaceae</i> (1)
		<i>Mollisiaceae</i> (14)
		<i>Pezizellaceae</i> (19)
		<i>Ploettnerulaceae</i> (9)
		<i>Roesleriaceae</i> (1)
		<i>Rutstroemiaceae</i> (6)
		<i>Sclerotiniaceae</i> (30)
		<i>Vibrissaceae</i> (5)

Table 1 (continued)

Class	Order ^a	Family ^a
	<i>Lahmiales</i>	<i>Lahmiaceae</i> (1)
	<i>Lauriomycetales</i>	<i>Lauriomycetaceae</i> (1)
	<i>Leotiales</i>	<i>Leotiaceae</i> (6)
	<i>Medeolariales</i>	<i>Medeolariaceae</i> (1)
	<i>Phacidiales</i>	<i>Helicogoniaceae</i> (7)
		<i>Phacidiaceae</i> (9)
		<i>Tympanidaceae</i> (9)
	<i>Rhytismatales</i>	<i>Cudoniaceae</i> (2)
		<i>Marthamycetaceae</i> (8)
		<i>Rhytismataceae</i> (50)
	<i>Thelebolales</i>	<i>Thelebolaceae</i> (10)
	<i>Triblidiales</i>	<i>Triblidiaceae</i> (3)
	<i>Incertae sedis^a</i>	<i>Amorphothecaceae</i> (2)
		<i>Myxotrichaceae</i> (6)
		<i>Pseudeurotiaceae</i> (5)
Lichinomycetes	<i>Lichinales</i>	<i>Gloeoheppiaceae</i> (3)
		<i>Lichinaceae</i> (44)
		<i>Peltulaceae</i> (1)
Neoelectomycetes	<i>Neoelectales</i>	<i>Neoelectaceae</i> (1)
Orbiliomycetes	<i>Orbiliales</i>	<i>Orbiliaceae</i> (13)
Pezizomycetes	<i>Pezizales</i>	<i>Ascobolaceae</i> (4)
		<i>Ascodesmidaceae</i> (11)
		<i>Caloscyphaceae</i> (2)
		<i>Chorioactidaceae</i> (7)
		<i>Discinaceae</i> (5)
		<i>Glaziellaceae</i> (1)
		<i>Helvellaceae</i> (5)
		<i>Karstenellaceae</i> (1)
		<i>Morchellaceae</i> (8)
		<i>Otideaceae</i> (8)
		<i>Pezizaceae</i> (33)
		<i>Pyronemataceae</i> (47)
		<i>Rhizinaceae</i> (3)
		<i>Sarcoscyphaceae</i> (13)
		<i>Sarcosomataceae</i> (8)
		<i>Tuberaceae</i> (7)
Pneumocystidomycetes	<i>Pneumocystidales</i>	<i>Pneumocystidaceae</i> (1)
Saccharomycetes	<i>Saccharomycetales</i>	<i>Ascoideaceae</i> (1)
		<i>Cephaloascaceae</i> (1)
		<i>Debaryomycetaceae</i> (14)
		<i>Dipodascaceae</i> (6)
		<i>Lipomycetaceae</i> (5)
		<i>Metschnikowiaceae</i> (5)
		<i>Phaffomycetaceae</i> (5)
		<i>Pichiaceae</i> (13)
		<i>Saccharomycetaceae</i> (17)
		<i>Saccharomycodaceae</i> (3)
		<i>Saccharomycopsidaceae</i> (2)

Table 1 (continued)

Class	Order ^a	Family ^a
<i>Schizosaccharomycetes</i>	<i>Schizosaccharomycetales</i>	<i>Trichomonascaceae</i> (12)
		<i>Trigonopsidaceae</i> (3)
<i>Sordariomycetes</i>	<i>Amphisphaeriales</i>	<i>Schizosaccharomycetaceae</i> (1)
		<i>Amphisphaeriaceae</i> (3)
		<i>Apiosporaceae</i> (6)
		<i>Beltraniaceae</i> (7)
		<i>Clypeophysalosporaceae</i> (4)
		<i>Hyponectriaceae</i> (17)
		<i>Melogrammataceae</i> (1)
		<i>Oxydothidaceae</i> (1)
		<i>Phlogicylindriaceae</i> (2)
		<i>Pseudomassariaceae</i> (2)
		<i>Sporocadaceae</i> (22)
		<i>Vialaeaceae</i> (1)
	<i>Amplistromatales</i>	<i>Amplistromataceae</i> (3)
		<i>Catabotrydaceae</i> (1)
	<i>Annulatascales</i>	<i>Annulatasceae</i> (11)
	<i>Atractosporales</i>	<i>Atractosporaceae</i> (2)
		<i>Conlariaceae</i> (1)
		<i>Pseudoproboscisporeaceae</i> (2)
	<i>Bolinales</i>	<i>Boliniaceae</i> (10)
	<i>Calosphaeriales</i>	<i>Calosphaeriaceae</i> (7)
		<i>Jobellisiaceae</i> (1)
		<i>Pleurostomataceae</i> (1)
	<i>Chaetosphaeriales</i>	<i>Chaetosphaeriaceae</i> (38)
		<i>Helminthosphaeriaceae</i> (8)
		<i>Leptosporrellaceae</i> (1)
		<i>Linocarpaceae</i> (2)
	<i>Coniochaetales</i>	<i>Coniochaetaceae</i> (2)
		<i>Cordanaceae</i> (1)
	<i>Conioscyphales</i>	<i>Conioscyphaeae</i> (1)
	<i>Coronophorales</i>	<i>Bertiaceae</i> (2)
		<i>Ceratostomataceae</i> (9)
		<i>Chaetosphaerellaceae</i> (3)
		<i>Coronophoraceae</i> (1)
		<i>Nitschkiaceae</i> (14)
		<i>Scortechiniaceae</i> (9)
	<i>Delonicolales</i>	<i>Delonicolaceae</i> (2)
	<i>Diaporthales</i>	<i>Apiosporopsidaceae</i> (1)
		<i>Apharknessiaceae</i> (2)
		<i>Asterosporiaceae</i> (1)
		<i>Auratiopycnidiellaceae</i> (1)
		<i>Coryneaceae</i> (1)
		<i>Cryphonectriaceae</i> (23)
		<i>Cytosporaceae</i> (5)
		<i>Diaporthaceae</i> (15)
		<i>Erythrogloeaceae</i> (3)
		<i>Gnomoniaceae</i> (34)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Harknessiaceae</i> (3)
		<i>Juglanconidaceae</i> (1)
		<i>Lamproconiaceae</i> (2)
		<i>Macrohilaceae</i> (1)
		<i>Melanconidaceae</i> (1)
		<i>Melanconiellaceae</i> (7)
		<i>Prosopidicolaceae</i> (1)
		<i>Pseudoplagiostomataceae</i> (1)
		<i>Schizoparmaceae</i> (1)
		<i>Stilbosporaceae</i> (4)
		<i>Sydowiellaceae</i> (15)
	<i>Falcocladiales</i>	<i>Falcocladiaceae</i> (1)
	<i>Fuscosporellales</i>	<i>Fuscosporellaceae</i> (4)
	<i>Glomerellales</i>	<i>Australiascaceae</i> (1)
		<i>Glomerellaceae</i> (1)
		<i>Plectosphaerellaceae</i> (10)
		<i>Reticulascaceae</i> (4)
	<i>Hypocreales</i>	<i>Bionectriaceae</i> (39)
		<i>Clavicipitaceae</i> (48)
		<i>Cordycipitaceae</i> (17)
		<i>Hypocreaceae</i> (18)
		<i>Nectriaceae</i> (63)
		<i>Niessliaceae</i> (18)
		<i>Ophiocordycipitaceae</i> (7)
		<i>Stachybotryaceae</i> (36)
		<i>Tilachlidiaceae</i> (2)
	<i>Koralionastetales</i>	<i>Koralionastetaceae</i> (2)
	<i>Lulworthiales</i>	<i>Lulworthiaceae</i> (14)
	<i>Magnaporthales</i>	<i>Magnaporthaceae</i> (23)
		<i>Ophioceraceae</i> (1)
		<i>Pseudohalonectriaceae</i> (1)
		<i>Pyriculariaceae</i> (10)
	<i>Meliolales</i>	<i>Armatellaceae</i> (1)
		<i>Meliolaceae</i> (7)
	<i>Microascales</i>	<i>Ceratocystidaceae</i> (7)
		<i>Chadefaudiellaceae</i> (2)
		<i>Gondwanamycetaceae</i> (2)
		<i>Graphiaceae</i> (1)
		<i>Halosphaeriaceae</i> (64)
		<i>Microascaceae</i> (23)
	<i>Myrmecridiales</i>	<i>Myrmecridiaceae</i> (1)
	<i>Ophiostomatales</i>	<i>Kathistaceae</i> (3)
		<i>Ophiostomataceae</i> (14)
	<i>Parasymphodiellales</i>	<i>Parasymphodiellaceae</i> (1)
	<i>Phomatosporales</i>	<i>Phomatosporaceae</i> (3)
	<i>Phyllachorales</i>	<i>Phaeochoraceae</i> (4)
		<i>Phyllachoraceae</i> (55)
		<i>Telimenaceae</i> (1)

Table 1 (continued)

Class	Order ^a	Family ^a
	<i>Pisorisporiales</i>	<i>Pisorisporiaceae</i> (2)
	<i>Pleurotheciales</i>	<i>Pleurotheciaceae</i> (8)
	<i>Spathulosporales</i>	<i>Hispidicarpomycetaceae</i> (1)
		<i>Spathulosporaceae</i> (2)
	<i>Savoryellales</i>	<i>Savoryellaceae</i> (6)
	<i>Sordariales</i>	<i>Chaetomiaceae</i> (26)
		<i>Lasiosphaeriaceae</i> (32)
		<i>Sordariaceae</i> (8)
	<i>Tirisporellales</i>	<i>Tirisporellaceae</i> (4)
	<i>Togniniales</i>	<i>Togniniaceae</i> (1)
	<i>Torpedosporales</i>	<i>Etheiophoraceae</i> (2)
		<i>Juncigenaceae</i> (4)
		<i>Torpedosporaceae</i> (1)
	<i>Vermiculariopsiellales</i>	<i>Vermiculariopsiellaceae</i> (1)
	<i>Xenospadicoidales</i>	<i>Xenospadicoidaceae</i> (2)
	<i>Xylariales</i>	<i>Barrmaeliaceae</i> (2)
		<i>Castanediellaceae</i> (1)
		<i>Diatrypaceae</i> (17)
		<i>Graphostromataceae</i> (6)
		<i>Hypoxylaceae</i> (18)
		<i>Lopadostomataceae</i> (4)
		<i>Microdochiaceae</i> (3)
		<i>Myelospermataceae</i> (1)
		<i>Polystigmataceae</i> (1)
		<i>Requienellaceae</i> (3)
		<i>Xylariaceae</i> (44)
		<i>Zygosporiaceae</i> (1)
	<i>Incertae sedis^a</i>	<i>Barbatosphaeriaceae</i> (3)
		<i>Batistiaceae</i> (1)
		<i>Cainiaceae</i> (4)
		<i>Cephalothecaceae</i> (4)
		<i>Coniocessiaceae</i> (1)
		<i>Distoseptisporaceae</i> (1)
		<i>Iodosphaeriaceae</i> (1)
		<i>Lautosporaceae</i> (1)
		<i>Lentomitellaceae</i> (1)
		<i>Papulosaceae</i> (4)
		<i>Sporidesmiaceae</i> (1)
		<i>Thyridiaceae</i> (3)
		<i>Trichosphaeriaceae</i> (19)
		<i>Woswasiaceae</i> (3)
<i>Taphrinomycetes</i>	<i>Taphrinales</i>	<i>Protomycetaceae</i> (6)
		<i>Taphrinaceae</i> (1)
<i>Xylonomycetes</i>	<i>Xylonomycetales</i>	<i>Xylonomycetaceae</i> (3)
<i>Incertae sedis^b</i>	<i>Thelocarpales</i>	<i>Thelocarpaceae</i> (2)
	<i>Vezdaeales</i>	<i>Vezdaeaceae</i> (1)
<i>Incertae sedis^c</i>	<i>Incertae sedis</i>	<i>Aphanopsidaceae</i> (2)
		<i>Diporotheceae</i> (1)

Table 1 (continued)

Class	Order ^a	Family ^a
		<i>Eoterfeziaceae</i> (2)
		<i>Epigloeaceae</i> (1)
		<i>Harpidiaceae</i> (2)
		<i>Microcaliciaceae</i> (1)
		<i>Mucomassariaceae</i> (1)
		<i>Phyllobatheliaceae</i> (2)
		<i>Saccardiaceae</i> (12)
		<i>Seuratiaceae</i> (2)
		<i>Strangosporaceae</i> (1)

Number of genera in each family is provided inside the brackets after the family name

^aOrders/families could be listed under different subclasses in outline. In the table, we do not consider auxiliary (intermediate) taxonomic ranks

^b*Ascomycota/Pezizomycotina* orders *incertae sedis*

^c*Ascomycota/Pezizomycotina* families *incertae sedis*

Austrographa Sparrius et al.
Austrorocella Tehler & Ertz
Chiodecton Ach.
Crocellina Tehler & Ertz
Dendrographa Darb.
Dichosporidium Pat.
Dirina Fr.
Diromma Ertz & Tehler
Enterodictyon Müll. Arg.
Enterographa Fée
Erythrodecton G. Thor
Follmanniella Peine & Werner
Gorgadesia Tav.
Graphidastra (Redinger) G. Thor
Gyrographa Ertz & Tehler
Gyronactis Ertz & Tehler
Halographis Kohlm. & Volkm.-Kohlm.
Haplodina Zahlbr.
Isalonactis Ertz et al.
Lecanactis Körb.
Mazosia A. Massal.
Neosergipea M. Cáceres et al.
Ocellomma Ertz & Tehler
Protorocella Follmann ex Follmann
Pseudolecanactis Zahlbr.
Pseudoschismatomma Ertz & Tehler
Psoronactis Ertz & Tehler
Pulvinodecton Henssen & G. Thor
Roccella DC.
Roccellina Darb.
Sagenidiopsis R.W. Rogers & Hafellner
Schismatomma Flot. & Körb. ex A. Massal.
Sigridea Tehler
Simonyella J. Steiner

Sipmania Egea & Torrente
Streimannia G. Thor
Syncesia Taylor
Tania Egea et al.
Vigneronia Ertz

Roccellographaceae Ertz & Tehler

Dimidiographa Ertz & Tehler
Fulvophyton Ertz & Tehler
Roccellographa J. Steiner

Arthoniales genera *incertae sedis*

Angiactis Aptroot & Sparrius
Arthophacopsis Hafellner
Bactrospora A. Massal.
Bryostigma Poelt & Döbbeler
Catarraphia A. Massal.
Felipes Frisch & G. Thor
Glyphopsis Aptroot
Gossypiothallon Aptroot
Helminthocarpon Fee
Hormosphaeria Lév.
Minksia Müll. Arg.
Nipholepis Syd.
Perigrapha Hafellner
Phoebus R.C. Harris & Ladd
Sporostigma Grube
Synarthonia Müll. Arg.
Synarthothelium Sparrius
Tarbertia Dennis
Tremotylum Nyl.
Trichophyma Rehm
Tylophorella Vain.
Wegea Aptroot & Tibell

Lichenostigmatales Ertz et al.

Phaeococcomycetaceae McGinnis & Schell

Etayoa Diederich & Ertz

Lichenostigma Hafellner

Phaeococcomyces de Hoog

Class Coniocybomyces M. Prieto & Wedin

Coniocybales M. Prieto & Wedin

Coniocybaceae Rchb.

Chaenotheca (Th. Fr.) Th. Fr.

Sclerophora Chevall.

Class Dothideomycetes sensu O.E. Erikss & Winka

Subclass Dothideomycetidae P.M. Kirk et al.

Capnodiales Woron.

Antennulariellaceae Woron.

Achaetobotrys Bat. & Cif.

Antennulariella Woron.

Capnofrasera S. Hughes

Capnodiaceae (Sacc.) Höhn. ex Theiss.

Capnodium Mont.

Leptoxyphium Speg.

Limaciniaseta D.R. Reynolds

Phragmocapnias Theiss. & Syd.

Plurispermopsis Pereira-Carv. et al.

Scoriadopsis Mend.

Scorias Fr.

Cladosporiaceae Nann.

Acroconidiella J.C. Lindq. & Alippi

Cladosporium Link

Davidiellomyces Crous

Graphiopsis Trail

Hornsmania Crous

Rachicladospodium Crous et al.

Toxicocladospodium Crous & U. Braun

Verrucocladospodium K. Schub. et al.

Cystocoleaceae Locq. ex Lücking et al.

Cystocoleus A. Massal.

Dissoconiaceae Crous & de Hoog

Dissoconium de Hoog et al.

Pseudoveronaea Crous & Batzer

Ramichloridium Stahel

Uwebraunia Crous & M.J. Wingf.

Euantennariaceae Hughes & Corlett*

Capnokyma S. Hughes

Euantennaria Speg.

Hormisciomyces Bat. & Nascim.

Plokamidomyces Bat. et al.

Rasutoria M.E. Barr

Strigopodia Bat.

Trichothallus F. Stevens

Extremaceae Quaedvl. & Crous

Extremus Quaedvl. & Crous

Petrophila de Hoog & Quaedvl.

Pseudoramichloridium Cheew. & Crous

Saxophila Selbmann & de Hoog

Staninwardia B. Sutton

Vermiconia Egidi & Onofri

Metacapnodiaceae Hughes & Corlett

Capnobotrys S. Hughes

Hyphosoma Syd.

Metacapnodium Speg.

Mycosphaerellaceae Lindau

Acervuloseptoria Crous & Jol. Roux

Achorodothis Syd.

Amycosphaerella Quaedvl. & Crous

Anguillosporella U. Braun*

Annellophora S. Hughes

Annellophragmia Subram.*

Annellosympodia McTaggart et al.*

Annellosympodiella Crous & Assefa

Apseudocercosporella Videira & Crous

Asperisporium Maubl.

Asteromidium Speg.*

Australosphaerella Videira & Crous*

Brunneosphaerella Crous

Brunswicksiella Videira & Crous*

Bryopelta Döbbeler & Poelt

Camptomeriphila Crous & M.J. Wingf.

Camptomeris Syd.*

Caryophylloseptoria Verkley et al.

Catenulocercospora C. Nakash. et al.*

Ceratosporma Speg.*

Cercoramularia Videira et al.*

Cercosperma G. Arnaud ex B. Sutton & Hodges*

Cercosphaerella Kleb.*

Cercospora Fresen.

Cercosporella Sacc.

Cercosporidium Earle

Chuppomyces Videira & Crous*

Cladosporiella Deighton

Clarohilum Videira & Crous*

Clypeispora A.W. Ramaley

Clypeosphaerella Guatimosim et al.

Collarispora Videira & Crous*

Colletogloeum Petr.

Coremiopassalora U. Braun et al.

Cytostagonospora Bubák*

Deightonomyces Videira & Crous*

Devonomyces Videira & Crous*

Dictyosporina Abreu et al.

Distocercospora N. Pons & B. Sutton

Distocercosporaster Videira et al.*

- Distomycovellosiella* U. Braun et al.*
Dothistroma Hulbary
Epicoleosporium Videira & Crous
Episphaerella Petr.*
Euryachora Fuckel
Exosporium Link*
Exutisphaerella Videira & Crous*
Filiella Videira & Crous
Fulvia Cif.*
Fusoidiella Videira & Crous
Gillotia Sacc. & Trotter
Graminopassalora U. Braun et al.*
Hyalocercosporidium Videira & Crous*
Hyalozasmidium U. Braun et al.
Lecanosticta Syd.
Lembosiosis Theiss.
Lophiosphaerella Hara
Madagascaramyces U. Braun et al.*
Melanodothis R.H. Arnold
Microcyclosporella J. Frank et al.
Micronematomyces U. Braun et al.*
Miuraea Hara
Mycodiella Crous*
Mycoporis Clem.
Mycosphaerelloides Videira & Crous
Mycovellosiella Rangel
Neoceratosperma Crous & Cheew.
Neocercospora M. Bakhshi et al.
Neocercosporidium Videira & Crous*
Neodeightoniella Crous & W.J. Swart
Neomycosphaerella Crous
Neopenidiella Quaedvl. & Crous
Neophloeospora U. Braun et al.*
Neopseudocercospora Crous
Neopseudocercospora Videira & Crous
Neoramichloridium Phook. et al.*
Neoseptoria Quaedvl. et al.
Nothopassalora U. Braun et al.*
Nothopericoniella Videira & Crous*
Nothophaeocryptopus Videira et al.*
Pachyramichloridium Videira & Crous*
Pallidocercospora Crous
Pantospora Cif.*
Paracercospora Deighton
Paracercosporidium Videira & Crous*
Paramycosphaerella Crous & Jol. Roux
Paramycovellosiella Videira et al.*
Parapallidocercospora Videira et al.*
Passalora Fr.
Phaeocercospora Crous
Phaeophleospora Rangel
Phloeospora Wallr.
Placocrea Syd.
Pleopassalora Videira & Crous*
Pluripassalora Videira & Crous*
Polyphialoseptoria Quaedvl. et al.
Polysporella Woron.
Polythrincium Kunze
Pseudocercospora Speg.
Pseudocercospora Deighton
Pseudocercosporidium Deighton
Pseudopericoniella Videira & Crous*
Pseudophaeophleospora C. Nakash. et al.*
Pseudostigmidium Etayo
Pseudozasmidium Videira & Crous*
Ragnhildiana Solheim*
Ramularia Unger
Ramulispora Miura
Rhachisphaerella U. Braun et al.*
Rosisphaerella Videira & Crous*
Ruptoseptoria Quaedvl. et al.
Scolecostigmina U. Braun
Septoria Sacc.
Sirosporium Bubák & Serebrian.*
Sonderhenia H.J. Swart & J. Walker
Sphaerellothecium Zopf
Sphaerulina Sacc.
Stigmidium Trevis.
Stromatoseptoria Quaedvl. et al.
Sultanimyces Videira & Crous*
Trochophora R.T. Moore
Uwemyces Hern.-Restr. et al.
Virosphaerella Videira & Crous*
Xenomycosphaerella Quaedvl. & Crous
Xenoramularia Videira et al.
Xenosonderhenia Crous*
Xenosonderhenioides Videira & Crous*
Zasmidium Fr.*
Zymoseptoria Quaedvl. & Crous
Neodevriesiaceae Quaedvl. & Crous
Neodevriesia Quaedvl. & Crous
Tripospermum Speg.
Phaeothecoidiellaceae K.D. Hyde & Hongsanan*
Chaetothyria Theiss.
Exopassalora Videira & Crous*
Houjia G.Y. Sun & Crous
Phaeothecoidiella Batzer & Crous
Sporidesmajora Batzer & Crous*
Piedraiaceae Viégas ex Cif. et al.
Piedraia Fons. & Leao
Racodiaceae Link
Racodium Fr.
Schizothyriaceae Höhn. ex Trotter et al.*

- Amazonotheca* Bat. & H. Maia
Hexagonella F. Stevens & Guba ex F. Stevens
Kerniomyces Toro
Lecideopsella Höhn.
Metathyriella Syd.
Mycerema Bat. et al.
Myriangiella Zimm.
Plochmopeltis Theiss.
Schizothyrium Desm.
- Teratosphaeriaceae** Crous & U. Braun
Acidiella Hujsová & M. Kolařík
Acidomyces B.J. Baker et al.
Acrodontium de Hoog et al.*
Apenidiella Quaedvl. & Crous
Aulographina Arx & E. Müll.
Austroafricana Quaedvl. & Crous
Austrostigmidium Pérez-Ort. & Garrido-Benavent
Batcheloromyces Marasas et al.
Baudoinia J.A. Scott & Unter.
Bryochiton Döbbeler & Poelt*
Camarosporula Petr.
Capnobotryella Sugiy.
Catenulostroma Crous & U. Braun
Constantinomyces Egidi & Onofri
Davisoniella H.J. Swart
Devriesia Seifert & N.L. Nick.
Elasticomyces Zucconi & Selbmann
Eupenidiella Quaedvl. & Crous
Euteratosphaeria Quaedvl. & Crous
Fodinomyces Vázq.-Camp.
Friedmanniomyces Onofri
Hispidoconidioma Tsuneda & Davey
Hortaea Nishim. & Miyaji
Hyweljonesia R.G. Shivas et al.
Incertomyces Egidi & Zucconi
Lapidomyces de Hoog & Stielow
Leptomelanconium Petr.
Meristemomyces Isola & Onofri
Microcyclospora J. Frank et al.
Monticola Selbmann & Egidi
Mycophycias Kohlm. & Volkm.-Kohlm
Myrtapenidiella Quaedvl. & Crous
Neocatenulostroma Quaedvl. & Crous
Neophaeothecoidea Quaedvl. & Crous
Neotrimmatostroma Quaedvl. & Crous
Oleoguttula Selbmann & de Hoog
Pachysacca Syd.
Parapenidiella Crous & Summerell
Parateratosphaeria Quaedvl. & Crous
Penidiella Crous & U. Braun
Penidillopsis Sandoval-Denis et al.
Phacellium Bonord.
- Phaeothecoidea* Crous
Pseudotaeniolina J.L. Crane & Schokn.
Pseudoteratosphaeria Quaedvl. & Crous
Queenslandipenidiella Quaedvl. & Crous
Ramopenidiella Crous & R.G. Shivas
Readeriella Syd. & P. Syd.
Recurvomyces Selbmann & de Hoog
Stenella Syd.
Suberoteratosphaeria Quaedvl. & Crous
Teratoramularia Videira et al.
Teratosphaeria Syd. & P. Syd.
Teratosphaericola Quaedvl. & Crous
Teratosphaeriopsis Quaedvl. & Crous
Xanthoriicola D. Hawksw.
Xenoconiothyrium Crous & Marinc.
Xenopenidiella Quaedvl. & Crous
Xenoteratosphaeria Quaedvl. & Crous
- Capnodiales** genera *incertae sedis*
Arthrocatena Egidi & Selbmann
Catenulomyces Egidi & de Hoog
Eriosporella Höhn.
Hyphoconis Egidi & Quaedvl.
Mucomycosphaerella Quaedvl. & Crous
Neohortaea Quaedvl. & Crous
Perusta Egidi & Stielow
Pseudoepicoccum M.B. Ellis
Racoleus R. Sant. & D. Hawksw.
Ramimonilia Stielow & Quaedvl.
Readeriellopsis Crous & Decock
- Dothideales** Lindau
Dothideaceae Chevall.
Asteromellopsis H.E. Hess & E. Müll.
Cylindroseptoria Quaedvl. et al.
Delphinella (Sacc.) Kuntze
Dictyodothis Theiss. & Syd.
Dothidea Fr.
Dothiora Fr.
Endoconidioma Tsuneda
Endodothiora Petr.
Hormonema Lagerb. & Melin
Kabatina R. Schneid. & Arx
Neocylindroseptoria Thambug. & K.D. Hyde
Neophaeocryptopus Wanas. et al.
Phaeocryptopus Naumov
Plowrightia Sacc.
Pringsheimia Schulzer
Rhizosphaera L. Mangin & Har.
Stylodothis Arx & E. Müll.
Sydowia Bres.
- Sacotheciaceae** Bonord.
Aureobasidium Viala & G. Boyer

- Columnosphaeria* Munk
Kabatiella Bubák
Pseudoseptoria Speg.
Pseudosydowia Thambug. & K.D. Hyde
Sacothecium Fr.
Selenophoma Maire
- Zalariaceae** Visagie et al.
Zalaria Visagie et al.*
- Myriangiales** Starbäck
Elsinoaceae Höhn. ex Sacc. & Trotter
Elsinoë Racib.
Molleriella G. Winter
- Myriangiaceae** Nyl.
Anhellia Racib.
Ascostratum Syd. & P. Syd.
Butleria Sacc.
Dictyocyclus Sivan. et al.
Eurytheca De Seynes
Hemimyriangium J. Reid & Piroz
Mendogia Racib.
Micularia Boedijn
Myriangium Mont. & Berk.
Uleomyces P. Henn.*
Zukaliopsis Henn.
- Subclass Pleosporomycetidae** C.L. Schoch et al.
Hysteriales Lindau
Hysteriaceae Chevall.
Actidiographium Lar. N. Vassiljeva
Coniosporium Link
Gloniella Sacc.
Gloniopsis De Not.
Hysterium Pers.
Hysterobrevium E.W.A. Boehm & C.L. Schoch
Hysterocarina Zogg
Hysterodifractum D.A.C. Almeida et al.
Hysteroogonium Rehm ex Lindau
Oedohysterium E.W.A. Boehm & C.L. Schoch
Ostrechnion Duby
Pseudoscypha J. Reid & Piroz.
Psilogonium Höhn.
Rhytidhysterion Speg.
- Mytilinidiales** Boehm et al.
Gloniaceae (Corda) Boehm et al.
Cenococcum Moug. & Fr.
Glonium Mühl.
Purpurepithecium Jayasiri & K.D. Hyde*
- Mytiliniaceae** Kirschst.
Actidium Fr.
Halokirschsteiniothelia Boonmee & K.D. Hyde*
Lophium Fr.
- Mytilinidion* Duby
Ostreola Darker
Peyronelia Cif. & Gonz. Frag.*
Quasiconcha M.E. Barr & M. Blackw.
Septonema Corda
Taeniolella S. Hughes*
Zoggium Lar.N. Vassiljeva
- Pleosporales** Luttrell ex M.E. Barr
Acrocalymnaceae Crous & Trakun.
Acrocalymma Alcorn & J.A.G. Irwin
- Aigialaceae** Suetrong et al.
Aigialus S. Schatz & Kohlm.
Ascocratera Kohlm.
Fissuroma J.K. Liu et al.
Neoastrophaeriella J.K. Liu et al.
Rimora Kohlm. et al.
- Amniculicolaceae** Yin. Zhang et al.
Amniculicola Y. Zhang ter & K.D. Hyde
Murispora Y. Zhang bis et al.
Neomassariosphaeria Yin. Zhang et al.
Pseudomassariosphaeria Phukhams. et al.
Vargamyces Tóth
- Amorosiaceae** Thambug. & K.D. Hyde
Amorosia Mantle & D. Hawksw.
Angustimassarina Thambug. et al.
- Anteagloniaceae** K.D. Hyde et al.
Anteaglonium Mugambi & Huhndorf
Flammeascoma Phook. & K.D. Hyde
- Aquasubmersaceae** A. Hashim. & Kaz. Tanaka
Aquasubmersa K.D. Hyde & Huang Zhang
- Arthopyreniaceae** W. Watson*
Arthopyrenia A. Massal. (= *Arthopyreniomyces* Cif. & Tomas.)
Magmopsis Nyl.
- Ascocylindricaceae** Abdel-Wahab et al.
Ascocylindrica Abdel-Wahab et al.
- Astrophaeriellaceae** Phook. et al.
Astrophaeriella Syd. & P. Syd.
Astrophaeriellopsis Phook. et al.
Javaria Boise
Pithomyces Berk. & Broome
Pteridiospora Penz. & Sacc.
- Bambusicolaceae** D.Q. Dai & K.D. Hyde
Bambusicola D.Q. Dai & K.D. Hyde
Palmiascoma Phook. & K.D. Hyde
- Biatrisporaceae** K.D. Hyde*
Biatrispora K.D. Hyde & Borse

- Camarosporiaceae** Wanas. et al.
Camarosporium Schulzer
Camarosporomyces Crous
- Camarosporidiellaceae** Wanas. et al.
Camarosporidiella Wanas. et al.
- Caryosporaceae** Huang Zhang et al.
Caryospora De Not.
- Coniothyriaceae** W.B. Cooke
Coniothyrium Corda
Hazslinszkyomyces Crous & R.K. Schumach.
Ochrocladosporium Crous & U. Braun
Staurospira Rabenh.*
- Corynesporascaceae** Sivan.
Corynespora Güssow
- Cryptocoryneaceae** A. Hashim. & Kaz. Tanaka
Cryptocoryneum Fuckel
- Cucurbitariaceae** G. Winter (= *Fenestellaceae* M.E. Barr)*
Cucurbitothis Petr.
Cucurbitaria Gray
Curreya Sacc.
Fenestella Tul. & C. Tul.
Neocucurbitaria Wanas. et al.
Pleurostromella Petr.
Pyrenochaeta De Not.
Pyrenochaetopsis Gruyter et al.
Rhytidiella Zalasky
Syncarpella Theiss. & Syd.
- Cyclothyriellaceae** Jaklitsch & Voglmayr
Cyclothyriella Jaklitsch & Voglmayr
Massariosphaeria (E. Müll.) Crivelli
- Dacampiaceae** Körb.
Aaosphaeria Aptroot
Dacampia A. Massal.
Leptocurthis Aptroot
Pseudonitschkia Coppins & S.Y. Kondr
Pyrenidium Nyl.
Weddellomyces D. Hawksw.
- Delitschiaceae** M.E. Barr
Delitschia Auersw.
Ohleriella Earle
Semidelitschia Cain & Luck-Allen
- Diademaceae** Shoemaker & C.E. Babc.
Diadema Shoemaker & C.E. Babc.
Diademosia Shoemaker & C.E. Babc.
- Dictyosporiaceae** Boonmee & K.D. Hyde
Aquadictyospora Z.L. Luo et al.*
- Cheirosporium* L. Cai & K.D. Hyde
Dendryphiella Bubák & Ranoj.
Dictyocheirospora D'souza et al.
Dictyopalmispora Pinruan et al.
Dictyosporium Corda
Digitodesmium P.M. Kirk
Gregarithecium Kaz. Tanaka & K. Hiray.
Jalapriya D'souza et al.
Pseudocoleophoma Kaz. Tanaka & K. Hiray.
Pseudodictyosporium Matsush.
Vikalpa D'souza et al.
- Didymellaceae** Gruyter et al.
Allophoma Q. Chen & L. Cai
Ascochyta Lib.
Boeremia Aveskamp et al.
Calophoma Q. Chen & L. Cai
Chaetasbolisia Speg.
Didymella Sacc. ex D. Sacc.
Didymellocomarosporium Wijayaw. & K.D. Hyde
Didysimulans Tibpromma et al.
Endocoryneum Petr.
Epicoccum Link
Heterophoma Q. Chen & L. Cai
Leptosphaerulina McAlpine
Macroventuria Aa
Mixtura O.E. Erikss. & J.Z. Yue
Monascostroma Höhn.
Neoascochyta Q. Chen & L. Cai
Neodidymelliopsis Q. Chen & L. Cai
Nothophoma Q. Chen & L. Cai
Paraboeremia Q. Chen & L. Cai
Peyronellaea Gold. ex Togliani
Phaeomyocentrospora Crous et al.
Phoma Sacc.
Phomatodes Q. Chen & L. Cai
Platychora Petr.
Pseudohendersonia Crous & M.E. Palm
Stagonosporopsis Died.
Xenodidymella Q. Chen & L. Cai
- Didymosphaeriaceae** Munk
Alloconiothyrium Verkley & Stielow
Barraria Z.Q. Yuan
Bimuria D. Hawksw. et al.
Deniquelata Ariyaw. & K.D. Hyde
Didymocrea Kowalski
Didymosphaeria Fuckel
Julella Fabre
Kalmusia Niessl
Kalmusibambusa Phook. et al.*
Karstenula Speg.
Laburnicola Wanas. et al.
Letendreaea Sacc. (= *Wilmia* Dianese et al.)

- Montagnula* Berl.*
Neodidymella Phook. et al.
Neokalmusia Kaz. Tanaka et al.
Paracamarosporium Wijayaw. & K.D. Hyde
Paraconiothyrium Verkley
Paramassariosphaeria Wanas. et al.
Paraphaeosphaeria O.E. Erikss.
Phaeodothis Syd. & P. Syd.[#]
Pseudocamarosporium Wijayaw. & K.D. Hyde
Pseudopithomyces Ariyaw. & K.D. Hyde
Sporidesmiella P.M. Kirk
Tremateia Kohlm. et al.
Verrucoconiothyrium Crous
Xenocamarosporium Crous & M.J. Wingf.
- Dothidotthiaceae** Crous & A.J.L. Phillips
Dothidotthia Höhn.
Muellerites L. Holm
Thyrostroma Höhn.
- Fuscostagonosporaceae** Jayasiri et al.*
Fuscostagonospora Kaz. Tanaka & K. Hiray.
- Halojulellaceae** Suetrong et al.
Halojulella Suetrong et al.
- Halotthiaceae** Ying Zhang et al.
Brunneoclavispora Phook. & K.D. Hyde
Halotthia Kohlm.
Mauritiana Poonyth et al.
Neolophiostoma S. Boonmee & K.D. Hyde
Phaeoseptum Ying Zhang et al.
Pontoporeia Kohlm.
Sulcosporium Phook. & K.D. Hyde
- Hermatomycetaceae** Locq.
Hermatomyces Speg.
- Hypsostromataceae** Huhndorf
Hypsostroma Huhndorf
- Latoruaceae** Crous
Latorua Crous
Matsushimamyces Rahul Sharma & Rohit Sharma
Pseudoasteromassaria M. Matsum. & Kaz. Tanaka
- Lentitheciaceae** Yin. Zhang et al.
Darksidea D.G. Knapp et al.
Katumotoa Kaz. Tanaka & Y. Harada
Lentithecium K.D. Hyde et al.
Murilentithecium Wanas. et al.
Neophiosphaerella Kaz. Tanaka & K. Hiray.
Phragmocamarosporium Wijayaw. et al.
Pleurophoma Höhn.
Poaceascoma Phook. & K.D. Hyde
Setoseptoria Quaedvl. et al.
Tingoldiogo K. Hiray. & Kaz. Tanaka
- Towyspora* Wanas. et al.
- Leptosphaeriaceae** M.E. Barr
Acicuseptoria Quaedvl. et al.
Alloleptosphaeria Ariyaw. et al.
Alternariaster E.G. Simmons
Chaetoplea (Sacc.) Clem.
Heterosporicola Crous
Leptosphaeria Ces. & De Not.
Paraleptosphaeria Gruyter et al.
Plenodomus Preuss
Querciphoma Crous*
Subplenodomus Gruyter et al.
- Libertasomycetaceae** Crous*
Libertasomyces Crous & Roets
Neoplatysporoides Crous & M.J. Wingf.
- Ligninsphaeriaceae** K.D. Hyde & Ariyaw.
Ligninsphaeria J.F. Zhang et al.
- Lindgomycetaceae** K. Hiray. et al.
Arundellina Wanas. et al.
Clohesyomyces K.D. Hyde
Hongkongmyces Tsang et al.
Lindgomyces K. Hiray. et al.
Lolia Abdel-Aziz & Abdel-Wahab
- Longipedicellataceae** Phukhams. et al.
Longipedicellata H. Zhang et al.
Pseudoxylomyces Kaz. Tanaka & K. Hiray.
- Lophiostomataceae** Sacc.
Alpestrisphaeria Thambug. & K.D. Hyde
Biappendiculispora Thambug. et al.
Capulatispora Thambug. et al.
Coelodictyosporium Thambug. & K.D. Hyde
Decaisnella Fabre
Dimorphiopsis Crous
Guttulispora Thambug. et al.
Lophiohelichrysum Dayarathne et al.
Lophiopoacea Ariyaw. et al.
Lophiostoma Ces. & De Not.
Neotrematosphaeria Thambug. et al.
Paucispora Thambug. et al.
Platystomum Trevis.
Pseudolophiostoma Thambug. et al.
Pseudoplatystomum Thambug. & K.D. Hyde
Sigarispora Thambug. & K.D. Hyde
Tumularia Descals & Marvanová
Vaginatisspora K.D. Hyde
- Lophiotremataceae** K. Hiray. & Kaz.
Atrocalyx A. Hashim. & Kaz. Tanaka
Crassimassarina A. Hashim. & Kaz. Tanaka
Cryptoclypeus A. Hashim. & Kaz. Tanaka

- Galeaticarpa* A. Hashim. & Kaz. Tanaka
Lophiotrema Sacc.
Pseudocryptoclypeus A. Hashim. & Kaz. Tanaka
- Macrodiplodiopsidaceae** Voglmayr et al.
Macrodiplodopsis Petr.
Pseudomonodictys Doilom et al.
- Massariaceae** Nitschke
Massaria De Not.
Neomassaria Mapook et al.
- Massarinaceae** Munk
Bambusistroma D.Q. Dai & K.D. Hyde
Helminthosporium Link
Longiostiolum Doilom et al.
Massarina Sacc.
Pseudodidymosphaeria Thambug. & K.D. Hyde
Pseudosplanchnonema Chethana & K.D. Hyde
Semifissispora H.J. Swart*
Stagonospora (Sacc.) Sacc.
Suttonomyces Wijayaw. et al.
- Melanommataceae** G. Winter (= *Pseudodidymellaceae* A. Hashim. & Kaz. Tanaka)
Alpinaria Jaklitsch & Voglmayr
Aposphaeria Sacc.
Asymmetricospora J. Fröhl. & K.D. Hyde
Bertiella (Sacc.) Sacc. & P. Syd.
Bicrouania Kohlm. & Volkm.-Kohlm.
Byssosphaeria Cooke
Calyptronectria Speg.
Exosporiella P. Karst.
Fusiconidium J.F. Li et al.*
Herpotrichia Fuckel
Mamillisphaeria K.D. Hyde et al.
Melanocamarosporium Wijayaw. et al.
Melanomma Nitschke ex Fuckel
Muriformistrickeria Q. Tian et al.
Mycodidymella C.Z. Wei et al.
Petrakia Syd. & P. Syd.
Phragmocephala E.W. Mason & S. Hughes
Pleotrichocladium Hern.-Restr. et al.
Praetumpfia Jaklitsch & Voglmayr
Pseudodidymella C.Z. Wei et al.
Pseudostrickeria Q. Tian et al.
Sarimanas M. Matsum. et al.
Seifertia Partr. & Morgan-Jones
Xenostigmina Crous
- Microsphaeropsisaceae** Q. Chen et al.
Microsphaeropsis Höhn.
- Morosphaeriaceae** Suetrong et al.
Aquilomyces D.G. Knapp et al.
Clypeolocus Kaz. Tanaka & K. Hiray.
- Helicascus* Kohlm.
Morosphaeria Suetrong et al.
- Mycoporaceae** Zahlbr.
Mycoporum Flot. ex Nyl.
- Neocamarosporiaceae** Wanas. et al.*
Dimorphosporicola Crous
Neocamarosporium Crous & M.J. Wingf.
- Neohendersoniaceae** Giraldo & Crous
Neohendersonia Petr.
- Neophaeosphaeriaceae** Ariyaw. et al.
Neophaeosphaeria M.P.S. Câmara et al.
- Nigrogranaceae** Jaklitsch & Voglmayr
Nigrograna Gruyter et al.
- Occultibambusaceae** D.Q. Dai & K.D. Hyde
Neooccultibambusa Doilom & K.D. Hyde
Occultibambusa D.Q. Dai & K.D. Hyde
Seriascoma Phook. et al.
Versicolorisporium Sat. Hatak. et al.
- Ohleriaceae** Jaklitsch & Voglmayr
Ohleria Fuckel.
- Parabambusicolaceae** Kaz. Tanaka & K. Hiray.
Aquastroma Kaz. Tanaka & K. Hiray.
Multilocularia Phook.
Multiseptospora Phook. & K.D. Hyde
Neoaquastroma Wanas. et al.*
Parabambusicola Kaz. Tanaka & K. Hiray.
- Paradictyoarthriniaceae** Doilom et al.
Paradictyoarthrinium Matsush.
- Periconiaceae** Nann.
Periconia Tode
- Phaeosphaeriaceae** M.E. Barr
Acericola Wanas. et al.*
Allophaeosphaeria Ariyaw. et al.
Amarenographium O.E. Erikss.
Aphanostigme Syd.*
Ampelomyces Ces. ex Schldtl.
Banksiophoma Crous
Bricookea M.E. Barr
Camarosporioides W.J. Li & K.D. Hyde
Chaetosphaeronema Moesz
Dematiopleospora Wanas. et al.
Didymocyrtis Vain.
Edenia M.C. González et al.
Equiseticola Abdelsalam et al.
Eudarlucia Speg.
Galiicola Tibpromma et al.
Juncaceicola Tennakoon et al.

- Leptospora* Rabenh.
Loratospora Kohlm. & Volkm.-Kohlm.
Melnikia Wijayaw. et al.
Muriphaeosphaeria Phukhams. et al.
Neosetophoma Gruyter et al.
Neosphaerellopsis Crous & Trakun.
Neostagonospora Quaedvl. et al.
Neosulcatispora Crous & M.J. Wingf.
Nodulosphaeria Rabenh.
Ophiobolus Riess
Ophiobolopsis Phook. et al.*
Ophiosphaerella Speng.
Ophiosimulans Tibpromma et al.
Paraophiobolus Phook. et al.*
Paraphoma Morgan-Jones & J.F. White
Parastagonospora Quaedvl. et al.
Phaeopoacea Thambug. et al.*
Phaeosphaeria I. Miyake
Phaeosphaeriopsis M.P.S. Câmara et al.
Phaeostagonospora A.W. Ramaley
Poaceicola W.J. Li et al.
Populocrescentia Wanas. et al.
Pseudoophiobolus Phook. et al.*
Pseudophaeosphaeria Jayasiri et al.
Scolicosporium Lib. ex Roum.
Septoriella Oudem.
Setomelanomma M. Morelet
Setophoma Gruyter et al.
Sulcispota Shoemaker & C.E. Babc.
Tiarospora Sacc. & Marchal
Vagicola K.W.T. Chethana & K.D. Hyde
Vrystaatia Quaedvl. et al.
Wojnowicia Sacc.
Wojnowiciella Crous et al.
Xenoseptoria Quaedvl. et al.
Yunnanensis Karun. et al.*
- Pleomassariaceae** M.E. Barr
Beverwykella Tubaki
Lichenopyrenis Calat. et al.
Myxocyclus Riess
Peridiothelia D. Hawksw.
Prosthemium Kunze
Pseudotrichia Kirschst.
Splanchnonema Corda
- Pleomonodictydaceae** Hern.-Restr. et al.
Pleomonodictys Hern.-Restr. et al.
- Pleosporaceae** Nitschke
Alternaria Nees
Bipolaris Shoemaker
Clathrospora Rabenh.
Comoclathris Clem.
- Curvularia* Boedijn
Decorospora Inderb. et al.
Exserohilum K.J. Leonard & Suggs
Extrawettsteinina M.E. Barr
Marielliottia Shoemaker
Paradendryphiella Woudenberg & Crous
Platysporoides (Wehm.) Shoemaker & C.E. Babc.
Pleoseptum A.W. Ramaley & M.E. Barr
Pseudoyuconia Lar.N. Vassiljeva
Pyrenophora Fr.
Stemphylium Wallr.
Tamaricicola Thambug. et al.
- Pseudoastrophaeriellaceae** Phook. & K.D. Hyde
Carinispora K.D. Hyde*
Pseudoastrophaeriella Phook. et al.
- Pseudocoleodictyosporaceae** Doilom & K.D. Hyde*
Pseudocoleodictyospora Doilom & K.D. Hyde
Subglobosporium Doilom & K.D. Hyde
- Rousoellaceae** J.K. Liu et al.*
Appendispora K.D. Hyde
Cytoplea Bizz. & Sacc.
Elongatopedicellata J.F. Zhang et al.
Immotthia M.E. Barr*
Neorousoella J.K. Liu et al.
Rousoella Sacc.
Rousoellopsis I. Hino & Katum.
- Salsugineaceae** K.D. Hyde & Tibpromma
Acrocardiopsis Borse & K.D. Hyde
Salsuginea K.D. Hyde
- Shiraiaceae** Y.X. Liu et al.
Grandigallia M.E. Barr et al.
Shiraia Henn.
- Sporormiaceae** Munk
Chaetopreussia Locq.-Lin.
Neomassarina Phook. et al.
Pleophragmia Fuckel
Preussia Fuckel
Sporormia De Not.
Westerdykella Stolk
- Sulcatisporaceae** Kaz. Tanaka & K. Hiray.
Magnicamarosporium Kaz. Tanaka & K. Hiray.
Sulcatispora Kaz. Tanaka & K. Hiray.
- Teichosporaceae** M.E. Barr
Aurantiascoma Thambug. & K.D. Hyde
Chaetomastia (Sacc.) Berl.
Floricola Kohlm. & Volkm.-Kohlm.
Loculohypoxylon M.E. Barr
Magnibotryascoma Thambug. & K.D. Hyde
Misturatosphaeria Mugambi & Huhndorf

- Neocurreya* Thambug. & K.D. Hyde
Pseudoaurantiascoma Thambug. & K.D. Hyde
Ramusculicola Thambug. & K.D. Hyde
Sinodidymella J.Z. Yue & O.E. Erikss.
Paulkirkia Wijayaw. et al.
Teichospora Fuckel
- Testudinaceae** Arx*
Angustospora Abdel-Aziz
Lepidosphaeria Parg.-Leduc
Lojkania Rehm*
Muritestudina Wanas. et al.*
Neotestudina Segretain & Destombes
Testudina Bizz.
Ulospora D. Hawksw. et al.
- Tetraplosphaeriaceae** Kaz. Tanaka & K. Hiray
Ernakulamia Subram.
Polyplosphaeria Kaz. Tanaka & K. Hiray
Quadricrura Kaz. Tanaka et al.
Tetraplosphaeria Kaz. Tanaka & K. Hiray
Triplosphaeria Kaz. Tanaka & K. Hiray
- Thyridariaceae** Q. Tian & K.D. Hyde
Thyridaria Sacc.
Parathyridaria Jaklitsch & Voglmayr
- Torulaceae** Corda
Dendryphion Wallr.
Neotorula Ariyaw. et al.
Sporidesmioides J.F. Li et al.
Torula Pers.
- Trematosphaeriaceae** K.D. Hyde et al.
Bryosphaeria Döbbeler
Falciformispora K.D. Hyde
Hadrospora Boise
Halomassarina Suetrong et al.
Medicopsis Gruyter et al.
Trematosphaeria Fuckel *
- Wicklowiaceae** Ariyaw. & K.D. Hyde
Wicklowsia Raja et al.
- Zopfiaceae** G. Arnaud ex D. Hawksw.
Celtidia J.M. Janse
Coronopapilla Kohlm. & Volkm.-Kohlm.
Rechingeriella Petr.
Richonia Boud.
Zopfia Rabenh.
Zopfiofoveola D. Hawksw.
- Pleosporales** genera *incertae sedis*
Aegeanispora E.B.G. Jones & Abdel-Wahab*
Antealophiotrema A. Hashim. & Kaz. Tanaka
Ascorhombispora L. Cai & K.D. Hyde
Atradidymella Davey & Currah
- Bactrodesmium* Cooke
Bahusandhika Subram.
Briansuttonia R.F. Castañeda et al.
Camarographium Bubák
Cerebella Ces.
Chaetodiplodia P. Karst.
Chaetophoma Cooke
Cheiromoniliophora Tzean & J.L. Chen
Clematidis Tibpromma
Crassiparies M. Matsum. et al.
Cyclothyrium Petr.
Dangeardiella Sacc. & P. Syd.
Daruvedia Dennis
Dokmaia I. Promputtha
Farasanispora Abdel-Wahab et al.
Foliophoma Crous*
Fusculina Crous & Summerell
Glaxoa P.F. Cannon
Gordonomyces Crous & Marinc.
Heleiosa Kohlm. et al.
Inflatipora Y. Zhang ter et al.
Isthmosporella Shearer & J.L. Crane
Megacapitula J.L. Chen & Tzean
Mycocentrospora Deighton
Navicella Fabre
Noosia Crous et al.
Ostropella (Sacc.) Höhn.
Paraepicoccum Matsush.
Paraliomyces Kohlm.
Parameliola Hongsanan et al.
Perthomyces Crous
Phialophorophoma Linder
Pleiochaeta (Sacc.) S. Hughes
Pleosphaerellula Naumov & Czerepan.
Polyschema H.P. Upadhyay
Pseudochaetosphaeronema Punith.
Pseudolophiotrema A. Hashim. & Kaz. Tanaka
Pseudopassalora Crous
Rebentischia P. Karst.
Repetophragma Subram.
Rutola J.L. Crane & Schokn.
Scleroramularia Batzer & Crous
Scolecobasidium E.V. Abbott
Setophaeosphaeria Crous & Y. Zhang ter
Sirodesmium De Not.
Spiroplana Voglmayr et al.
Stuartella Fabre
Xenolophium Syd.
- Pleosporomycetidae** genera *incertae sedis*
Acrogenospora M.B. Ellis
Hysterographium Corda

Dothideomycetes orders *incertae sedis***Abrothallales** Pérez-Ortega & Suija**Abrothallaceae** Pérez-Ortega & Suija*Abrothallus* De Not**Acrospermales** Minter et al.**Acrospermaceae** Fuckel*Acrospermum* Tode*Gonatophragmium* Deighton*Oomyces* Berk. & Broome**Asterinales** M.E. Barr ex D. Hawksw. & O.E. Erikss. (=*Asterotexales* Firmino et al.)***Asterinaceae** Hansf. (= *Lembosiaceae* Hosag.)*Asterina* Lév.*Asterinella* Theiss.*Asterolibertia* G. Arnaud**Batistinula* Arx*Blastacervulus* H.J. Swart*Cirsosia* G. Arnaud*Discopycnothyrium* Hongsanan & K.D. Hyde*Echidnodella* Theiss. & Syd.*Echidnodes* Theiss. & Syd.*Halbania* Racib.*Lembosia* Lév.*Meliolaster* Höhn.*Parasterinopsis* Bat.*Pirozynskiella* S. Hughes*Platypeltella* Petr.*Prillieuxina* G. Arnaud*Schenckiella* Henn.*Trichasterina* G. Arnaud*Trichopeltospora* Bat. & Cif.*Uleothyrium* Petr.*Vizellopsis* Bat. et al.**Asterotexaceae** Firmino et al.*Asterotexis* Arx**Asterinales** genera *incertae sedis**Buelliella* Fink*Hazslinszkya* Körb.*Karschia* Körb.*Melanographa* Müll. Arg.*Melaspilella* (P. Karst.) Vain.*Stictographa* Mudd**Botryosphaeriales** C.L. Schoch et al.**Aplosporellaceae** Slippers et al.*Alanomyces* Sharma**Aplosporella* Speg.*Bagnisiella* Speg.**Botryosphaeriaceae** Theiss. & H. Syd.**Alanphillipsia* Crous & M.J. Wingf.*Auerswaldiella* Theiss. & Syd.*Barriopsis* A.J.L. Phillips & Crous*Botryobambusa* Phook. et al.*Botryosphaeria* Ces. & De Not.*Coccostromella* Petr.*Cophinforma* Doilom et al.*Diplodia* Fr.*Dothiorella* Sacc.*Eutiarospora* Crous*Lasiodiplodia* Ellis & Everh.*Macrophomina* Petr.*Marasasiomyces* Crous*Metameris* Theiss. & Syd.*Mucoharknessia* Crous et al.*Myxophora* Döbbeler & Poelt**Neodeightonia* C. Booth*Neofusicoccum* Crous et al.*Neoscytalidium* Crous & Slippers*Phaeobotryon* Theiss. & Syd.*Phyllachorella* Syd.*Pilgeriella* Henn.**Sakireeta* Subram. & K. Ramakr.*Sardiniella* Linaldeddu et al.*Sivanesania* W.H. Hsieh & C.Y. Chen*Sphaeropsis* Sacc.*Tiarospora* Höhn.*Vestergrenia* Rehm**Endomelanconiopsisaceae** Tao Yang & Crous*Endomelanconiopsis* E.I. Rojas & Samuels**Melanopsaceae** Phillips et al.*Melanops* Nitschke ex Fuckel**Phyllostictaceae** Fr.*Leptoguignardia* E. Müll.*Phyllosticta* Pers.**Planistromellaceae** M.E. Barr*Kellermania* Ellis & Everh.*Planistroma* A.W. Ramaley*Umthunziomyces* Crous & M.J. Wingf.**Pseudofusicoccumaceae** Yao Tan & Crous*Pseudofusicoccum* Mohali**Saccharataceae** Slippers et al.*Saccharata* Denman & Crous*Neoseptorioides* Crous et al.**Septorioideaceae***Septorioides* Quaedvl. et al.***Catinellales** Ekanayaka et al.**Catinellaceae** Ekanayaka et al.*Catinella* Boud.*

Collemopsidiales Perez-Ortega et al.

Xanthopyreniaceae Zahlbr.

Collemopsidium Nyl.

Didymellopsis (Sacc.) Clem. & Shear

Zwackhiomyces Grube & Hafellner

Dyfroglomycetales K.L. Pang et al.

Pleurotremataceae Walt. Watson (= *Dyfroglomycetaceae* K.D. Hyde et al.)*

Dyfroglomyces K.D. Hyde et al.

Melomastia Nitschke ex Sacc.

Pleurotrema Müll. Arg.

Eremithallales Lücking & Lumbsch

Melaspileaceae W. Watson (= *Eremithallaceae* Lücking & Lumbsch)*

Encephalographa A. Massal.

Eremithallus Lücking et al.

Melaspilea Nyl.

Melaspileopsis (Müll. Arg.) Ertz & Diederich

Jahnulales Pang et al.

Aliquandostipitaceae Inderbitzin

Aliquandostipite Inderbitzin

Brachiosphaera Nawawi

Jahnula Kirschst.

Megalohypha A. Ferrer & Shearer

Patescospora Abdel-Wahab & El-Sharouny

Xylomyces Goos et al.

Manglicolaceae Suetrong & E.B.G. Jones

Manglicola Kohlm. & E. Kohlm.

Kirschsteiniotheliales Hern.-Restr. et al.

Kirschsteiniotheliaceae Boonmee & K.D. Hyde

Kirschsteiniothelia D. Hawksw.

Kirschsteiniotheliales genera *incertae sedis*

Brachysporiella Bat. (*Brachysporiella s. lato.*)

Lichenoconiales Diederich et al.

Lichenoconiaceae Diederich & Lawrey

Lichenonium Petr. & Syd.

Lichenotheliales K. Knudsen et al.

Lichenotheliaceae Henssen

Lichenothelia D. Hawksw.

Microthyriales G. Arnaud

Microthyriaceae Sacc.

Arnaudiella Petr.

Calothyriopsis Höhn.

Caribaeomyces Cif.

Chaetothyriotheceum Hongsanan & K.D. Hyde

Hansfordiella S. Hughes

Microthyrium Desm.

Palawania Syd. & P. Syd.

Seynesiella G. Arnaud

Tumidispora Hongsanan & K.D. Hyde

Minutisphaerales Raja et al.

Minutisphaeraceae Raja et al.

Minutisphaera Shearer

Monoblastiales Lücking et al.

Monoblastiaceae Walt. Watson

Acrocordia A. Massal.

Anisomeridium (Müll. Arg.) M. Choisy

Caprettia Bat. & H. Maia

Megalotremis Aptroot

Monoblastia Riddle

Trypetheliopsis Asahina

Muyocoprionales Mapook et al.

Muyocoproneae K.D. Hyde

Muyocopron Speg.

Natipusillales Raja et al.

Natipusillaceae Raja et al.

Natipusilla A. Ferrer

Patellariales D. Hawksw. & O.E. Erikss.

Patellariaceae Corda

Baggea Auersw.

Banhegyia L. Zeller & Tóth*

Colensoniella Hafellner

Endotryblidium Petr.

Glyphium Nitschke ex F. Lehm.

Haematomyxa Sacc*

Hysteropatella Rehm*

Hysteropeltella Petr.*

Lahmiomyces Cif. & Tomas.*

Rimula Velen.*

Holmiella Petrini et al.

Lecanidiella Sherwood

Lirellodisca Aptroot

Murangium Seaver

Patellaria Fr.

Poetschia Körb.

Pseudoparodia Theiss. & Syd.

Rhizodiscina Hafellner

Schrakia Hafellner

Stratisporella Hafellner

Tryblidaria (Sacc.) Sacc.

Phaeotrichales Ariyaw. et al.

Phaeotrichaceae Cain

Echinoascotheca Matsush.

Phaeotrichum Cain & M.E. Barr

Trichodelitschia Munk

Stigmatodiscales Voglmayr & Jaklitsch

Stigmatodiscaceae Voglmayr & Jaklitsch

- Asterodiscus* Voglmayr et al.
Stigmatodiscus Voglmayr & Jaklitsch
- Strigulales** Lücking et al.
Strigulaceae Zahlbr.
Flavobathelium Lücking et al.
Oletheriostrigula Huhndorf & R.C. Harris
Phyllobathelium (Müll. Arg.) Müll. Arg
Phyllocratera Sérus. & Aptroot
Strigula Fr.
- Superstratomycetales** van Nieuwenhuijzen et al.
Superstratomycetaceae van Nieuwenhuijzen et al.
Superstratomyces van Nieuwenhuijzen et al.
- Trypetheliales** Lücking et al.
Polycoccaceae Ertz et al.
Clypeococcum D. Hawksw.
Polycoccum Saut. ex Körb.
- Trypetheliaceae** Zenker
Alloarthopyrenia Phukhams. et al.
Aptrootia Lücking & Sipman
Architrypethelium Aptroot
Astrothelium Eschw.
Bathelium Ach.
Bogoriella Zahlbr.
Constrictolumina Lücking et al.
Dictyomeridium Aptroot et al.
Distothelia Aptroot
Marcelaria Aptroot
Nigrovothelium Lücking et al.
Novomicrothelia Aptroot et al.*
Polymeridium (Müll. Arg.) R.C. Harris
Polypyrenula D. Hawksw.
Pseudopyrenula Müll. Arg.
Trypethelium Sprengel
Viridothelium Lücking et al.
- Tubeufiales** Boonmee & K.D. Hyde*
Bezerromycetaceae J.D.P. Bezerra et al.
Bezerromyces J.D.P. Bezerra et al.
- Tubeufiaceae** M.E. Barr
Acanthohelicospora Boonmee & K.D. Hyde
Acanthophiobolus Berl.
Acanthostigma De Not.
Acanthostigmia Höhn.
Aquaphila Goh et al.
Berkleasmiium Zobel
Bifrontia Norman
Boerlagiomyces Butzin
Chaetosphaerulina I. Hino
Chlamydotubeufia Boonmee & K.D. Hyde
Dictyospora Brahamanage et al.*
Helicangiospora Boonmee et al.
- Helicoma* Corda
Helicomycetes Link
Helicosporium Nees
Kamalomyces R.K. Verma et al.
Muripulchra Z.L. Luo et al.*
Neoacanthostigma Boonmee et al.
Neohelicomyces Z.L. Luo et al.*
Neotubeufia Chaiwan et al.*
Podonectria Petch
Tamhinishpora Rajeshkumar & Rahul Sharma
Thaxteriella Petr.
Thaxteriellopsis Sivan. et al.
Tubeufia Penz. & Sacc.
- Wiesneriomycetaceae** Suetrong et al.
Parawiesneriomyces Crous & M.J. Wingf.
Pseudogliophragma Phadke & V.G. Rao
Wiesneriomyces Koord.
- Valsariales** Jaklitsch et al.
Valsariaceae Jaklitsch et al.
Myrmaecium Nitschke ex Fuckel
Valsaria Ces. & De Not.
- Venturiales** Y. Zhang ter et al.
Sympoventuriaceae Y. Zhang ter et al.
Acroconidiellina M.B. Ellis
Sympoventuria Crous & Seifert
- Venturiaceae** E. Müll. & Arx ex M.E. Barr
Apiosporina Höhn.
Atopospora Petr.
Caproventuria U. Braun
Coleroa (Fr.) Rabenh.
Dimeriella Speg.*
Magnohelicospora R.F. Castañeda et al.
Metacoleroa Petr.
Neocoleroa Petr.*
Protoventuria Berl. & Sacc.
Pseudoparodiella F. Stevens
Tyrannosorus Unter. & Malloch
Venturia Sacc.
- Venturiales** genus incertae sedis
Lasiobotrys Kunze
- Zeloasperisporiales** Hongsanan & K.D. Hyde
Zeloasperisporiaceae Crous
Zeloasperisporium R.F. Castañeda
- Dothideomycetes** families incertae sedis
Alinaceae Boonmee & K.D. Hyde*
Alina Racib.
- Argynnaceae** Shearer & J.L. Crane
Argynna Morgan
Lepidopterella Shearer & J.L. Crane

- Ascoporiaceae** Kutorga & D. Hawksw.
Ascoporia Samuels & A.I. Romero
- Aulographaceae** Luttr. ex P.M. Kirk et al.
Aulographum Lib.
Lembosiella Sacc.
Lembosina Theiss.
- Balladynaceae** Boonmee & K.D. Hyde*
Balladyna Racib.
Balladynocallia Bat.
Balladynopsis Theiss. & Syd.
- Cleistosphaeraceae** Boonmee & K.D. Hyde*
Cleistosphaera Syd. & P. Syd.
- Coccoideaceae** P. Henn. ex Sacc. & D. Sacc.
Coccoidea P. Henn.
Cocoidella Höhn.*
- Cookellaceae** Höhn. ex Saccardo & Trotter
Cookella Sacc.
Pycnoderma Syd. & P. Syd.
- Dimeriaceae** E. Müll. & Arx ex Arx & E. Müll.
Dimerium (Sacc. & P. Syd.) McAlpine*
- Dysrhynchisaceae** Boonmee & K.D. Hyde*
Dysrhynchis Clem.
- Englerulaceae** P. Henn.
Allosoma Syd.
Englerula P. Henn.
Goosia B. Song
Parenglerula Höhn.
Rhytidenglerula Höhn.
Schiffnerula Höhn.
Thrauste Theiss.
- Eremomycetaceae** Malloch & Cain
Eremomyces Malloch & Cain
Rhexothecium Samson & Mouch.
- Homortomycetaceae** Thambug. et al.
Homortomyces Crous & M.J. Wingf.
- Hyalomeliolinaceae** Boonmee & K.D. Hyde*
Hyalomeliolina F. Stevens
- Leptopeltidaceae** Höhn. ex Trotter
Dothiopeltis E. Müll.
Leptopeltis Höhn.
Nannfeldtia Petr.
Phacidina Höhn.
Ronnigeria Petr.
Stabilia Bat. & Peres
- Lizoniaceae** Boonmee & K.D. Hyde*
Lizonia (Ces. & De Not.) De Not.
- Meliolinaceae** S. Hughes
Meliolina Syd. & P. Syd.
- Mesnieraceae** Arx & E. Müll.
Bondiella Piroz.
Mesniera Sacc. & P. Syd.
Stegasphaeria Syd. & P. Syd.
- Naetrocymbaceae** Höhn. ex R.C. Harris
Jarxia D. Hawksw.
Leptorhaphis Körb.
Naetrocymbe Körb.
Tomasellia A. Massal.
- Nematotheciaceae** Boonmee & K.D. Hyde*
Nematothecium Syd. & P. Syd.
Nematostigma Syd. & P. Syd.
Ophioparodia Petr. & Cif.
- Neoparodiaceae** Boonmee & K.D. Hyde*
Neoparodia Petr. & Cif.
- Paranectriellaceae** S. Boonmee & K.D. Hyde
Araneomyces Höhn.
Puttemansia Henn.
- Parmulariaceae** E. Müll. & Arx ex M.E. Barr
Aldona Racib.
Aldonata Sivan. & A.R.P. Sinha
Aulacostroma Syd. & P. Syd.
Campoa Speg.
Cocconia Sacc.
Cycloschizon P. Henn.
Cyclostomella Pat.
Dothidasteroma Höhn.
Ferrarisia Sacc.
Hemigrapha (Müll. Arg.) D. Hawksw.
Hysterostomella Speg.
Inocyclus Theiss. & Syd.*
Kiehlia Viégas
Mintera Inácio & P.F. Cannon
Pachypatella Theiss. & Syd.
Palawaniella Doidge
Parmularia Lév.
Parmulariopsella Sivan.
Parmulariopsis Petr.
Parmulina Theiss. & Syd.
Placostromella Petr.
Polycyclina Theiss. & Syd.
Polycyclus Höhn.
Protothyrium G. Arnaud
Pseudolembosia Theiss.
Rhagadolobium P. Henn. & Lindau
Rhipidocarpon (Theiss.) Theiss. & Syd.
Symphaeophyma Speg.
Thallomyces H.J. Swart

- Viegasiella* Inácio & P.F. Cannon
- Parodiellaceae** Theiss. & H. Syd. ex M.E. Barr
Parodiella Speg.
- Perisporiopsidaceae** E. Müll. & Arx ex R. Kirschner & T.A. Hofm. (= *Parodiopsidaceae* Toro)*
Chevalieropsis G. Arnaud
Parodiellina Henn. ex G. Arnaud
Perisporiopsis Henn.
- Phaeodimeriaceae** Boonmee et al.*
Phaeodimeriella Speg.
- Pododimeriaceae** Boonmee & K.D. Hyde*
Chaetoscutula E. Müll.
Pododimeria E. Müll.
- Polyclypeolinaceae** Boonmee & K.D. Hyde*
Polyclypeolina Bat. & I.H. Lima
- Polystomellaceae** Theiss. & H. Syd.
Dermatodothella Viégas
Dothidella Speg.
Munkiella Speg.
Parastigmatea Doidge
- Protoscyphaceae** Kutorga & D. Hawksw.
Protoscypha Syd.
- Pseudoperisporiaceae** Toro*
Bryomyces Döbbeler*
Eudimeriolum Speg.
Lasiostemma Theiss.
Nematostoma Syd. & P. Syd.
- Seynesiopeltidaceae** K.D. Hyde
Seynesiopeltis F. Stevens & R.W. Ryan
- Stomatogeneaceae** Boonmee & K.D. Hyde*
Stomatogene Theiss.
- Toroaceae** Boonmee & K.D. Hyde*
Toroa Syd.
- Trichopeltinaceae** Bat. et al.
Acrogenotheca Cif. & Bat.
Brefeldiella Speg.
Saccardinula Speg.
Trichopeltella Höhn.
Trichopeltheca Bat.
Trichopeltina Theiss.
Trichothyrynula Petr.
- Vizellaceae** H.J. Swart
Blasdalea Sacc. & P. Syd.
Licopolia Sacc. et al.*
Vizella Sacc.
- Dothideomycetes genera incertae sedis**
Acanthorus Bat. & Cavalc.
Acanthostigmella Höhn.
Achorella Theiss. & Syd.
Allonecte Syd.
Ampullifera Deighton
Arxiella Papendorf
Ascominuta Ranghoo & K.D. Hyde
Asterodothis Theiss.
Asteromassaria Höhn.
Asteromella Pass. & Thüm.
Asteroporum Müll. Arg.
Auerswaldia Sacc.
Bahusakala Subram.
Belizeana Kohlm. & Volkm.
Botryochora Torrend
Botryohypoxylon Samuels & J.D. Rogers
Brachyconidiella R.F. Castañeda & W.B. Kendr.
Brooksia Hansf.
Bryorella Döbbeler
Bryostroma Döbbeler
Bryothele Döbbeler
Byssocallis Syd.
Byssogene Syd.
Calyptra Theiss. & Syd.
Capillatasporea K.D. Hyde
Catulus Malloch & Rogerson
Ceratophoma Höhn.
Cercidospora Körb.
Cerodothis Muthappa
Chaetocrea Syd.
Chaetosticta Petr. & Syd.
Chionomyces Deighton & Piroz.
Chuppia Deighton
Cladoriella Crous
Clavariopsis De Wild.
Coccochora Höhn.
Coccochorina Hara
Coccodothis Theiss. & Syd.
Comesella Speg.
Comminutispora A.W. Ramaley
Crauatamyces Viégas
Cryomyces Selbmann et al.
Dactuliophora C.L. Leakey
Dawsomyces Döbbeler
Dawsophila Döbbeler
Dermatodothis Racib. ex Theiss. & Syd.
Dianesea Inácio & P.F. Cannon
Didymocyrtidium Vain.
Didymoplella Munk
Dilophospora Desm.
Diplochorina Gutner
Dothichiza Lib. ex Roum.

- Dothidasteromella* Höhn.
Dothideopsella Höhn.
Dothivalsaria Petr.
Dubitatio Speg.
Dubujiana D.R. Reynolds & G.S. Gilbert
Elmerinula Syd.
Endococcus Nyl.
Endosporium Tsuneda
Englerodothis Theiss. & Syd.
Eriomycopsis Speg.
Eriothyrium Speg.
Eumela Syd.*
Excipulariopsis P.M. Kirk & Spooner
Extrusothecium Matsush.
Funbolia Crous & Seifert
Fusicladiella Höhn.
Gibbago E.G. Simmons
Gibberidea Fuckel
Gilletiella Sacc. & P. Syd.
Globoa Bat. & H. Maia
Globulina Speg.
Gloeodiscus Dennis
Griggsia F. Stevens & Dalbey
Hansfordiellopsis Deighton
Harknessiella Sacc.
Hassea Zahlbr.
Heptameria Rehm & Thuem.
Heptaster Cif. et al.
Heteroconium Petr.
Heterosphaeriopsis Hafellner
Hobsoniopsis D. Hawksw.
Homostegia Fuckel
Hormiokrypsis Bat. & Nascim.
Hyalocrea Syd. & P. Syd.
Hyalosphaera F. Stevens
Hypobryon Döbbeler
Hysteropsis Rehm
Jaffuela Speg.
Kabatia Bubák
Koordersiella Höhn.
Kriegeriella Höhn.
Krishnamyces Hosag.
Kullhemia P. Karst.
Kusanobotrys P. Henn.
Lanatosphaera Matzer
Lautitia S. Schatz
Leveillina Theiss. & Syd.*
Lazarenkoa Zerova
Lembosiopeltis Bat. & J.L. Bezerra
Leptomeliola Höhn.*
Letendraelopsis K.F. Rodriguez & Samuels
Leveillilla Theiss. & Syd.
Lignosphaeria Boonmee et al.
Limaciniopsis Mend.
Lineolata Kohlm. & Volkm.-Kohlm.
Linopeltis I. Hino & Katum.*
Lucidascocharpa A. Ferrer et al.
Macrovalsaria Petr.
Maheshwaramyces Hosag.
Maireella Syd. & Maire
Malacaria Syd.
Manginula G. Arnaud
Massariola Füsting
Melioliphila Speg.
Microcyclella Theiss.
Microdothella Syd. & P. Syd.
Monoblastiopsis R.C. Harris & C.A. Morse
Monodictys S. Hughes
Montagnella Speg.
Moriolomyces Cif. & Tomas.
Mycocryptospora J. Reid & C. Booth
Mycoglaena Höhn.
Mycopepon Boise
Mycoporopsis Müll. Arg.
Mycothyridium Petr.
Myriangiopsis P. Henn.
Myriostigmella G. Arnaud
Mytilostoma P. Karst.
Neodactylaria Guevara-Suarez et al.
Neoovularia U. Braun
Neopeckia Sacc.
Neoramularia U. Braun
Neosporidesmium Mercado & J. Mena
Neottiosporina Subram.
Neoventuria Syd. & P. Syd.
Ocala Raja & Shearer
Omphalospora Theiss. & Syd.
Oncopodiella G. Arnaud ex Rifai
Ophiotrichum Kunze
Orthobellus Silva & Cavalc.*
Othia Nitschke ex Fuckel
Parmulariella P. Henn.
Paropodia Cif. & Bat.
Passeriniella Berl.
Passerinula Sacc.
Peltaster Syd. & P. Syd.
Peltasterella Bat. & H. Maia
Pendulispora M.B. Ellis
Perischizon P. Syd.
Peroschaeta Bat. & A.F. Vital
Phaeocyrtidula Vain.
Phaeopeltosphaeria Berl. & Peglion
Phaeoramularia Munt.-Cvetk.
Phaeosclera Sigler et al.
Phaeosperma Nitschke ex Fuckel
Phaeostigme Syd. & P. Syd.*

Phaeotomasellia Katum.
Phaneroococcus Cif.
Philobryon Döbbeler
Philonectria Hara
Phragmoscutella Woron. & Abramov ex Woron.
Phragmosperma Theiss. & Syd.
Phycorella Döbbeler
Physalosporopsis Bat. & H. Maia
Pirozynskia Subram.
Placodothis Syd.
Placosphaeria (De Not.) Sacc.
Plagiostromella Höhn.
Pleiomellina Bat. et al.
Plejobolus (E. Bommer et al.) O.E. Erikss.
Plenotrichaius Bat. & Valle
Pleotrichiella Sivan.
Pleuropassalora U. Braun et al.*
Podoplaconema Petr.
Polysporidiella Petr.
Polystomellosis F. Stevens
Proliferosphaera T.P. Devi
Pseudomorfea Punith.
Pseudopleospora Petr.
Pseudorobillarda M. Morelet
Pseudovirgaria H.D. Shin et al.
Punctillum Petr. & Syd.
Pycnocarpon Theiss.
Pyrenochium Link
Pyrenocyclus Petr.
Pyrenostigma Syd.
Quasiphloeospora B. Sutton et al.
Radulidium Arzanlou et al.
Ramulariopsis Speg.
Rhabdospora (Durieu & Mont. ex Sacc.) Sacc.
Rhizotexis Theiss. & Syd.
Rhopographus Nitschke ex Fuckel
Robilliardiella Takim.
Rosellinula R. Sant.
Rosenscheldia Speg.
Roumegueria (Sacc.) P. Henn.
Rupestriomyces Lei Su et al.
Sarcinomyces Lindner
Saxomyces L. Selbmann & D. Isola
Scirrhia Nitschke ex Fuckel
Scleroconidioma Tsuneda et al.
Scolecobonaria Bat.
Scolecocyphium Cif. & Bat.
Scolionema Theiss. & Syd.*
Semisphaeria K. Holm & L. Holm
Septoidium G. Arnaud
Shearia Petr.
Shivamyces Hosag.
Soloacrosporiella Crous & M.J. Wingf.

Speiropsis Tubaki
Spermatoloncha Speg.
Spissiomyces Lei Su et al.
Syrropeltis Bat. et al.
Taphrophila Scheuer
Teichosporella (Sacc.) Sacc.
Teratoschaeta Bat. & Fons.
Tetracrium Henn.
Thalassoascus Ollivier
Thelenidia Nyl.
Thryptospora Petr.
Tilakiella Srinivas.
Tomeoa I. Hino
Torulopsiella Bender
Trematosphaeriopsis Elenkin
Tretospora M.B. Ellis
Tropospora P. Karst.
Uredinophila Rossman
Vouauxiomyces Dyko & D. Hawks.
Westea H.J. Swart
Wettsteinina Höhn.
Xenomeris Syd.
Xenophacidiella Crous
Xenosporium Penz. & Sacc.
Xylopezia Höhn.
Yoshinagaia Henn.
Yoshinagella Höhn.

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

Subclass *Chaetothyriomycetidae* Doweld

Chaetothyriales M.E. Barr

Chaetothyriaceae Hansf. ex M.E. Barr

Actinocymbe Höhn.
Aphanophora Réblová & Unter.
Beelia F. Stevens & R.W. Ryan
Camptophora Réblová & Unter.
Ceramothyrium Bat. & H. Maia
Ceratocarpia Rolland
Chaetothyriomyces Pereira-Carvalho et al.
Chaetothyrium Speg.
Cyphellophoriella Crous & A.J. Sm.
Euceramia Bat. & Cif.
Microcallis Syd.
Phaeosaccardinula P. Henn.
Stanhughesia Constant.
Treubiomyces Höhn.
Vonarxia Bat.
Yatesula Syd. & P. Syd.

Coccodiniaceae Höhn. ex O.E. Erikss.

Coccodinium A. Massal.
Dennisiella Bat. & Cif.
Limacinula Höhn.

- Microxiphium* (Harv. ex Berk. & Desm.) Thüm.
- Cyphellophoraceae** Réblová & Unter.
Cyphellophora G.A. de Vries
- Epibryaceae** S. Stenroos & Gueidan
Epibryon Döbbeler
- Herpotrichiellaceae** Munk
Brycekendrickomyces Crous & M.J. Wingf.*
Capronia Sacc.
Cladophialophora Borelli
Exophiala J.W. Carmich.
Fonsecaea Negroni
Melanoctona Qing Tian et al.
Metulocladosporiella Crous et al.
Minimelanolocus R.F. Castañeda & Heredia
Nadsoniella Issatsch.
Phialophora Medlar
Pleomelogramma Speg.
Rhinocladiella Nannf.
Sorocybe Fr.
Thysanorea Arzanlou et al.
Veronaea Cif. & Montemart.
- Lyrommataceae** Lücking
Lyromma Bat.
- Microtheliopsidaceae** O.E. Erikss.
Microtheliopsis Müll. Arg.
- Pyrenotrichaceae** Zahlbr
Pyrenothrix Riddle
- Strelitzianaceae** Crous & M.J. Wingf.
Neophaeococcomyces Crous & M.J. Wingf.
Strelitziana Arzanlou & Crous
- Trichomeriaceae** Chomnunti & K.D. Hyde
Arthrocladium Papendorf
Bradomyces Hubka et al.
Knufia L.J. Hutchison & Unter.
Lithohypha Selbmann & Isola
Trichomerium Speg.
- Chaetothyriales** genera *incertae sedis*
Atrokyliodriopsis Y.R. Ma & X.G. Zhang
Lichenodiopsis Dyko & D. Hawksw.
Melnikomyces Crous & U. Braun
Neostrelitziana Crous & M.J. Wingf.
Paracladophialophora Crous
Pleostigma Kirschst.*
Uncispora R.C. Sinclair & Morgan-Jones
- Phaeomoniellales** K.H. Chen et al.
- Celotheliaceae** Lücking et al.
Celothelium A. Massal.
- Phaeomoniellaceae** P.M. Kirk
Aequabiliella Crous
Celerioriella Crous
Minutiella Crous
Neophaeomoniella Rooney-Latham & Crous
Paraphaeomoniella Crous
Phaeomoniella Crous & W. Gams
Pseudophaeomoniella Nigro et al.
Xenocylindrosporium Crous & Verkley
- Phaeomoniellales** genera *incertae sedis*
Moristroma A.I. Romero & Samuels
- Pyrenulales** Fink ex D. Hawksw. & O.E. Erikss.
- Pyrenulaceae** Rabenh.
Acrocordiella O.E. Erikss.
Anthracotheceum Hampe ex A. Massal.
Blastodesmia A. Massal.
Clypeopyrenis Aptroot
Distopyrenis Aptroot
Granulopyrenis Aptroot
Lithothelium Müll. Arg.
Mazaediotheceum Aptroot
Pyrenographa Aptroot
Pyrenowilmsia R.C. Harris & Aptroot
Pyrenula Ach.
Pyrgillus Nyl.
Sulcopyrenula H. Harada
- Pyrenulales** genera *incertae sedis*
Heufleridium Müll. Arg.
Rhaphidicyrtis Vain.
Rhexoampullifera P.M. Kirk
Stromatothelium Trevis.
Xenus Kohlm. & Volkm.-Kohlm.
- Verrucariales** Mattick ex D. Hawksw. & O.E. Erikss.
- Adelococcaceae** Triebel
Adelococcus Theiss. & Syd.
Pseudopyrenidium Nav.-Ros. et al.
Sagediopsis (Sacc.) Vain.
- Verrucariaceae** Zenker
Agonimia Zahlbr.
Anthracoarpon Breuss
Atla S. Savić & Tibell *
Awasthiella Kr.P. Singh
Bagliettoa A. Massal.
Bellemerella Nav.-Ros. & Cl. Roux
Catapyrenium Flot.
Clauzadella Nav.-Ros. & Cl. Roux
Clavascidium Breuss
Cocciscia Norman*
Dermatocarpon Eschw.
Endocarpon Hedw.

- Flakea* O.E. Erikss.
Gemmaspora D. Hawksw. & Halici
Glomerilla Norman
Haleomyces D. Hawksw. & Essl.
Henrica de Lesd.
Heterocarpon Müll. Arg.
Heteroplacidium Breuss
Hydropunctaria C. Keller et al.
Involucropyrenium Breuss
Lauderlindsaya J.C. David & D. Hawksw.
Mastodia Hook.f. & Harv. (= *Turgidosculum* Kohlm. & E. Kohlm.)
Merismatium Zopf
Moriola Norman
Muellerella Hepp
Neocatapyrenium H. Harada
Normandina Nyl.
Norrlinia Theiss. & Syd.
Parabagliettoa Gueidan & Cl. Roux
Phaeospora Hepp ex Stein
Phylloblastia Vain.
Placidiopsis Beltr.
Placidium A. Massal.
Placocarpus Trevis.
Placopyrenium Breuss
Placothelium Müll. Arg.
Plurisperma Sivan.
Polyblastia A. Massal.
Psoroglaena Müll. Arg.
Rhabdopsora Müll. Arg.
Scleropyrenium H. Harada
Servitia M.S. Christ. & Alstrup
Spheconisca (Norman) Norman
Sporodictyon A. Massal. *
Staurothele Norman
Teloggalla Nik. Hoffm. & Hafellner
Thelidiopsis Vain.
Thelidium A. Massal.
Trimmatothele Norman ex Zahlbr.
Verrucaria Schrad.
Verruculopsis Gueidan et al.
Wahlenbergiella Gueidan & Thüs
Willeya Müll. Arg.
- Verrucariales** genera *incertae sedis*
Botryolepraria Canals et al.
Kalbiana Henssen
- Chaetothyriomycetidae** families *incertae sedis*
Rhynchostomataceae Winka & O.E. Erikss.
Rhynchomeliola Speg.
Rhynchostoma P. Karst.
- Chaetothyriomycetidae** genera *incertae sedis*
- Dolabra* C. Booth & W.P. Ting
- Subclass *Coryneliomycetidae*** A.R. Wood et al.
Coryneliales Seaver & Chardon
Coryneliaceae Sacc. ex Berl. & Voglino
Caliciopsis Peck
Corynelia Ach.
Coryneliopsis Butin
Coryneliospora Fitzp.
Fitzpatrickella Benny et al.
Lagenulopsis Fitzp.
Tripodspora Sacc. ex Berl. & Vogl.
- Eremascaceae** Engl. & E. Gilg
Eremascus Eidam
- Subclass *Eurotiomycetidae*** Geiser & Lutzoni
Arachnomycetales Gibas et al.
Arachnomycetaceae Gibas et al.
Arachnomyces Massee & E.S. Salmon
Onychocola Sigler
- Eurotiales*** G.W. Martin ex Benny & Kimbr.
Aspergillaceae Link
Aspergillus P. Micheli ex Haller
Dichlaena Durieu & Mont.
Hamigera Stolk & Samson
Leiothecium Samson & Mouch.
Penicillioopsis Solms
Penicillium Link
Phialomyces P.C. Misra & P.H.B. Talbot
Warcupiella Subram.
Xeromyces Fraser
- Elaphomycetaceae*** Tul. ex Paol.
Elaphomyces Nees
Pseudotulostoma O.K. Miller & T. Henkel
- Monascaceae*** J. Schröt.
Monascus Tiegh.
- Thermoascaceae*** Apinis
Paecilomyces Bainier
Thermoascus Miehe
- Trichocomaceae*** E. Fisch.
Chaetotheca Zokal
Dendrosphaera Pat.
Neocarpenetes Udagawa & Uchiyama
Neopetromyces Frisvad & Samson
Neosartorya Malloch & Cain
Rasamsonia Houbraken & Frisvad
Sagenomella W. Gams
Talaromyces C.R. Benj.
Thermomyces Tsikl.
Trichocoma Jungh.
Xerochrysium Pitt

Onygenales Cif. ex Benny & Kimbr.

Ajellomycetaceae Unter. et al.

Blastomyces Gilchrist & W.R. Stokes

Histoplasma Darling

Paracoccidioides F.P. Almeida

Arthrodermataceae Currah

Arthroderma Curr. & Berk.

Ctenomyces Eidam

Epidermophyton Sabour.

Microsporium Gruby

Shanorella R.K. Benj.

Trichophyton Malmsten

Ascosphaeraceae L.S. Olive & Spiltoir

Arrhenosphaera Stejskal

Ascosphaera L.S. Olive & Spiltoir

Bettisia Skou

Gymnoascaceae Baran.

Aciascus Doweld

Amaurascopsis Guarro et al.

Arachniotus J. Schröt.

Gymnascella Peck

Gymnoascoideus G.F. Orr et al.

Gymnoascus Baran.

Kraurogymnocarpa Udagawa & Uchiyama

Mallochia Arx & Samson

Narasimhella Thirum. & P.N. Mathur

Oncocladium Wallr.

Orromyces Sur & G.R. Ghosh

Nannizziopsidaceae Guarro et al.

Nannizziopsis Currah

Onygenaceae Berk.

Amauroascus J. Schröt.

Aphanoascus Zukal

Apinisia La Touche

Arachnotheca Arx

Ascocalvatia Malloch & Cain

Auxarthron G.F. Orr & Kuehn

Auxarthronopsis Rahul Sharma et al.

Bifidocarpus Cano et al.

Byssoonygena Guarro et al.

Castanedomyces Cano et al.

Chlamydosauromyces Sigler et al.

Chrysosporium Corda

Coccidioides G.W. Stiles

Kuehniella G.F. Orr

Leucothecium Arx & Samson

Malbranchea Sacc.

Myotisia Kubátová et al.

Myriodontium Samson & Polon.

Neoarachnotheca Ulfig et al.

Neogymnomyces G.F. Orr

Onygena Pers.

Ophidiomyces Sigler et al.

Paranannizziopsis Sigler

Pectinotrichum Varsavsky & G.F. Orr

Polytolypa J.A. Scott & Malloch

Pseudoamauroascus Cano et al.

Renispora Sigler & J.W. Carmich.

Sporendonema Desm.

Testudomyces Solé et al.

Uncinocarpus Sigler et al.

Xanthothecium Arx & Samson

Spiromastigaceae Guarro et al.

Pseudospiromastix Guarro et al.

Sigleria Hirooka et al.

Spiromastigoides Doweld

Spiromastix Kuehn & G.F. Orr

Onygenales genera *incertae sedis*

Arthroopsis Sigler et al.

Lacazia Taborda et al.

Sphaerosporium Schwein.

Eurotiomycetidae genera *incertae sedis*

Azureothecium Matsush.

Calyptrozyma Boekhout & Spaay

Pisomyxa Corda

Samarospora Rostr.

Veronaia Benedek

Subclass *Mycocaliciomycetidae* Tibell

Mycocaliciales Tibell & Wedin

Mycocaliciaceae A.F.W. Schmidt (= *Sphinctrinaceae* M. Choisy)*

Brunneocarpos Giraldo & Crous

Chaenothecopsis Vain.

Mycocalicium Vain. ex Reinke

Phaeocalicium A.F.W. Schmidt

Pyrgidium Nyl.

Sphinctrina Fr.

Stenocybe (Nyl.) Körb.

Eurotiomycetes families *incertae sedis*

Dactylosporaceae Bellem. & Hafellner

Dactylospora Körb.

Sclerococcum Fr.

Eurotiomycetes genera *incertae sedis*

Cirrosporium S. Hughes

Neocladophialophora Crous & R.K. Schumach.

Sarcinomyces Lindner

Class *Geoglossomycetes* Zheng Wang et al.

Geoglossales Zheng Wang et al.

Geoglossaceae Corda

- Geoglossum* Pers.
Glutinoglossum Hustad et al.
Hemileucoglossum S. Arauzo
Leucoglossum S. Imai
Maasoglossum K.S. Thind & R. Sharma
Sabuloglossum Hustad et al.
Sarcoleotia Ito & S. Imai
Trichoglossum Boud.
- Geoglossomycetes** genera *incertae sedis*
Nothomitra Maas Geest.
- Class Laboulbeniomycetes** Engler
Laboulbeniales Engler
Ceratomycetaceae S. Colla
Autoicomycetes Thaxt.
Ceratomyces Thaxt.
Drepanomyces Thaxt.
Eusynaptomyces Thaxt.
Helodiomyces F. Picard
Phurmomyces Thaxt.
Plectomyces Thaxt.
Rhynchophoromyces Thaxt.
Synaptomyces Thaxt.
Tettigomyces Thaxt.
Thaumasomyces Thaxt.
Thripomyces Speg.
- Euceratomycetaceae** I.I. Tav.
Cochliomyces Speg.
Colonomyces R.K. Benj.
Euceratomyces Thaxt.
Euzodiomyces Thaxt.
Pseudoecteinomyces W. Rossi
- Herpomycetaceae** I.I. Tav.
Herpomycetes Thaxt.
- Laboulbeniaceae** G. Winter
Acallomyces Thaxt.
Acompsomyces Thaxt.
Acrogynomyces Thaxt.
Amorphomyces Thaxt.
Amphimycetes Thaxt.
Apatelomyces Thaxt.
Apatomyces Thaxt.
Aphanandromyces W. Rossi
Aporomyces Thaxt.
Arthrorhynchus Kolen.
Asaphomyces Thaxt.
Autophagomyces Thaxt.
Balazusia R.K. Benj.
Benjaminiomyces I.I. Tav.
Blasticomyces I.I. Tav.
Botryandromyces I.I. Tav. & T. Majewski
Camptomyces Thaxt.
Cantharomyces Thaxt.
Capillistichus Santam.
Carpophoromyces Thaxt.
Cesariella W. Rossi & Santam. *
Chaetarthriomyces Thaxt.
Chaetomyces Thaxt.
Chitonomyces Peyronel
Clematomyces Thaxt.
Clonophoromyces Thaxt.
Columnomyces R.K. Benj.
Compsomyces Thaxt.
Coreomyces Thaxt.
Coreomycetopsis Thaxt.
Corethromyces Thaxt.
Corylophomyces R.K. Benj.
Cryptandromyces Thaxt.
Cucujomyces Speg.
Cupulomyces R.K. Benj.
Dermapteromyces Thaxt.
Diandromyces Thaxt.
Diaphoromyces Thaxt.
Diclonomyces Thaxt.
Dimeromyces Thaxt.
Dimorphomyces Thaxt.
Dioicomycetes Thaxt.
Diphymyces I.I. Tav.
Diplomyces Thaxt.
Diplopodomycetes W. Rossi & Balazuc
Dipodomycetes Thaxt.
Distolomyces Thaxt.
Dixomyces I.I. Tav.
Ecteinomyces Thaxt.
Enarthromyces Thaxt.
Eucantharomyces Thaxt.
Euhaplomyces Thaxt.
Eumonoicomycetes Thaxt.
Euphoriomyces Thaxt.
Fanniomyces Maj.
Filariomyces Shanor
Gloeandromyces Thaxt.
Haplomyces Thaxt.
Hesperomyces Thaxt.
Histeridomyces Thaxt.
Homaromyces R.K. Benj.
Hydraeomyces Thaxt.
Hydrophilomyces Thaxt.
Idiomyces Thaxt.
Ilyomyces F. Picard
Ilytheomyces Thaxt.
Kainomyces Thaxt.
Kleidiomyces Thaxt.
Kruphaiomyces Thaxt.

- Kyphomyces* I.I. Tav.
Laboulbenia Mont. & C.P. Robin
Limnaiomyces Thaxt.
Majewskia Y.B. Lee & Sugiyama
Meionomyces Thaxt.
Microsomyces Thaxt.
Mimeomyces Thaxt.
Misgomyces Thaxt.
Monandromyces R.K. Benj.
Monoicomycetes Thaxt.
Nanomyces Thaxt.
Neohaplomyces R.K. Benj.
Nycteromyces Thaxt.
Ormomyces I.I. Tav.
Osoriomyces Terada
Parvomyces Santam.
Peyritschiella Thaxt.
Phalacrichomyces R.K. Benj.
Phaulomyces Thaxt.
Picardella I.I. Tav.
Polyandromyces Thaxt.
Polyascomyces Thaxt.
Porophoromyces Thaxt.
Prolixandromyces R.K. Benj.
Pselaphidomyces Speng.
Rhachomyces Thaxt.
Rhipidiomyces Thaxt.
Rhizomyces Thaxt.
Rhizopodomycetes Thaxt.
Rickia Cavara
Rossiomyces R.K. Benj.
Sandersoniomyces R.K. Benj.
Scalenomyces I.I. Tav.
Scaphidiomyces Thaxt.
Scelophoromyces Thaxt.
Scopastocarpus Santam.
Siemaszkoa I.I. Tav. & Maj.
Smeringomyces Thaxt.
Sphaleromyces Thaxt.
Stemmatomyces Thaxt.
Stichomyces Thaxt.
Stigmatomyces H. Karst.
Sugiyamaemyces I.I. Tav. & Balazuc
Symplectromyces Thaxt.
Sympodomyces R.K. Benj.
Synandromyces Thaxt.
Tavarsiella T. Majewski
Teratomyces Thaxt.
Tetrandromyces Thaxt.
Trenomyces Chatton & F. Picard
Triainomyces W. Rossi & A. Weir
Triceromyces T. Majewski
Trochoideomyces Thaxt.
Troglyomyces S. Colla
Zeugandromyces Thaxt.
Zodiomyces Thaxt.
- Teratomycetaceae** Thaxt.
Rodaucea W. Rossi & Santam.
- Laboulbeniales** genera *incertae sedis*
Cainomyces Thaxt.
- Pyxidiophorales** P.F. Cannon
Pyxidiophoraceae Arnold
Gliocephalis Matr.
Mycorhynchidium Malloch & Cain
Pleurocatena G. Arnaud ex Aramb. et al.
Pyxidiophora Bref. & Tavel
- Laboulbeniomyces** genera *incertae sedis*
Laboulbeniopsis Thaxt.
- Class Lecanoromycetes** O.E. Erikss. & Winka
Subclass Acarosporomycetidae Reeb et al.
Acarosporales Reeb et al.
Acarosporaceae Zahlbr.
Acarospora A. Massal.
Caeruleum Arcadia
Glypholecia Nyl.
Lithoglypha Brusse
Myriospora Nageli ex Uloth
Pleopsidium Körb.
Polysporina Vězda
Sarcogyne Flot.
Thelocarpella Nav.-Ros. & Cl. Roux
Timdalia Hafellner
Trimmatothelopsis Zschacke
- Eigleraceae** Hafellner
Eiglera Hafellner
- Subclass Candelariomycetidae** Miadl. et al. ex Timdal & M. Westb.
Candelariales Miadl. et al.
Candelariaceae Hakul.
Candelaria A. Massal.
Candelariella Müll. Arg.
Candelina Poelt
Placomaronea Räsänen
- Pycnoraceae** Bendiksby & Timdal
Pycnora Hafellner
- Subclass Lecanoromycetidae** P.M. Kirk et al. ex Miadl. et al.
Caliciales Bessey
Caliciaceae Chevall.
Acolium (Ach.) Grev.
Acroschyphus Lév.

- Allocalicium* M. Prieto & Wedin
Amandinea M. Choisy ex Scheid. & M. Mayrhofer
Australiaena Matzer et al.
Baculifera Marbach
Buellia De Not. (= *Dirinastrum* Müll. Arg.)
Calicium Pers.
Chrismofulvea Marbach
Ciposia Marbach
Cratiria Marbach
Cyphelium Ach.
Dermatiscum Nyl.
Dermiscellum Hafellner et al.
Dimelaena Norman
Diploicia A. Massal.
Diplotomma Flot.
Dirinaria (Tuck.) Clem.
Endohyalina Marbach
Fluctua Marbach
Gassicurtia Fee
Hypoflavia Marbach
Monerolechia Trevis.
Orcularia (Malme) Kalb & Giralt
Pseudothelomma M. Prieto & Wedin
Pyxine Fr.
Redonia C.W. Dodge
Santessonia Hale & Vobis
Sculptolumina Marbach
Sphinctrinopsis Woron.
Stigmatochroma Marbach
Tetramelas Norman
Texasporium Nádv. ex Tibell & Hofsten
Thelomma A. Massal.
Tholurna Norman
- Physciaceae** Zahlbr.
Anaptychia Körb.
Coscinocladium Kunze
Culbersonia Essl.
Heterodermia Trevis.
Hyperphyscia Müll. Arg.
Kashiwadia S.Y. Kondr.
Leucodermia Kalb
Mischoblastia A. Massal.
Mobergia H. Mayrhofer et al.
Oxnerella S.Y. Kondr. et al.
Phaeophyscia Mob.
Phaeorrhiza H. Mayrhofer & Poelt
Physcia (Schreb.) Michaux
Physciella Essl.
Physconia Poelt
Polyblastidium Kalb
Rinodina (Ach.) Gray
Rinodinella H. Mayrhofer & Poelt
- Tornabea* Oesth.
- Lecanorales** Nannf.
- Biatorrellaceae** M. Choisy ex Hafellner & Casares-Porcel
Biatorrella De Not.
- Bruceomycetaceae** Rikkinen & A.R. Schmidt
Bruceomyces Rikkinen
- Carbonicolaceae** Bendiksby & Timdal
Carbonicola Bendiksby & Timdal
- Catillariaceae** Hafellner
Austrolecia Hertel
Catillaria A. Massal.
Placolecis Trevis.
Solenopsora A. Massal.
Xanthopsorella Kalb & Hafellner
- Cladoniaceae** Zenker
Calathaspis I.M. Lamb & W.A. Weber
Carassea S. Stenroos
Cetradonia J.C. Wei & Ahti
Cladia Nyl.
Cladonia Hill ex P. Browne
Gymnoderma Nyl.
Heteromyces Müll. Arg.
Metus D.J. Galloway & P. James
Myelorrhiza Verdon & Elix
Notocladonia S. Hammer
Pilophorus Th. Fr.
Pycnothelia Duf.
Sphaerophoropsis Vain.
Squamella S. Hammer
Thysanothecium Mont. & Berk.
- Gypsoplacaceae** Timdal
Gypsoplaca Timdal
- Haematommataceae** Hafellner
Haematomma A. Massal.
- Lecanoraceae** Körb.
Ameliella Fryday & Coppins
Bryodina Hafellner
Bryonora Poelt
Cladidium Hafellner
Claurouxia D. Hawksw.
Clauzadeana Cl. Roux
Edrudia W.P. Jordan
Huea C.W. Dodge & G.E. Baker
Japewiella Printzen
Lecanora Ach.
Lecidella Körb.
Miriqidica Hertel & Rambold
Myriolecis Clements
Myrionora R.C. Harris

- Palicella* Rodr. Flakus & Printzen
Protoparmeliopsis Choisy (= *Sedelnikovaea* S.Y. Kondr. et al.)
Psorinia Gotth. Schneid.
Punctonora Aptroot
Pyrrhospora Körb.
Rhizoplaca Zopf
Sagema Poelt & Grube
Traponora Aptroot
Tylothallia P. James & R. Kilius
Vainionora Kalb
- Malmideaceae** Kalb et al.
Cheiromycina B. Sutton
Kalbionora Lumbsch et al.
Malmidea Kalb et al.
Savoronala Ertz
- Megalariaceae** Hafellner
Catillochroma Kalb
Megalaria Hafellner
Tasmidella Kantvilas et al.
- Pachyascaceae** Poelt ex P.M. Kirk et al.
Pachyascus Poelt & Hertel
- Parmeliaceae** Zenker
Alectoria Ach. (= *Gowardia* Halonen et al.)
Allantoparmelia (Vain.) Essl.
Anzia Stizenb.
Arctoparmelia Hale
Asahinea W.L. Culb. & C.F. Culb.
Austromelanelixia Divakar et al.
Austroparmelina A. Crespo et al.
Brodoa Goward
Bryocaulon Kärnefelt
Bryoria Brodo & D. Hawksw.
Bulbothrix Hale
Canoparmelia Elix & Hale
Cetraria Ach. (= *Allocetraria* Kurok. & M.Y. Lai, = *Cetrariella* Kärnefelt & Thell, = *Usnocetraria* M.J. Lai & J.C. Wei, = *Vulpicida* Mattson & M.J. Lai)
Cetrelia W.L. Culb. & C.F. Culb.
Coelopogon Brusse & Kärnefelt
Cornicularia (Schreb.) Ach.
Dactylina Nyl.
Davidgallowaya Aptroot
Emodomelanelia Divakar & A. Crespo
Esslingeriana Hale & M.J. Lai
Evernia Ach.
Everniopsis Nyl.
Flavoparmelia Hale
Flavopunctelia Hale
Himantormia I.M. Lamb
Hypogymnia (Nyl.) Nyl.
- Hypotrachyna* (Vain.) Hale
Imshaugia F.C. Mey.
Letharia (Th. Fr.) Zahlbr.
Lethariella (Motyka) Krog
Maronina Hafellner & R.W. Rogers
Melanelia Essl.
Melanelixia O. Blanco et al.
Melanohalea O. Blanco et al.
Menegazzia A. Massal.
Montanelia Divakar et al.
Myelochroa (Asahina) Elix & Hale
Nephromopsis Müll. Arg. (= *Ahtiana* Goward; = *Arctocetraria* Kärnefelt & Thell; = *Cetrariopsis* Kurok.; = *Flavocetraria* Kärnefelt & Thell; = *Flavocetrariella* D.D. Awasthi; = *Kaernefeltia* Thell & Goward; = *Masonhalea* Kärnefelt; = *Tuckermanella* Essl.; = *Tuckermannopsis* Gyeln.)
Nipponoparmelia (Kurok.) K.H. Moon et al.
Nodobryoria Common & Brodo
Notoparmelia A. Crespo et al.
Omphalodium Meyen & Flot.
Omphalora T.H. Nash & Hafellner
Oropogon Th. Fr.
Pannoparmelia (Müll. Arg.) Darb.
Parmelia Ach
Parmelina Hale
Parmelinella Elix & Hale
Parmeliopsis (Nyl.) Nyl.
Parmotrema A. Massal. (= *Crespoa* (D. Hawksw.) Lendemer & B.P. Hodk.)
Parmotremopsis Elix & Hale
Phacopsis Tul.
Platismatia W.L. Culb. & C.F. Culb.
Pleurosticta Petr.
Protoparmelia M. Choisy
Protousnea (Motyka) Krog
Pseudephebe M. Choisy
Pseudevernia Zopf
Pseudoparmelia Lynge
Psiloparmelia Hale
Punctelia Krog
Relicina (Hale & Kurok.) Hale
Remototrachyna Divakar & A. Crespo
Sulcaria Bystr.
Usnea Dill. ex Adans.
Xanthoparmelia (Vain.) Hale
- Pilocarpaceae** Zahlbr.
Badimiella Malcolm & Vězda
Baflavia Lücking
Bapalmuia Sérus.
Barubria Vězda
Brasilicia Lücking, Kalb & Serus.

- Bryogomphus* Lücking et al.
Byssolecania Vain.
Byssoloma Trevis.
Calopadia Vězda
Calopadiopsis Lücking & R. Sant.
Eugeniella Lücking et al.
Fellhanera Vězda
Fellhaneropsis Sérus. & Coppins
Kantvilasia P.M. McCarthy et al.
Lasioloma R. Sant.
Leimonis R.C. Harris *
Loflammia Vězda
Loflammiiopsis Lücking & Kalb
Logilvia Vězda
Micareia Fr.
Podotara Malcolm & Vezda
Pseudocalopadia Lücking
Roccellinastrum Follmann
Scutula Tul.
Septotrapelia Aptroot & Chaves
Sporopodiopsis Sérus.
Sporopodium Mont.
Szczawinskia A. Funk
Tapellaria Müll. Arg.
Tapellariopsis Lücking
- Psilolechiaceae*** S. Stenroos et al.
Psilolechia A. Massal.
- Psoraceae*** Zahlbr.
Brianaria S. Ekman & M. Svensson
Glyphopeltis Brusse
Protoblastenia (Zahlbr.) J. Steiner
Protomicareia Hafellner
Psora Hoffm.
Psorula Gotth. Schneid.
- Ramalinaceae*** C. Agardh
Aciculopsora Aptroot & Trest
Adelolecia Hertel & Hafellner
Arthrosporium A. Massal.
Auriculora Kalb
Bacidia De Not.
Bacidina Vězda
Bacidiopsora Kalb
Badimia Vezda
Bilimbia De Not.
Biatora Fr.
Catillochroma Kalb
Catinaria Vain.
Cenozosia A. Massal.
Cliostomum Fr.
Compsocladium I.M. Lamb
Crocynia (Ach.) A. Massal.
- Crustospathula* Aptroot
Echidnocymbium Brusse
Eschatogonia Trevis.
Frutidella Lalb
Heppsora D.D. Awasthi & K. Singh
Japewia Tønsberg
Jarmania Kantvilas
Krogia Timdal
Lecania A. Massal. *
Lopezaria Kalb & Hafellner
Lueckingia Aptroot & Umana
Megalaria Hafellner
Niebla Rundel & Bowler
Phyllopsora Müll. Arg.
Physcidia Tuck.
Pseudohepatica P.M. Jørg.
Ramalina Ach.
Rolfidium Moberg
Schadonia Körb.
Stirtoniella D.J. Galloway et al.
Tasmidella Kantvilas et al.
Thamnolecania (Vain.) Gyeln.
Tibellia Vězda & Hafellner
Toninia A. Massal.
Toniniopsis Frey
Waynea Moberg
- Ramboldiaceae*** S. Stenroos et al.
Ramboldia Kantvilas & Elix
- Scoliciosporaceae*** Hafellner
Scoliciosporum A. Massal.
Umushamyces Etayo
- Sphaerophoraceae*** Fr.
Austropeltum Henssen et al.
Bunodophoron A. Massal.
Calycidium Stirt.
Leifidium Wedin
Neophyllis F. Wilson
Sphaerophorus Pers.
- Squamarinaceae*** Hafellner
Herteliana P. James
Squamarina Poelt
- Stereocaulaceae*** Chevall.
Hertelidea Printzen & Kantvilas
Lepraria Ach.
Stereocaulon Hoffm.
Xyleborus R.C. Harris & Ladd
- Tephromelataceae*** Hafellner
Calvitimela Hafellner
Mycoblastus Norman

- Tephromela* M. Choisy
Violella T. Sprib.
- Lecanorales** genera *incertae sedis*
Coronoplectrum Brusse
Lichenosticta Zopf
Ivanpisutia S.Y. Kondr et al.
Neopsoromopsis Gyeln.
Psoromella Gyeln.
Puttea S. Stenroos & Huhtinen
Ramalea Nyl.
- Lecideales** Vain.
Lecideaceae Chevall.
Amygdalaria Norman
Bahianora Kalb
Bellemerea Hafellner & Cl. Roux
Bryobilimbia Fryday
Catarrhospora Brusse
Cecidonia Triebel & Rambold
Clauzadea Hafellner & Bellem.
Cryptodictyon A. Massal.
Eremastrella Vogel
Farnoldia Hertel
Immersaria Rambold & Pietschm.
Koerberiella Stein
Labyrintha Malcolm et al.
Lecidea Ach.
Lecidoma Gotth. Schneid. & Hertel
Melanolecia Hertel
Mycobilimbia Rehm
Pachyphysis R.C. Harris & Ladd
Paraporpidia Rambold & Pietschm.
Poeltiaria Hertel
Poeltidea Hertel & Hafellner
Porpidia Körb.
Porpidinia Timdal
Pseudopannaria (B. de Lesd.) Zahlbr.
Rhizolecia Hertel
Romjularia Timdal
Schizodiscus Brusse
Stenhammarella Hertel
Stephanocyclos Hertel
Xenolecia Hertel
- Lopadiaceae** Hafellner
Lopadium Körb.
- Leprocaulales** Lendemer & B.P. Hodk.
Leprocaulaceae Lendemer & B.P. Hodk.
Halecania M. Mayrhofer
Leprocaulon Nyl.
Speerschneidera Trevis.
- Peltigerales** W. Watson
Coccocarpiaceae Henssen ex Henssen
Coccocarpia Pers.
Peltularia R. Sant.
Spilonea Bornet
- Collemataceae** Zenker
Blennothallia Trevis.
Callome Otálora & Wedin
Collema F.H. Wigg.
Enchylium (Ach.) Gray
Lathagrium (Ach.) Gray
Leptogium (Ach.) Gray
Pseudoleptogium Müll. Arg.
Rostania Trevis.
Scytinium (Ach.) Gray
- Koerberiaceae** T. Sprib. & Muggia
Koerberia A. Massal.
Steinera Zahlbr.
Vestergrenopsis Gyeln.
- Lobariaceae** Chevall.
Crocodia Link
Dendrioscoticta Moncada & Lücking
Lobaria (Schreb.) Hoffm.
Lobariella Yoshim.
Lobarina Nyl. ex Cromb.
Parmostictina Nyl.
Podostictina Clem.
Pseudocyphellaria Vain.
Ricasolia De Not.
Sticta (Schreb.) Ach.
Yarrumia D.J. Galloway
Yoshimuriella Moncada & Lücking
- Massalongiaceae** Wedin et al.
Leptochidium M. Choisy
Massalongia Korb.
Polychidium (Ach.) Gray
- Nephromataceae** Wetm. ex J.C. David & D. Hawksw.
Nephroma Ach.
- Pannariaceae** Tuck.
Austrella P.M. Jørg.
Degelia Arv. & D.J. Galloway
Degeliella P.M. Jørg.
Erioderma Feé
Fuscoderma (D.J. Galloway & P.M. Jørg.) P.M. Jørg. & D.J. Galloway
Fuscopannaria P.M. Jørg. (= *Kroswia* P.M. Jørg.)
Gibbosporina Elvebakk et al.
Homotheceum A. Massal.

- Joergensenia* Passo et al.
Leciophysma Th. Fr.
Leightoniella Henssen
Leioderma Nyl.
Lepidocollema Vain.
Leptogidium Nyl.
Pannaria Del. ex Bory
Parmeliella Müll. Arg.
Pectenaria P.M. Jørg.
Physma A. Massal.
Protopannaria (Gyeln.) P.M. Jørg. & S. Ekman
Psoroma Michaux
Psoromaria Nyl. ex Nyl.
Psoromidium Stirt.
Ramalodium Nyl.
Siphulastrum Müll. Arg.
Staurolemma Körb.
Steineropsis T. Sprib. & Muggia
- Peltigeraceae** Dumort.
Peltigera Willd.
Solorina Ach.
- Placynthiaceae** Å.E. Dahl
Hertella Henssen
Placynthiopsis Zahlbr.
Placynthium (Ach.) Gray
- Vahliellaceae** Wedin
Vahliella P.M. Jørg.
- Peltigerineae** genus *incertae sedis*
Erinacellus T. Sprib. et al.
- Rhizocarpales** Miadl. et al. ex Miadl. & Lutzoni
- Rhizocarpaceae** M. Choisy & Hafellner
Catolechia Flot.
Epilichen Clem.
Poeltinula Hafellner
Rhizocarpon Ramond ex DC.
- Sporastatiaceae** Bendiksby & Timdal
Sporastatia A. Massal.
Toensbergia Bendiksby & Timdal
- Teloschistales** D. Hawksw. & O.E. Erikss.
- Brigantieaceae** Hafellner & Bellem.
Brigantiaea Trevis.
- Letrouitiaceae** Bellem. & Hafellner
Letrouitia Hafellner & Bellem.
- Megalosporaceae** Vězda ex Hafellner & Bellem.
Megaloblastenia Sipman
Megalospora Meyen
Sipmaniella Kalb
- Teloschistaceae** Zahlbr.
Amundsenia Søchting et al.
Apatoplaca Poelt & Hafellner
Athallia Arup et al.
Austroplaca Søchting et al.
Blastenia A. Massal.
Brownliella S.Y. Kondr. et al.
Bryoplaca Søchting et al.
Calogaya Arup et al.
Caloplaca Th. Fr.
Catenarina Søchting et al.
Cephalophysis (Hertel) H. Kilius
Cerothallia Arup et al.
Charcotiana Søchting et al.
Dufourea Ach.
Eilifdahlia S.Y. Kondr. et al.
Fauriea S.Y. Kondr. et al.
Flavoplaca Arup et al.
Follmannia C.W. Dodge
Franwilsia S.Y. Kondr. et al.
Gondwania Søchting et al.
Gyalolechia A. Massal.
Haloplaca Arup et al.
Huneckia S.Y. Kondr. et al.
Ioplaca Poelt
Jasonhuria S.Y. Kondr. et al.
Josefpoeltia S.Y. Kondr. & Karnefelt
Kaernefia S.Y. Kondr. et al.
Lazarenkoella S.Y. Kondr. et al.
Leproplaca (Nyl.) Nyl.
Loekoesia S.Y. Kondr. et al.
Marchantiana S.Y. Kondr. et al.
Olegblumia S.Y. Kondr. et al.
Orientophila Arup et al.
Pachypeltis Søchting et al.
Parvoplaca Arup et al.
Polycauliona Hue
Pyrenodesmia A. Massal.
Raesaeneniana S.Y. Kondr. et al.
Rufoplaca Arup et al.
Rusavskia S.Y. Kondr. & Karnefelt
Scutaria Søchting et al.
Seiophora Poelt
Shackletonia Søchting et al.
Sirenophila Søchting et al.
Solitaria Arup et al.
Squamulea Arup et al.
Stellarangia Frödén et al.
Streimanniella S.Y. Kondr. et al.
Tarasginia S.Y. Kondr. et al.
Tassiloa S.Y. Kondr. et al.

- Tayloriellina* S.Y. Kondr. et al.
Teloschistes Norman
Teloschistopsis Frödén et al.
Thelliana S.Y. Kondr. et al.
Usnochroma Søchting et al.
Variospora Arup et al.
Villophora Søchting et al.
Wetmoreana Arup et al.
Xanthocarpia A. Massal. & De Not.
Xanthodactylon P.A. Duvign.
Xanthomendoza S.Y. Kondr. & Karnefel
Xanthopeltis R. Sant.
Xanthoria (Fr.) Th. Fr.
Yoshimuria S.Y. Kondr. et al.
Zeroviella S.Y. Kondr. & J.-S. Hur
- Teloschistales** genera *incertae sedis*
Malcolmiella Vezda
- Lecanoromycetidae** families *incertae sedis*
Helocarpaceae Hafellner
Helocarpon Fr.
- Subclass Ostropomycetidae** Reeb et al.
Arctomiales S. Stenroos et al.
Arctomiaceae Th. Fr.
Arctomia Th. Fr.
Gregorella Lumbsch
Wawea Henssen & Kantvilas
- Baeomycetales** Lumbsch et al.
Baeomycetaceae Dumort.
Ainoa Lumbsch & I. Schmitt
Anamylopsora Timdal
Baeomyces Pers.
Parainoa Resl & T. Sprib.
Phyllobaeis Gierl & Kalb
- Cameroniaceae** Kantvilas & Lumbsch
Cameronia Kantvilas
- Hymeneliales** S. Stenroos et al.
Hymeneliaceae Korb.
Hymenelia Kremp.
Ionaspis Th. Fr.
Tremolecia M. Choisy
- Ostropales** Nannf.
Coenogoniaceae (Fr.) Stizenb.
Coenogonium Ehrenb. ex Nees
- Gomphillaceae** Walt. Watson
Actinoplaca Müll. Arg.
Aderkomyces Bat.
Aplanocalenia Lücking et al.
Arthotheliopsis Vain.
Asterothyrium Müll. Arg.
- Aulaxina* Fée
Calenia Müll. Arg.
Caleniopsis Vězda & Poelt
Diploschistella Vain.
Echinoplaca Fée
Ferraroa Lücking et al.
Gomphillus Nyl.
Gyalectidium Müll. Arg.
Gyalidea Lettau
Gyalideopsis Vězda
Hippocrepidea Sérus.
Jamesiella Lücking et al.
Lithogyalideopsis Lücking et al.
Paratracharia Lücking
Phyllogyalidea Lücking & Aptroot
Psorotheciopsis Rehm
Rolueckia Papong et al.
Rubrotricha Lücking et al.
Tricharia Fée
- Graphidaceae** Dumort.
Acanthothecis Clem.
Acanthotrema Frisch
Aggregatorygma M. Cáceres et al.
Amazonotrema Kalb & Lücking
Ampliotrema Kalb ex Kalb
Anomalographis Kalb
Anomomorpha Nyl. ex Hue
Asteristion Leight.
Astrochapsa Parmen et al.
Austrotrema I. Medeiros et al.
Borinquenotrema Mercado-Díaz et al.
Byssotrema M. Cáceres
Carbacanthographis Staiger & Kalb
Chapsa A. Massal.
Chroodiscus (Müll. Arg.) Müll. Arg.
Clandestinotrema Rivas Plata et al.
Compositrema Rivas Plata et al.
Corticorygma M. Cáceres et al.
Creographa A. Massal.
Cruentotrema Rivas Plata et al.
Crutarndina Parmen et al.
Diaphorographis A.W. Archer & Kalb *
Diorygma Eschw.
Diploschistes Norman
Dyplolabia A. Massal.
Enigmatrema Lücking
Fibrillithecis A. Frisch
Fissurina Fee
Flegographa A. Massal. et al.
Gintarasia Kraichak et al.
Glaucotrema Rivas Plata & Lumbsch
Glyphis Ach.

- Graphis* Adans.
Gymnographopsis C.W. Dodge
Gyrotrema A. Frisch
Halegrapha Rivas Plata & Lücking
Heiomasia Nelsen et al.
Hemithecium Trevis.
Kalbograppha Lücking
Leiorreuma Eschw.
Leucodecton A. Massal.
Malmographina M. Cáceres et al.
Mangoldia Lücking et al.
Melanotopelia Lumbsch & Mangold
Melanotrema A. Frisch
Myriochapsa M. Cáceres et al.
Myriotrema Fée
Nadvornikia Tibell
Nitidochapsa Parnmen et al.
Ocellularia G. Mey.
Pallidogramme Staiger et al.
Paratopeliopsis Mercado-Díaz et al.
Phaeographis Müll. Arg.
Phaeographopsis Sipman
Platygramme Fée
Platythecium Staiger
Pliariona A. Massal. (= *Phaeographina* Müll. Arg.)
Polistroma Clemente
Pseudochapsa Parnmen et al.
Pseudoramonia Kantvilas & Vězda
Pseudotopeliopsis Parnmen et al.
Pycnotrema Rivas Plata & Lücking
Redingeria A. Frisch
Redonographa Lücking et al.
Reimnitzia Kalb
Rhabdodiscus Vain.
Sanguinotrema Lücking
Sarcographa Fée
Sarcographina Müll. Arg.
Schistophoron Stirt.
Schizotrema Mangold & Lumbsch
Stegobolus Mont.
Thalloloma Trevis.
Thecaria Fée
Thecographa A. Massal.
Thelotrema Ach.
Topeliopsis Kantvilas & Vězda
Wirthiotrema Rivas Plata et al.
Xalocoa Kraichak et al.
- Gyalectaceae** (A. Massal.) Stizenb.
Cryptolechia A. Massal.
Gyalecta Ach.
Ramonia Stizenb.
Semigyalecta Vain.
- Odontotremataceae** D. Hawksw. & Sherwood
Claviradulomyces P.R. Johnst. et al.
Coccomycetella Höhn.
Odontotrema Nyl.
Odontura Clem.
Paraethariicola Calat. et al.
Paschelkiella Sherwood
Potriphila Döbbeler
Rogellia Döbbeler
Sphaeropezia Sacc.
Stromatothecia D.E. Shaw & D. Hawksw.
Tryblis Clem.
Xerotrema Sherwood & Coppins
- Phaneromycetaceae** Gamundí & Spinedi
Phaneromyces Speg. & Har. ex Speg.
- Phlyctidaceae** Poelt & Vezda ex J.C. David & D. Hawksw.
Phlyctis (Wallr.) Flot.
Psathyrophlyctis Brusse
- Porinaceae** Rehb.
Clathroporina Müll. Arg.
Myeloconis P.M. McCarthy & Elix
Porina Müll. Arg.
Pseudosagedia (Müll. Arg.) Choisy
Segestria Fr.
Trichothelium Müll. Arg.
- Protothelenellaceae** Vezda et al.
Mycowinteria Sherwood
Protothelenella Räsänen
- Sagiolechiaceae** Baloch et al.
Rhexophiale Th. Fr.
Sagiolechia A. Massal.
- Stictidaceae** Fr.
Absconditella Vězda
Acarosporina Sherwood
Biostictis Petr.
Carestiella Bres.
Conotremopsis Vězda
Cryptodiscus Corda
Cyanodermella O.E. Erikss.
Delpontia Penz. & Sacc.
Dendroseptoria Alcalde*
Geisleria Nitschke
Glomerobolus Kohlm. & Volkm.-Kohlm.
Ingvariella Guderley & Lumbsch
Karstenia Fr.
Lillicoa Sherwood
Nanostictis M.S Christ.
Ostropha Fr.
Propoliopsis Rehm
Robergea Desm.

- Schizoxylon* Pers.
Stictis Pers.
Stictophacidium Rehm
Thelopsis Nyl.
Topelia P.M. Jørg. & Vězda
Trinathotrema Lücking et al.
Xyloschistes Vain. ex Zahlbr.
- Thelenellaceae** O.E. Erikss. ex H. Mayrhofer
Aspidothelium Vain.
Chromatochlamys Trevis.
Thelenella Nyl.
- Thrombiaceae** Poelt & Vězda ex J.C. David & D. Hawksw.
Thrombium Wallr.
- Ostropales** genera *incertae sedis*
Amphorotheceium P.M. McCarthy et al.
Anzina Scheid.
Corticifraga D. Hawksw. & R. Sant.
Malvinia Döbbeler
- Pertusariales** M. Choisy ex D. Hawksw. & O.E. Erikss.
Coccotremataceae Henssen ex J.C. David & D. Hawksw.
Coccotrema Müll. Arg.
Gyalectaria Lumbsch et al.
Parasiphula Kantvilas & Grube
- Icmadophilaceae** Triebel
Chirleja Lendemer & B.P. Hodk.
Dibaeis Clem.
Endocena Cromb.
Icmadophila Trevis.
Pseudobaeomyces M. Satî
Siphula Fr.
Siphulella Kantvilas et al.
Thamnotia Ach. ex Schaerer
- Megasporaceae** Lumbsch et al.
Aspicilia A. Massal.
Circinaria Link
Lobothallia (Clauzade & Cl. Roux) Hafellner
Megaspora (Clauzade & Cl. Roux) Hafellner & V. Wirth
Sagedia Ach.
Teuvoa Sohrabi & S. Leavitt
- Miltideaceae** Hafellner
Miltidea Stirt.
- Ochrolechiaceae** R.C. Harris ex Lumbsch & I. Schmitt
Ochrolechia A. Massal.
Varicellaria Nyl.
- Pertusariaceae** Korb. ex Körb.
Agyrium Fr.
Loxosporopsis Henssen
- Pertusaria* DC.
Thamnochrolechia Aptroot & Sipman
- Pertusariales** genera *incertae sedis*
Lepra Scop. (= *Marfloraea* S.Y. Kondr. et al.)
- Sarrameanales** B.P. Hodk. & Lendemer
Sarrameanaceae Hafellner
Loxospora A. Massal.
Sarrameana Vězda & P. James
- Schaereriaceae** Hafellner
Schaereria Th. Fr.
- Trapeliales** B.P. Hodk. & Lendemer
Trapeliaceae M. Choisy ex Hertel
Amylora Rambold
Aspiciliopsis (Müll. Arg.) M. Choisy
Coppinsia Lumbsch & Heibel
Lignoscripta B.D. Ryan
Orceolina Hertel
Placopsis (Nyl.) Linds.
Placynthiella Elenkin
Rimularia Nyl.
Sarea Fr.
Trapelia M. Choisy
Trapeliopsis Hertel & Gotth. Schneid.
- Xylographaceae** Tuck.
Lambiella Hertel
Lithographa Nyl.
Ptychographa Nyl.
Xylographa (Fr.) Fr.
- Ostropomycetidae** genera *incertae sedis*
Aspilidea Hafellner
Dictyocatenulata Finley & E.F. Morris
Pleiopatella Rehm
Spirographa Zahlbr.
- Subclass Umbilicariomycetidae** Bendiksby et al.
Umbilicariales Lumbsch et al.
Elixaceae Lumbsch
Elixia Lumbsch
Meridianelia Kantvilas & Lumbsch
- Fuscideaceae** Hafellner
Fuscidea V. Wirth & Vězda
Hueidea Kantvilas & P.M. McCarthy
Lettauia D. Hawksw. & R. Sant.
Maronea A. Massal.
Orphniospora Korb.
- Ophioparmaceae** R.W. Rogers & Hafellner
Boreoplaca Timdal
Hypocenyce M. Choisy
Ophioparma Norman

Ropalosporaceae Hafellner*Ropalospora* A. Massal.**Umbilicariaceae** Chevall.*Fulgidea* Bendiksby & Timdal*Lasallia* Mérat*Umbilicaria* Hoffm.*Xylopsora* Bendiksby & Timdal**Lecanoromycetes** families *incertae sedis***Arthrorhaphidaceae** Poelt & Hafellner*Arthrorhaphis* Th. Fr.**Micropeltidaceae** Clem. & Shear**Anariste* Syd.*Calothyriopsis* Höhn.*Caribaeomyces* Cif.*Caudella* Syd. & P. Syd.*Cyclopeltella* Petr.*Dictyopeltella* Bat. & I.H. Lima*Haplopeltella* Bat. et al.*Heliocephala* V. Rao et al.*Micropeltis* Mont.*Neopeltella* Petr.*Scolecopeltidium* F. Stevens & Manter*Stomiopeltis* Theiss.*Stomiopeltopsis* Bat. & Cavalc.*Stomiotheca* Bat.**Lecanoromycetes** genera *incertae sedis**Ascographa* Velen.*Argopsis* Th. Fr.*Bartlettiella* D.J. Galloway & P.M. Jørg.*Bouvetiella* Øvstedal*Buelliastrum* Zahlbr.*Corticiruptor* Wedin & Hafellner*Haploloma* Trevis.*Hosseusia* Gyeln.*Korfiomyces* Iturr. & D. Hawksw.*Maronella* M. Steiger*Nimisiostella* Calat. et al.*Notolecidea* Hertel*Petractis* Fr.*Piccolia* A. Massal.*Ravenelula* Speg.*Umbilithecium* Etayo*Robincola* Velen.*Roburnia* Velen.**Class Leotiomyces** O.E. Erikss. & Winka**Cyttariales** Luttr. ex Gamundí**Cyttariaceae** Speg.*Cyttaria* Berk.**Erysiphales** Gwynne-Vaughan**Erysiphaceae** Tul. & C. Tul.*Arthrocladiella* Vassilkov*Blumeria* Golovin ex Speer*Brasiliomyces* Viégas*Caespitotheca* S. Takam. & U. Braun*Cystotheca* Berk. & Curtis*Erysiphe* DC.*Golovinomyces* (U. Braun) Heluta*Leveillula* G. Arnaud*Microidium* (To-anun & S. Takam.) To-anun & S. Takam.*Neoërysiphe* U. Braun*Parauncinula* S. Takamatsu et al.*Phyllactinia* Lév.*Pleochaeta* Sacc. & Speg.*Podosphaera* Kunze*Queirozia* Viégas & Cardoso*Sawadaea* Miyabe*Takamatsuella* U. Braun & A. Shi*Typhulochaeta* Ito & Hara**Helotiales** Nannf.**Arachnopezizaceae** Hosoya et al.*Arachnopeziza* Fuckel*Arachnoscypha* Boud.*Austropezia* Spooner*Eriopezia* (Sacc.) Rehm*Parachnopeziza* Korf**Ascodichaenaceae** D. Hawksw. & Sherwood*Ascodichaena* Butin*Delpinoina* Kuntze**Ascocorticiaceae** J. Schröt.*Ascocorticiellum* Jülich & B. de Vries*Ascocorticium* Bref.*Ascosorus* P. Henn. & Ruhland**Bloxamiaceae** Locq.*Bloxamia* Berk. & Broome**Calloriaceae** Marchand*Aivenia* Svrček*Calloria* Fr.*Chaetonaevia* Arx*Diplonaevia* Sacc.*Duebenia* Fr.*Eupropolella* Höhn.*Hyalacrotus* (Korf & L.M. Kohn) Raitv.*Iridinea* Velen.*Laetinaevia* Nannf.*Loricella* Velen.*Micropodia* Boud.*Naevala* B. Hein*Naeviella* (Rehm) Clem.*Naeviopsis* B. Hein*Ploetnera* Henn.

Cenangiaceae Rehm (= *Hemiphacidiaceae* Korf)*

Cenangiopsis Rehm
Cenangium Fr.
Chlorencoelia J.R. Dixon
Crumenulopsis J.W. Groves
Didymascella Maire & Sacc.
Encoelia (Fr.) P. Karst.
Fabrella Kirschst.
Heyderia Link
Hysterostegiella Höhn.
Korfia J. Reid & Cain
Pseudomitruła Gamundí
Rhabdocline Syd.
Sarcotrochila Höhn.
Trochila Fr.
Velutarina Korf

Chaetomellaceae Baral et al.

Chaetomella Fuckel
Pilidium Kunze
Sphaerographium Sacc.
Synchaetomella Decock & Seifert

Chlorociboriaceae Baral & P.R. Johnst.

Chlorociboria Seaver ex Ramamurthi et al.

Cordieritidaceae Sacc.

Ameghiniella Speg.
Austrocenangium Gamundí
Cordierites Mont.
Diplocarpa Masseé
Diplolaeviopsis Giralt & D. Hawksw.
Ionomidotis E.J. Durand ex Thaxt.*
Llimoniella Hafellner & Nav.-Ros.
Macroskyttea Etayo et al.
Midotiopsis Henn.
Rhymbocarpus Zopf
Skyttea Sherwood et al.
Skyttella D. Hawksw. & R. Sant.
Thamnogalla D. Hawksw.
Unguiculariopsis Rehm

Dermateaceae Fr.

Coleophoma Höhn.
Corniculariella P. Karst.
Dermea Fr.
Neofabraea H.S. Jacks.
Parafabraea Chen et al.
Pezicula Tul. & C. Tul.
Phialocephala W.B. Kendr.
Phlyctema Desm.
Pseudofabraea Chen et al.
Rhizodermea Verkley & Zijlstra
Schizothyrioma Höhn.

Verkleyomyces Y. Marín & Crous
Xenochalara & Crous

Drepanopezizaceae Bat. & H. Maia

Blumeriella Arx
Diplocarpon F.A. Wolf
Drepanopeziza (Kleb.) Höhn.
Felisbertia Viégas
Leptotrochila P. Karst.
Pseudopezicula Korf
Pseudopeziza Fuckel
Spilopodia Boud.
Spilopodiella E. Müll.

Gelatinodiscaceae S.E. Carp

Ascocoryne J.W. Groves & D.E. Wilson
Ascotremella Seaver
Chloroscypha Seaver
Didymocoryne Sacc. & Trotter
Neobulgaria Petr.
Neocudoniella S. Imai
Ombrophila Fr.
Phaeangellina Dennis
Skyathea Spooner & Dennis
Xerombrophila Baral

Godroniaceae Baral

Ascocalyx Naumov
Atropellis Zeller & Goodd.
Godronia Moug. & Lév.
Gremmeniella M. Morelet

Helotiaceae Rehm

Articulospora Ingold
Ascoconidium Seaver
Bisporella Sacc.
Bryoscyphus Spooner
Calycella (Sacc.) Sacc.
Cudoniella Sacc.
Cyathicula De Not.
Dicephalospora Spooner
Dimorphospora Tubaki
Discorehmiella Kirschst.
Eubelonis Höhn.
Filosporella Nawawi
Fontanospora Dyko
Geniculospora Sv. Nilsson ex Marvanová & Sv. Nilsson
Glarea Bills & Paláez
Gloeotinia M. Wilson et al.
Graddonia Dennis
Gremmenia Korf
Helicodendron Peyronel
Hymenoscyphus Gray
Hymenotorrendiella P.R. Johnst. et al.

- Muscicola* Velen.
Mycofalcella Marvanová et al.
Mytilodiscus Kropp & S.E. Carp.
Neocrinula Crous
Phaeohelotium Kanouse
Pithyella Boud.
Pseudohelotium Fuckel
Pseudoniptera Velen.
Scytalidium Pesante
Symphyosirinia E.A. Ellis
Tatraea Svrcek
Tricladium Ingold
Xylogramma Wallr.
- Heterosphaeriaceae** Rehm
Heterosphaeria Grev.
- Hyaloscyphaceae** Nannf.
Aeruginoscyphus Dougoud
Ambrodiscus S.E. Carp.
Amicodisca Svrcek
Arbusculina Marvanová & Descals
Asperopilum Spooner
Cistella Quéf.
Cladochasiella Marvanová
Clathrosphaerina Beverw.
Crucellisporiopsis Nag Raj
Curvoclavula G. Delgado et al.
Dematioscypha Svrcek
Dimorphotricha Spooner
Echinula Graddon
Endoscypha Syd.
Fuscolachnum J.H. Haines
Graddonidiscus Raitv. & R. Galán
Grahamiella Spooner
Haplographium Berk. & Broome
Hegermila Raitv.
Hyalopeziza Fuckel
Hyaloscypha Boud.
Hyphodiscus Kirschst.
Hyphopeziza J.G. Han et al.
Incrupila Raitv.
Meliniomyces Hambl. & Sigler
Mycoarthritis Marvanová & P.J. Fisher
Olla Velen.
Polaroscyphus Huhtinen
Proprioscypha Spooner
Protounguicularia Raitv. & Galán
Psilocistella Svrcek
Rommelaarsia Baral & Haelew.
Thindiomycetes Arendh. & R. Sharma
Unguicularia Höhn.
Unguiculariella K.S. Thind & R. Sharma
Unguiculella Höhn.
- Urceolella* Boud.
Venturiocistella Raitv.
- Lachnaceae** (Nannf.) Raitv.
Albotricha Raitv.
Belonidium Mont. & Dur.
Brunnipila Baral
Capitotricha (Raitv.) Baral
Dasyscyphella Tranzschel
Erioscyphella Kirschst.
Incrucipulum Baral
Lachnellula P. Karst.
Lachnum Retz.
Lasiobelonium Ellis & Everh.
Neodasyscypha Suková & Spooner
Perrotia Boud.
Proliferodiscus J.H. Haines & Dumont
Solenopezia Sacc. *
Trichopeziza Fuckel
Tubolachnum Velen.
- Leptodontidiaceae** Hern.-Restr. et al.
Leptodontidium de Hoog.
- Loramycetaceae** Dennis ex Digby & Goos
Loramyces W. Weston
Obtectodiscus E. Müll. et al.
- Mitralaceae** Rchb.
Mitrala Fr.
- Mollisiaceae** Rehm
Bulbomollisia Graddon
Cystodendron Bubák
Discocurtisia Nannf.
Fuscosclera Hern.-Restr. et al.
Mollisia (Fr.) P. Karst.
Neotapesia E. Müll. & Hütter
Niptera Fr.
Nipterella Starbäck ex Dennis
Pseudonaevia Dennis & Spooner
Sarconiptera Raitv.
Scutobelonium Graddon
Scutomollisia Nannf.
Trimmatostroma Corda
Variocladium Descals & Marvanová
- Pezizellaceae** Velen.
Allophylaria (P. Karst.) P. Karst.
Antinoa Velen.
Calycellina Höhn
Calycina Nees ex Gray
Chalara (Corda) Rabenh.
Ciliolarina Svrček
Hamatocanthoscypha Svrček
Micropeziza Fuckel

- Microscypha* Syd. & P. Syd.
Mollisia Höhn. ex Weese
Mollisinopsis Arendh. & R. Sharma
Moserella Pöder & Scheuer
Phaeoscypha Spooner
Poculinia Spooner
Psilachnum Höhn.
Rodwayella Spooner
Scleropezicula Verkley
Velutaria Fuckel
- Ploettnerulaceae** Kirschst.
Cadophora Lagerb. & Melin
Dennisiodiscus Svrcek
Lasiomollisia Raitv. & Vesterh.
Mycochaetophora Hara & Ogawa
Nothophacidium J. Reid & Cain
Oculimacula Crous & W. Gams
Pirotaea Sacc.
Pyrenopeziza Fuckel
Rhynchosporium Heinsen ex A.B. Frank
- Roesleriaceae** Y.J. Yao & Spooner
Roesleria Thüm. & Pass.
- Rutstroemiaceae** Holst-Jensen et al.
Bicornispora Checa et al.
Dencoeliopsis Korf
Lambertella Höhn.
Lanzia Sacc.
Rutstroemia P. Karst.
Torrendiella Boud. & Torrend
- Sclerotiniaceae** Whetzel ex Whetzel
Amphobotrys Hennebert
Botrytis P. Micheli ex Pers.
Ciboria Fuckel
Ciborinia Whetzel
Cristulariella Höhn.
Cudoniopsis Speg.
Dumontinia L.M. Kohn
Elliottinia L.M. Kohn
Grovesinia M.N. Cline et al.
Haradamyces Masuya et al.
Kohninia Holst-Jensen et al.
Martininia Dumont & Korf
Monilinia Honey
Mycopappus Redhead & G.P. White
Myrioconium Syd. & P. Syd.
Myriosclerotinia N.F. Buchw.
Ovulinia Weiss
Phaeosclerotinia Hori
Piceomphale Svrcek
Pseudociboria Kanouse
Pycnopeziza W.L. White & Whetzel
- Redheadia* Y. Suto & Suyama
Scleromitula S. Imai
Sclerotinia Fuckel
Sclerotium Tode
Seaverinia Whetzel
Septotinia Whetzel ex J.W. Groves & M.E. Elliott
Streptotinia Whetzel
Stromatinia (Boud.) Boud.
Valdensia Peyronel
- Vibrisseaceae** Korf
Acephala Grünig & T.N. Sieber
Chlorovibrissea L.M. Kohn
Leucovibrissea (A. Sánchez) Korf
Pocillum De Not.
Vibrissea Fr.
- Helotiales** genera *incertae sedis*
Acidea Hujšlová & M. Kolařík
Acidomelania E. Walsh & N. Zhang
Algincola Velen.
Amylocarpus Curr.
Angelina Fr.
Apiculospora Wijayaw. et al.
Aquadiscula Shearer & J.L. Crane
Aquapoterium Raja & Shearer
Ascluella DiCosmo et al.
Ascoclavulina Otani
Banksiamyces G. Beaton
Belonioscyphella Höhn.
Benguetia Syd. & P. Syd.
Bioscypha Syd.
Brachyalara Réblová & W. Gams
Brefeldochium Verkley
Bryoclaviculus L. Ludw. et al.
Bryoglossum Redhead
Bulgariella P. Karst.
Bulgariopsis Henn.
Calycellinopsis W.Y. Zhuang
Capillipes R. Sant.
Capricola Velen.
Cashiella Petr.
Cejpia Velen.
Cenangiumella J. Fröhl. & K.D. Hyde
Cheirospora Moug. & Fr.
Chloroepilichen Etayo
Chlorospleniella P. Karst.
Chlorosplenium Fr.
Chondroderris Maire
Ciliella Sacc. & P. Syd.
Clathrosporium Nawawi & Kuthub.
Coleosperma Ingold
Colipila Baral & Guy García
Collembolispora Marvanová & Pascoal

- Comesia* Sacc.
Cornuntum Velen.
Coronellaria P. Karst.
Criserosphaeria Speg.
Crocicreas Fr.
Crucellisporium M.L. Farr
Crumenella P. Karst.
Cryptohymenium Samuels & L.M. Kohn
Cryptopezia Höhn.
Dactylaria Sacc.
Dawsicola Döbbeler
Dermateopsis Nannf.
Didonia Velen.
Discinella Boud.
Discomycella Höhn.
Durella Tul. & C. Tul.
Echinodiscus Etayo & Diederich
Encoeliopsis Nannf.
Episclerotium L.M. Kohn
Erikssonopsis M. Morelet
Fulvoflamma Crous
Gloeopeziza Zukai
Godroniopsis Diehl & E.K. Cash
Gorgoniceps (P. Karst.) P. Karst.
Grimmicola Döbbeler & Hertel
Grovesia Dennis
Gyoerffyella Kol
Hemiglossum Pat.
Humicolopsis Cabral & S. Marchand
Hyalodendriella Crous
Hydrocina Scheuer
Hymenobolus Durieu & Mont.
Hyphoscypha Velen.
Hysteronaevia Nannf.
Hysteropezizella Höhn.
Infundichalara Réblová & W. Gams
Involucroscypha Raitv.
Jacobsonia Boedijn
Lareunionomyces Crous & M.J. Wingf.
Larissia Raitv.
Lasseria Dennis
Lemalis Fr.
Lemonniera De Wild.
Leptodontidium de Hoog
Libartania Nag Raj
Livia Velen.
Margaritispora Ingold
Masseea Sacc.
Mastigosporium Riess
Melanopeziza Velen.
Merodontis Clem.
Microdiscus Sacc.
Mitrulinia Spooner
Monochaetiellopsis B. Sutton & DiCosmo
Mycosphaerangium Verkley
Obconicum Velen.
Obscurodiscus Raitv.
Orbiliopsis (Sacc. & D. Sacc.) Syd. & P. Syd.
Otwaya G. Beaton
Pachydisca Boud.
Parencoelia Petr.
Patellariopsis Dennis
Patinella Sacc.
Patinellaria H. Karst.
Peltigeromyces A. Möller
Pestalopezia Seaver
Pezolepis Syd.
Pezoloma Clem.
Pezomela Syd.
Phacidiella P. Karst.
Phaeofabraea Rehm
Phaeopyxis Rambold & Triebel
Pleoscutula Vou.
Podophacidium Niessl
Polydesmia Boud.
Potridiscus Döbbeler & Triebel
Pseudohelotium Fuckel
Pseudolachnum Velen.
Pseudopeltis L. Holm & K. Holm
Pseudotryblidium Rehm
Psilophana Syd.
Pteromyces E. Bommer et al.
Pubigera Baral et al.
Radotinea Velen.
Rhexocercosporidium U. Braun
Rhizocladosporium Crous & U. Braun
Rhizothyrium Naumov
Roseodiscus Baral
Sabahriopsis Crous & M.J. Wingf.
Sageria A. Funk
Sambucina Velen.
Sarcomyces Masee
Sclerocrana Samuels & L.M. Kohn
Scutulopsis Velen.
Skyttea Sherwood et al.
Skyttella D. Hawksw. & R. Sant.
Soosiella Hujšlová & M. Kolařík
Sorokina Sacc.
Sorokinella J. Fröhl. & K.D. Hyde
Spirosphaera Beverw.
Stamnaria Fuckel 1870
Stilbopeziza Speg.
Strossmayeria Schulzer
Tetracladium De Wild.
Thedgonia B. Sutton
Themisia Velen.

- Tovariella* Syd.
Trichohelotium Killerm.
Triposporium Corda
Varicosporium W. Kegel
Waltonia Saho
Woodiella Sacc. & P. Syd.
Xenopolyscytalum Crous
Xeromedulla Korf & W.Y. Zhuang
Zugazaea Korf et al.
- Lahmiales** O.E. Erikss.
Lahmiaceae O.E. Erikss.
Lahmia Körb.
- Lauriomycetales** Hern.-Restr. et al.
Lauriomycetaceae Hern.-Restr. et al.
Lauriomyces R.F. Castañeda
- Leotiales** Carpenter
Leotiaceae Corda
Alatospora Ingold
Flagellospora Ingold
Halenospora E.B.G. Jones
Leotia Pers.
Microglossum Gillet
Miniancora Marvanová & Bärl.
- Medeolariales** Korf
Medeolariaceae Korf
Medeolaria Thaxt.
- Phacidiales** C.E. Bessey
Helicogoniaceae Baral
Calloriopsis Syd. & P. Syd.
Eleutheromycella Höhn.
Eleutheromyces Fuckel
Gelatinipulvinella Hosoya & Y. Otani
Gelatinopsis Rambold & Triebe
Geltingia Alstrup & D. Hawksw.
Helicogonium W.L. White
- Phacidiaceae** Fr. (= *Bulgariaceae* Fr.; = *Phacidiostrumataceae* Höhn. *fide* Jaklitsch et al. 2016a)
Allantophomopsiella Crous
Allantophomopsis Petr.
Bulgaria Fr.
Darkera H.S. Whitney et al.
Lophophacidium Lagerb.
Phacidiopycnis Potebnia
Phacidium Fr.
Pseudophacidium P. Karst.
Starbaeckia Rehm ex Starbäck
- Tympanidaceae** Baral & Quijada
Claussenomyces Kirschst.
Collophorina Damm & Crous
- Durandiella* Seaver
Grovesiella M. Morelet
Holwaya Sacc.
Micraspis Darker
Myriodiscus Boedijn
Pragmopora A. Massal.
Tympanis Fr.
- Phacidiales genera incertae sedis**
Coma Nag Raj & W.B. Kendr.
Mniaecia Boud.*
- Rhytismatales** M.E. Barr ex Minter
Cudoniaceae P.F. Cannon
Cudonia Fr.
Spathularia Pers.
- Marthamycetaceae** Baral et al.
Cyclaneusma DiCosmo et al.
Marthamyces Minter
Mellitiosporiella Höhn.
Mellitiosporium Corda
Naemacyclus Fuckel
Phragmiticola Sherwood
Propolina Sacc.
Propolis (Fr.) Corda
- Rhytismataceae** Chevall. (= *Hypodermataceae* Rehm; = *Cryptomycetaceae* Höhn. nom. inval. *fide* Jaklitsch et al. 2016a)
Bifusella Höhn.
Bifusepta Darker
Bivallum P.R. Johnst.
Canavirgella W. Merr, Wenner & Dreisbach
Cavaraella Speg.
Ceratophacidium J. Reid & Piroz.
Cerion Masee
Coccomyces De Not.
Colpoma Wallr.
Criella (Sacc.) Sacc. & P. Syd.
Cryptomyces Grev.
Davisomycella Darker
Discocainia J. Reid & A. Funk
Duplicaria Fuckel
Duplicariella B. Erikss.
Elytroderma Darker
Gelineostroma H.J. Swart
Hypoderma De Not.
Hypodermella Tubeuf
Hypodermellina Höhn.
Hypohelion P.R. Johnst.
Lasiocticella Sherwood
Lirula Darker
Lophodermella Höhn.
Lophodermium Chevall.
Macroderma Höhn.

- Meloderma* Darker
Moutoniella Penz. & Sacc.
Mycamelanea Velen.
Myriophacidium Sherwood
Nematococomyces C.L. Hou et al.
Neococomyces Y.R. Lin et al.
Neophacidium Petr.
Nothorhytisma Minter et al.
Parvacoccum R.S. Hunt & A. Funk
Phaeophacidium P. Henn. & Lindau
Ploioderma Darker.
Propolidium Sacc.
Pseudorhytisma Juel
Pureke P.R. Johnst.
Rhytisma Fr.
Soleella Darker
Sporomega Corda
Terriera B. Erikss.
Therrya Sacc.
Tryblidiopsis P. Karst.
Virgella Darker
Vladracula P.F. Cannon et al.
Xyloschizon Syd.
Zeus Minter & Diamandis
- Rhytismatales* genera *incertae sedis***
Apiodiscus Petr.
Bonanseja Sacc.
Didymascus Sacc.
Haplophyse Theiss.
Irydyonia Racib.
Laquearia Fr.
Mycosymbioces J.L. Frank
Nymanomyces P. Henn.
Pseudotrochila Höhn.
- Thelebolales* P.F. Cannon**
***Thelebolaceae* (Brumm.) Eckblad**
Antarctomyces Stchigel & Guarro
Ascophanus Boud.
Ascozonus (Renny) E.C. Hansen
Caccobius Kimbr.
Cleistothelebolus Malloch & Cain
Coprobolus Cain & Kimbr.
Leptokalpion Brumm.
Pseudascozonus Brumm.
Ramgea Brumm.
Thelebolus Tode
- Triblidiales* O.E. Erikss.**
***Triblidiaceae* Rehm**
Huangshania O.E. Erikss.
Pseudographis Nyl.
Triblidium Rebent.
- Leotiomyces* families *incertae sedis***
***Amorphothecaceae* Parbery**
Amorphotheca Parbery
Hormoconis Arx & G.A. de Vries
- Myxotrichaceae* Currah**
Byssosascus Arx
Geomyces Traaen
Gymnostellatospora Udag. et al.
Myxotrichum Kunze
Oidiodendron Robak
Pseudogymnoascus Raillo
- Pseudeurotiaceae* Malloch & Cain**
Connersia Malloch
Leuconeurospora Malloch & Cain
Neelakesa Udaiyan & Hosag.
Pleuroascus Massee & E.S. Salmon
Pseudeurotium J.F.H. Beyma
- Leotiomyces* genera *incertae sedis***
Adelodiscus Syd.
Bagnisimitrula S. Imai
Callerascus Whitton et al.
Deltopyxis Baral & G. Marson
Epicladonia D. Hawksw. 1981
Exochalara W. Gams & Hol.-Jech.
Gelatinomyces N. Sanoamuang
Gorgomyces M. Gönczöl & Révay
Helicocentralis Sri-indr. et al.
Helotiella Sacc.
Leohumicola N.L. Nick.
Melanormia Körb.
Metapezizella Petr.
Ocotomyces H.C. Evans & Minter
Phyllopezis Petr.
Physmatomyces Rehm
Polydiscidium Wakef.
Polydiscidium Wakef.
Polydiscina Syd.
Psilothecium Clem.
Schnablia Sacc. & P. Syd.
Tetrachaetum Ingold
Trullula Ces.
- Class *Lichinomycetes* Reeb et al.**
***Lichinales* Henssen & Büdel**
***Gloeoheppiaceae* Henssen**
Gloeoheppia Gyeln.
Gudelia Henssen
Pseudopeltula Henssen
- Lichinaceae* Nyl.**
Anema Nyl. ex Forssell
Calotrichopsis Vain.

- Corynecystis* Brusse
Cryptothele Th. Fr.
Digitothyrea P. Moreno & Egea
Edwardiella Henssen
Ephebe Fr.
Finkia Vain.
Gyrocollema Vain.
Heppia Nägeli
Jenmania W. Wächt.
Lecidopyrenopsis Vain.
Lemmopsis (Vain.) Zahlbr.
Lempholemma Körb.
Leprocollema Vain.
Lichina C. Agardh
Lichinella Nyl.
Lichinodium Nyl.
Mawsonia C.W. Dodge
Metamelanea Henssen
Paulia Feé
Peccania A. Massal. ex Arnold
Phloeopeccania J. Steiner
Phylliscidiopsis Sambo
Phylliscidium Forssell
Phyllisciella Henssen & Büdel
Phylliscum Nyl.
Porocyphus Körb.
Pseudarctomia Gyeln.
Pseudoheppia Zahlbr.
Pseudopaulia M. Schultz
Psorotichia A. Massal.
Pterygiopsis Vain.
Pyrenocarpon Trevis.
Pyrenopsis Nyl.
Solorinaria (Vain.) Gyeln.
Stromatella Henssen
Synalissa Fr.
Thallinocarpon A.E. Dahl
Thelignya A. Massal.
Thermutis Fr.
Thermutopsis Henssen
Thyrea A. Massal.
Zahlbrucknerella Herre
- Peltulaceae** Büdel
Peltula Nyl.
- Class Orbiliomycetes** O.E. Erikss. & Baral
Orbiliales Baral et al.
Orbiliaceae Nannf.
Arthrobotrys Corda
Dactylella Grove
Dactylellina M. Morelet
Drechlerella Subram.
Gamsylella M. Scholler et al.
- Helicoön* Morgan
Hyalorbilia Baral & G. Marson
Lecophagus M.W. Dick
Orbilia Fr.
Pseudotriponidium Z.F. Yu & K.Q. Zhang
Pseudorbilia Y. Zhang et al.
Retiarius D.L. Olivier
Vermispora Deighton & Piroz.
- Orbiliales** genera *incertae sedis*
Microdochiella Hern.-Restr. & Crous
- Class Pezizomycetes** O.E. Erikss. & Winka
Pezizales J. Schröt.
Ascobolaceae Boud. ex Sacc.
Ascobolus Pers.
Cubonia Sacc.
Saccobolus Boud.
Thecotheus Boud.
- Ascodesmidaceae** J. Schröt.
Ascodesmis Tiegh.
Boubovia Svrček
Chalazion Dissing & Sivertsen
Coprotiella Jeng & J.C. Krug
Coprotus Korf ex Korf & Kimbr.
Dictyocoprotus J.C. Krug & R.S. Khan
Eleutherascus Arx
Lasiobolus Sacc.
Luciotrichus R. Galán & Raitv.
Ochotrichobolus Kimbr. & Korf
Trichobolus (Sacc.) Kimbr. & Cain
- Caloscyphaceae** Harmaja
Caloscypha Boud.
Kallistoskypha Pfister et al.
- Chorioactidaceae** Pfister
Chorioactis Kupfer ex Eckblad
Desmazierella Lib.
Neournula Paden & Tylutki
Pseudosarcosoma M. Carbone et al.
Strobiloscypha N.S. Weber & Denison
Trichaleurina Rehm
Wolfina Seaver ex Eckblad
- Discinaceae** Benedix
Discina (Fr.) Fr.
Gymnohydnotrya B.C. Zhang & Minter
Gyromitra Fr.
Hydnotrya Berk. & Broome
Pseudorhizina Jacz.
- Glaziellaceae** J.L. Gibson
Glaziella Berk.

Helvellaceae Fr.

Balsamia Vittad.
Barssia Gilkey
Helvella Fr.
Underwoodia Peck
Wynnella Boud.

Karstenellaceae Harmaja

Karstenella Harmaja

Morchellaceae Reichenb.

Disciotis Boud.
Fischerula Matt.
Imaia Trappe & Kovacs
Kalapuya M.J. Trappe et al.
Leucangium Quéf.
Mitrophora Lév.
Morchella Dill.
Verpa Sw.

Otideaceae Eckblad*

Acervus Kanouse
Arpinia Berthet
Ascosparassis Kobayasi
Diehliomyces Gilkey
Monascella Guarro & Arx
Otidea (Pers.) Bonord.
Warcupia Paden & J.V. Cameron
Wenylingia Zheng Wang & Pfister

Pezizaceae Dumort. (= *Carbomycetaceae* Trappe)

Adelphella Pfister
Amylascus Trappe
Aquapeziza D.M. Hu et al.
Boudiera Cooke
Carbomyces Gilkey
Cazia Trappe
Cleistoiodophanus J.L. Bezerra & Kimbr.
Delastria Tul. & C. Tul.
Eremiomyces Trappe & Kagan-Zur
Hapsidomyces J.C. Krug & Jeng
Hydnobolites Tul. & C. Tul.
Hydnoplicata Gilkey
Hydnotryopsis Gilkey
Iodophanus Korf
Iodowynnea Medel et al.
Lepidotia Boud.
Luteoamylascus Cabero et al.
Marcelleina Brumm. et al.
Mycoclelandia Trappe & G. Beaton
Pachyella Boud.
Pachyphloeus Tul. & C. Tul.
Peziza Fr.
Plicaria Fuckel
Plicariella (Sacc.) Rehm

Rhodopeziza Hohmeyer & Moravec

Ruhlandiella P. Henn.
Sarcosphaera Auersw.
Scabropeziza Dissing & Pfister
Sphaerozone Zobel
Temperantia K. Hansen et al.
Terfezia (Tul. & C. Tul.) Tul. & C. Tul.
Tirmania Chatin
Ulurua Trappe

Pyronemataceae Corda

Aleuria Fuckel
Aleurina Massee
Anthracobia Boud.
Barlaea Sacc.*
Byssonectria P. Karst.
Chaetothiersia B.A. Perry & Pfister *
Cheilymenia Boud.
Discomycetella Sanwal*
Eoaleurina Korf & W.Y. Zhuang
Galeoscypha Svrcek & J. Moravec
Genabea Tul. & C. Tul.*
Genea Vittad.
Geneosperma Rifai
Geopora Harkn.
Gilkeya M.E. Sm. et al.
Heydenia Fresen.
Humaria Fuckel
Jafnea Korf
Kotlabaea Svrcek
Lathraeodiscus Dissing & Sivertsen
Melastiza Boud.
Micronematobotrys Xiang Sun & L.D. Guo
Miladina Svrcek
Oviascoma Y.J. Yao & Spooner
Parascutellinia Svrcek
Paratrachophaea Trigaux
Petchiomyces E. Fisch. & Matt.
Phaeangium Pat.
Picoa Vittad.
Pseudaleuria Lusk
Pseudotracharina Van Vooren et al.
Pyronema Carus
Pyropyxis Egger
Ramsbottomia W.D. Buckley
Rhizoblepharia Rifai
Scutellinia (Cooke) Lambotte
Selenaspora R. Heim & Le Gal
Sepultaria (Cooke) P. Karst.*
Smardaea Svrcek
Smarodsia Raitv. & Vimba *
Sowerbyella Nannf.
Sphaerosporella (Svrcek) Svrcek & Kubička

- Spooneromyces* T. Schumach. & J. Moravec
Tricharina Eckblad (= *Ascorhizoctonia* Chin S. Yang & Korf)
Trichophaea Boud.
Trichophaeopsis Korf & Erb
Wilcoxina Chin S. Yang & Korf
- Rhizinaceae** Bonord.
Phymatotrichopsis Hennebert
Psilopezia Berk.
Rhizina Fr.
- Sarcoscyphaceae** LeGal ex Eckblad
Aurophora Rifai
Cookeina Kuntze
Geodina Denison
Kompsoscypha Pfister
Microstoma Bernstein
Nanoscypha Denison
Phillipsia Berk.
Pithya Fuckel
Pseudopithyella Seaver
Rickiella Syd.
Sarcoscypha (Fr.) Boud.
Thindia Korf & Waraitch
Wynnea Berk. & Curtis
- Sarcosomataceae** Kobayasi
Conoplea Pers.
Donadinia Bellem. & Meléndez-Howell
Galiella Nannf. & Korf
Korfiella D.C. Pant & V.P. Tewari
Plectania Fuckel
Pseudoplectania Fuckel
Sarcosoma Casp.
Strumella Fr.*
Urnula Fr.
- Tuberaceae** Dumort.
Choiromyces Vittad.
Dingleya Trappe
Labyrinthomyces Boedijn
Paradoxa Mattir.
Reddellomyces Trappe et al.
Tuber F.H. Wigg.
Nothojafnea Rifai
- Pezizales** genera *incertae sedis*
Aparaphysaria Speg.
Ascocalathium Eidam ex J. Schröt.
Boudierella Sacc.
Cephaliphora Thaxt.
Cidaris Fr.
Dennisiopsis Subram. & Chandras.
Filicupula Yao & Spooner
- Geopyxis* (Pers.) Sacc.
Heydenia Fresen.
Hiemsia Svrcek
Hydnocystis Tul.
Hypotarzetta Donadini
Lamprospora De Not.
Lasiobolidium Malloch & Cain
Lazuardia Rifai
Leucoscypha Boud
Loculotuber Trappe et al.
Microeurotium Ghatak
Mycoarctium K.P. Jain & Cain
Mycogalopsis Gjurasin
Neottiella (Cooke) Sacc.
Octospora Hedw.
Octosporella Döbbeler
Octosporopsis U. Lindem. & M. Vega
Orbicula Cooke
Orcadia G.K. Sutherl.
Paurocotylis Berk.
Pseudoboubovia U. Lindem. et al.
Pseudombrophila Boud.
Pulvinula Boud.
Rhodoscypha Dissing & Sivertsen
Rhodotarzetta Dissing & Sivertsen
Solanella Vaňha
Sphaerosoma Klotzsch
Stephensia Tul. & C. Tul.
Tarzetta (Cooke) Lambotte
- Class Sordariomycetes** O.E. Erikss. & Winka
Subclass Diaporthomycetidae Senan. et al.
Annulatascales D'souza et al.
Annulatasceae S.W. Wong et al.*
Annulatasculus K.D. Hyde
Annulusmagnus J. Campb. & Shearer
Aqualignicola Ranghoo et al.
Ascitendus J. Campb. & Shearer
Ayria Fryar & K.D. Hyde
Chaetorostrum Zelski et al.
Longicollum Zelski et al.
Rhamphoria Niessl
Submersisphaeria K.D. Hyde
Torrentispora K.D. Hyde et al.
Vertexicola K.D. Hyde et al.
- Atractosporales** H. Zhang et al.
Atractosporaceae H. Zhang et al.
Atractospora Réblová & J. Fourn.*
Rubellisphaeria Réblová & J. Fourn.
- Conlariaceae** H. Zhang et al.
Conlarium F. Liu & L. Cai*

Pseudoproboscisporeaceae H. Zhang et al.*

Diluviicola K.D. Hyde et al.
Pseudoproboscispora Punith.

Calosphaeriales M.E. Barr (= *Jobellisiales* M.J. D'souza & K.D. Hyde)***Calosphaeriaceae** Munk

Calosphaeria Tul. & C Tul.
Conidiotheca Réblová & L Mostert
Jattaea Berl
Kacosphaeria Speg.
Sulcatistroma A.W. Ramaley
Togniniella Réblová et al.
Tulipispora Révay & J. Gönczöl

Jobellisiaceae Réblová

Jobellisia M.E. Barr

Pleurostomataceae Réblová et al.

Pleurostoma Tul. & C. Tul.

Calosphaeriales genus *incertae sedis*

Enchnoa Fr.

Diaporthales Nannf.***Apiosporopsidaceae** Senan. et al.

Apiosporopsis (Traverso) Mariani.

Apharknessiaceae Senan. et al.

Apharknessia Crous & S.J. Lee
Lasmenia Speg.

Asterosporiaceae Senan. et al.

Asterosporium Kunze

Auratiopycnidiellaceae Senan. et al.

Auratiopycnidiella Crous & Summerell

Coryneaceae Corda (= *Pseudovalsaceae* M.E. Barr)

Coryneum Nees

Cryphonectriaceae Gryzenh. & M.J. Wingf.

Amphilogia Gryzenh. et al.
Aurantioportha G. Beier & R.A. Blanchette
Aurantiosacculus Dyko & B. Sutton
Aurapex Gryzenh. & M.J. Wingf.
Aurifilum Begoude et al.
Celoportha Nakab. et al.
Chromendothia Lar.N. Vassiljeva
Chrysofolia Crous & M.J. Wingf.
Chrysoportha Gryzenh. & M.J. Wingf.
Corticimorbus S.F. Chen & M.J. Wingf.
Cryphonectria (Sacc.) Sacc. & D. Sacc.
Cryptometrion Gryzenh. & M.J. Wingf.
Diversimorbus S.F. Chen & J. Roux
Endothia Fr.
Foliocryphia Cheew. & Crous
Holocryphia Gryzenh. & M.J. Wingf.

Immersiporthe S.F. Chen et al.

Latruncellus M. Verm. et al.

Luteocirrhus C.F. Crane & T.I. Burgess

Mastigospora Höhn.

Microthia Gryzenh. & M.J. Wingf.

Rostraureum Gryzenh. & M.J. Wingf.

Ursicollum Gryzenh. & M.J. Wingf.

Cytosporaceae Fr. (= *Valsaceae* Tul. & C. Tul.)*

Cytospora Ehrenb.

Hypophloeda K.D. Hyde & E.B.G. Jones

Pachytrype Berl. ex M.E. Barr et al.

Paravalsa Ananthap.

Waydora B. Sutton

Xenotypa Petr.

Diaporthaceae Höhn. ex Wehm.

Apioporthella Petr.

Caudospora Starbäck

Chaetoconis Clem.

Chiangraiomyces Senan. & K.D. Hyde

Diaportha Nitschke (= *Allantoportha* Petr., = *Clypeoporthella* Petr.)

Hyaliappendispora Senan. et al.

Leucodiaportha M.E. Barr & Lar.N. Vassiljeva

Lolliopapaia Inderb.

Mazzantia Mont.

Ophiodiaportha Y.M. Ju et al.

Paradiaportha Senan. et al.

Phaeocystostroma Petr.

Phaeodiaportha Petr.

Pustulomyces D.Q. Dai et al.

Stenocarpella Syd. & P. Syd.

Erythrogloeaceae Senan. et al.

Chrysocrypta Crous & Summerell

Disculoides Crous et al.

Erythrogloeum Petr.

Gnomoniaceae G. Winter

Alnecium Voglmayr & Jaklitsch

Ambarignomonina Sogonov

Amphiportha Petr. (= *Amphicytostroma* Petr.)

Anisomyces Theiss. & Syd.

Apiognomonina Höhn. (= *Discula* Sacc.)

Apioplagiostoma M.E. Barr

Asteroma DC.

Bagcheea E. Müll. & R. Menon

Chadefaudiomyces Kamat

Clypeoportha Höhn.

Cryptosporella Sacc.

Diplacella Syd.

Ditopella De Not.

Ditopellopsis J. Reid & C. Booth

Gloeosporidina Petr.

- Gnomonia* Ces. & De Not.
Gnomoniella Sacc. (= *Cylindrosporella* Höhn.)
Gnomoniopsis Berl.
Maculatipalma J. Fröhlich & K.D. Hyde
Mamianiella Höhn. (= *Anisogramma* Theiss. & Syd.; =
Mamiania Ces & De Not.)
Marsupiomycetes Senan. & K.D. Hyde
Millerburtonia Cif .
Occultocarpon L.C. Mejía & Zhu L. Yang
Ophiognomonia (Sacc.) Sacc.
Phragmoporthes Petr.
Phylloporthe Syd.
Plagiostoma Fuckel
Pleuroceras Riess.
Sirococcus Preuss
Spataporthes Bronson et al.
Uleoporthes Petr.
Uniseta Ciccari
Valsalnicola D.M. Walker & Rossman
Vismaya V.V. Sarma & K.D. Hyde
- Harknessiaceae** Crous
Dwiroopa Subram. & Muthumary
Harknessia Cooke
Mebarria J. Reid & C. Booth
- Juglanconidaceae** Voglmayr & Jaklitsch
Juglanconis Voglmayr & Jaklitsch
- Lamproconiaceae** C. Norphanphoun et al.
Hercospora Fr. (= *Rabenhorstia* Fr.)
Lamproconium (Grove) Grove
- Macrohilaceae** Crous
Macrohilum H.J. Swart
- Melanconidaceae** G. Winter
Melanconis Tul. & C. Tul.
- Melanconiellaceae** Senan. et al.
Dicarpella Syd. & P. Syd.
Greeneria Scribn. & Viala
Massariovalsia Sacc. (= *Melanconiopsis* Ellis & Everh.)
Melanconiella Sacc.
Microascospora Senan. & K.D. Hyde
Sphaeronaemella s. lato*
Tubakia B. Sutton
- Prosopidicolaceae** Senan. & K.D. Hyde
Prosopidicola Crous & C.L. Lennox
- Pseudoplagiostomataceae** Cheew. et al.
Pseudoplagiostoma Cheew. et al.
- Schizoparmaceae** Rossman
Coniella Höhn.
- Stilbosporaceae** Link
Crinitospora B. Sutton & Alcorn
Natarajania Pratibha & Bhat
Stegonsporium Corda
Stilbospora Pers.
- Sydowiellaceae** Lar.N. Vassiljeva*
Alborbis Senan. & K.D. Hyde
Breviappendix Senan. & K.D. Hyde
Cainiella E. Müll.
Calosporella J. Schröt
Chapeckia M.E. Barr
Hapalocystis Auersw. ex Fuckel
Italiomyces Senan. et al.
Lambro Racib.
Paragnomonis Senan. & K.D. Hyde
Ranulospora Senan. et al.
Rossmania Lar.N. Vassiljeva
Sillia P. Karst.
Sydowiella Petr.
Tenuiappendicula Senan. et al.
Tortilispora Senan. & K.D. Hyde
- Diaporthales** genera *incertae sedis*
Ceratoporthes Petr.
Cryptascoma Ananthap.
Cryptoleptosphaeria Petr.
Cryptonectriella (Höhn.) Weese
Cryptonectriopsis (Höhn.) Weese
Cytomelanconis Naumov
Diaporthella Petr.
Diatrypoidiella Manohar et al.
Dictyoporthes Petr.
Ditopellina J. Reid & C. Booth
Durispora K.D. Hyde
Exormatostoma Gray
Fremineavia Nieuwl.
Gibellia Sacc.
Gyrostroma Naumov
Hyalorostratum Raja & Shearer
Hypospilina (Sacc) Traverso
Kapooria J. Reid & C. Booth
Keinstirschia J. Reid & C. Booth
Kensinjinia J. Reid & C. Booth
Leptosillia Höhn.
Macrodiaporthes Petr.
Melanamphora Lafl.
Pedumispora K.D. Hyde & E.B.G. Jones
Phaeoappendicospora Senan. et al.*
Phragmodiaporthes Wehm.
Plagiophiale Petr.
Prostratus Sivan. et al.
Pseudocryptosporella J. Reid & C. Booth

- Pseudothis* Theiss. & Syd.
Pseudovalsella Höhn.
Savulescua Petr.
Skottsbergiella Petr.
Sphaerognomoniella Naumov & Kusnezowa
Stioclettia Dennis
Trematovalsa Jacobesco
Wehmeyera J. Reid & C. Booth
Wuestneia Auersw. ex Fuckel
Wuestneiopsis J. Reid & Dowsett
- Magnaporthales** Thongk. et al.
Magnaporthaceae P.F. Cannon
Budhanggurabania P. Wong et al.
Buergenerula Syd.
Bussabanomyces Klaubauf et al.
Ceratosphaerella Huhndorf et al.
Ceratosphaeria Niessl.
Clasterosphaeria Sivan.
Clasterosporium Schwein
Clavatisporella K.D. Hyde
Falciphoriella M. Hern.-Restr. & Crous
Falciphora J. Luo & N. Zhang
Gaeumannomycella M. Hern.-Restr. & Crous
Gaeumannomyces Arx & D.L. Olivier
Herbampulla Scheuer & Nograsedk
Kohlmeyeriopsis Klaubauf et al.
Magnaporthiopsis J. Luo & N. Zhang
Muraeriata Huhndorf et al.
Mycoleptodiscus Ostaz.
Nakataea Hara
Neogaeumannomyces D.Q. Dai & K.D. Hyde
Omnidemtus P.F. Cannon & Alcorn
Pseudophialophora J. Luo & N. Zhang
Pyriculariopsis M.B. Ellis
Slopeiomyces Klaubauf et al.
- Ophioceraeae** Klaubauf et al.
Ophioceras Sacc.
- Pseudohalonectriaceae** Hongsanan & K.D. Hyde
Pseudohalonectria Minoura & T. Muroi
- Pyriculariaceae** Klaubauf et al.
Bambusicularia Klaubauf et al.
Barretomyces Klaubauf et al.
Deightoniella S. Hughes
Macgarvieomyces Klaubauf et al.
Neocordana Hern.-Rest. & Crous
Neopyricularia Klaubauf et al.
Proxipyricularia Klaubauf et al.
Pseudopyricularia Klaubauf et al.
Pyricularia Sacc.
Xenopyricularia Klaubauf et al.
- Myrmecridiales** Crous
Myrmecridiaceae Crous
Myrmecridium Arzanlou et al.
- Ophiostomatales** Benny & Kimbr.
Kathistaceae Malloch & M. Blackw.
Kathistes Malloch & M. Blackw.
Mattirolella S. Colla
Termitariopsis M. Blackw. et al.
- Ophiostomataceae** Nannf.
Ceratocystiopsis H.P. Upadhyay & W.B. Kendr.
Fragosphaeria Shear
Grosmanina Gold.
Hawksworthiomyces Z.W. de Beer et al.
Hyalobelemnospora Matsush.
Hyalorhinocladia H.P. Upadhyay & W.B. Kendr.
Klasterskya Petr.
Leptographium Lagerb. & Melin
Ophiostoma Syd. & P. Syd.
Pesotum J.L. Crane & Schokn.
Raffaelea Arx & Hennebert
Sporothrix Hektoen & C.F. Perkins
Spumatoria Massee & E.S. Salmon
Subbaromyces Hesselt.
- Phomatosporales** Senan. et al.
Phomatosporaceae Senan. & K.D. Hyde
Lanspora K.D. Hyde & E.B.G. Jones
Phomatospora Sacc.
Tenuimurus Senan. et al.
- Tirisporellales** Jones et al.
Tirisporellaceae Suetrong et al.
Bacusphaeria Norlailatul et al.
Tirisporella E.B.G. Jones et al.
Thailandiomyces Pinruan et al.
Phruensis Pinruan
- Togniniales** Senan. et al.
Togniniaceae Réblová et al.
Phaeoacremonium W. Gams et al.
- Diaporthomycetidae** families *incertae sedis*
Barbatosphaeriaceae H. Zhang et al.*
Barbatosphaeria Réblová
Ceratosomella Sacc.
Xylomelasma Réblová
- Distoseptisporaceae** K.D. Hyde & McKenzie
Distoseptispora K.D. Hyde et al.
- Lentomitellaceae** H. Zhang et al.*
Lentomitella Höhn.
- Papulosaceae** Winka & O.E. Erikss.
Brunneospora V.M. Ranghoo & K.D. Hyde

- Fluminicola* S.W. Wong et al.
Papulosa Kohlm & Volkm-Kohlm
Platytrachelon Réblová
- Sporidesmiaceae** Fr.
Sporidesmium Link
- Thyridiaceae** O.E. Erikss & J.Z. Yue
Mattirolia Berl. & Bres.
Pleurocytospora Petr.
Thyridium Nitschke
- Trichosphaeriaceae** G. Winter
Acanthosphaeria Kirschst.
Brachysporium Sacc.
Collematospora Jeng & Cain
Coniobrevicolla Réblová
Cresporhaphis M.B. Aguirre
Cryptadelphia Réblová & Seifert
Eriosphaeria Sacc.
Fluviostroma Samuels & E. Müll.
Kananascus Nag Raj
Khuskia H.J. Huds.
Koorchaloma Subram.
Neorehmi Höhn.
Oplothecium Syd.
Rizalia Syd. & P. Syd.
Schweinitziella Speg.
Setocampanula Sivan. & W.H. Hsieh
Stromatographium Höhn.
Trichosphaeria Fuckel
Unisetosphaeria Pinnoi et al.
- Woswasiaceae** H. Zhang et al.*
Cyanoannulus Raja et al.
Woswasia Jaklitsch et al.
Xylochrysis Réblová et al.
- Diaporthomycetidae** genera *incertae sedis*
Aquapteridospora J. Yang et al.
Aquaticola W.H. Ho et al.*
Clohiesia K.D. Hyde
Dictyospora Abdel-Aziz
Fusoidispora D. Vijaykrishna et al.*
Pseudoannulatacus Z.L. Luo et al.*
Pseudostanjehughesia J. Yang & K.D. Hyde
- Subclass Hypocreomycetidae** O.E. Erikss. & Winka
Coronophorales Nannf. (= *Melanosporales* N. Zhang & M. Blackw.)*
Bertiaceae Smyk
Bertia De Not.
Gaillardiiella Pat. *
- Ceratostomataceae** G. Winter
Arxiomyces P.F. Cannon & D. Hawksw.
- Erythrocarpon* Zukai
Gonatobotrys Corda
Melanospora Corda
Pteridiosperma J.C. Krug & Jeng
Pustulipora P.F. Cannon
Rhytidosporea Jeng & Cain
Setiferotheca Matsush.
Vittatispora P. Chaudhary et al.
- Chaetosphaerellaceae** Huhndorf et al.
Chaetosphaerella E. Müll. & C. Booth
Crassochaeta Réblová
Spinulosphaeria Sivan.
- Coronophoraceae** Höhn.
Coronophora Fuckel
- Nitschkiaceae** (Fitzp.) Nannf.
Acanthonitschkea Speg.
Biciliosporina Subram. & Sekar
Botryola Bat. & J.L. Bezerra
Fracchiaea Sacc.
Groenhiella Jørg. Koch et al.
Janannfeldtia Subram. & Sekar
Lasiosphaeriopsis D. Hawksw. & Sivan.
Loranitschkia Lar.N. Vassiljeva
Neochaetosphaerella Lar.N. Vassiljeva et al.
Neotrotteria Sacc.
Nitschkia G.H. Otth ex P. Karst.
Rhagadostoma Körb.
Rhagadostomella Etayo
Tortulomyces Lar.N. Vassiljeva et al.
- Scortechiniaceae** Huhndorf et al.
Biciliospora Petr.
Coronophorella Höhn.
Cryptosphaerella Sacc.
Euacanth Theiss.
Neofracchiaea Teng
Scortechinia Sacc.
Scortechiniella Arx & E. Müll.
Scortechiniellopsis Sivan.
Tympanopsis Starbäck
- Coronophorales** genera *incertae sedis*
Papulaspora Preuss
Pseudocatenomyces Crous & L.A. Shuttlew.
Sphaerodes Clem.
- Falcocladiales** R.H. Perera et al.
Falcocladiaceae Somrithipol et al.
Falcocladium S.F. Silveira et al.
- Glomerellales** Chadeff. ex Réblová et al.
Australiascaceae Réblová & W. Gams
Monilochaetes Halst. ex Harter

Glomerellaceae Locq. ex Seifert & W. Gams*Colletotrichum* Corda**Plectosphaerellaceae** W. Gams et al.*Acrostalagmus* Corda*Chordomyces* Bilanenko et al.*Gibellulopsis* Bat. & H. Maia*Lectera* P.F. Cannon*Longitudinalis* Tibpromma & K.D. Hyde**Musicillium* Zare & W Gams*Plectosphaerella* Kleb.*Sodiomyces* A.A. Grum-Grzhim. et al.*Stachylidium* Link*Verticillium* Nees**Reticulascaceae** Réblová & W. Gams*Blastophorum* Matsush.*Cylindrotrichum* Bonord.*Kylindria* DiCosmo et al.*Sporoschismopsis* Hol-Jech. & Hennebert**Glomerellales** genera *incertae sedis**Ascocodinaea* Samuels et al.*Malaysiasca* Crous & M.J. Wingf.**Hypocreales** Lindau**Bionectriaceae** Samuels & Rossman*Acremonium* Link*Anthonectria* Döbbeler*Aphanotria* Döbbeler*Battarrina* (Sacc.) Clem. & Shear*Bryocentria* Döbbeler*Bullanockia* Crous*Clibanites* (P. Karst.) P. Karst.*Clonostachys* Corda*Dimerosporiella* Speg.*Fusariella* Sacc.*Gliomastix* Guég.*Globonectria* Etayo*Gracilistibella* Seifert*Halonectria* E.B.G. Jones*Heleococcum* P.M. Jørg.*Hydropisphaera* Dumort*Ijuhya* Starbäck*Kallichroma* Kohlm. & Volkm.-Kohlm.*Lasionectria* (Sacc) Cooke*Mycoarachis* Malloch & Cain*Mycocitrus* Möller*Nectriella* Nitschke ex Fuckel*Nectriopsis* Maire*Ochronectria* Rossman & Samuels*Ovicuculispora* Etayo*Paracylindrocarpon* Crous et al.*Paranectria* Sacc.*Peristomialis* (W. Phillips) Boud.*Pronectria* Clem.*Protocreopsis* Yoshim Doi*Roumegueriella* Speg.*Selinia* P. Karst.*Spicellum* Nicot & Roquebert*Stephanonectria* Schroers & Samuels*Stilbocrea* Pat.*Stromatonectria* Jaklitsch & H. Voglmayr*Synnemellisia* N.K. Rao et al.*Trichonectria* Kirschst.*Verrucostoma* Hirooka et al.**Clavicipitaceae** (Lindau) Earle ex Rogerson (= *Flammocladiellaceae* Crous et al.)**Aciculosporium* I. Miyake*Aphanocladium* W. Gams*Atkinsonella* Diehl*Balansia* Speg.*Cavimalum* Yoshim. Doi et al.*Chamaeleomyces* Sigler*Claviceps* Tul.*Collarina* Giraldo et al.*Conoideocrella* D. Johnson et al.*Corallocytostroma* Y.N. Yu & Z.Y. Zhang*Diploöspora* Grove*Dussiella* Pat.*Epichloë* (Fr.) Tul. & C. Tul.*Epicrea* Petr.*Flammocladiella* Crous et al.*Helminthascus* Tranzschel*Heteroepichloë* E. Tanaka et al.*Hypocrella* Sacc.*Konradia* Racib.*Loculistroma* F. Patt & Charles*Metacordyceps* G.H. Sung et al.*Metapochonia* Kepler et al.*Metarhiziosis* D.W. Li et al.*Metarhizium* Sorokīn*Moelleriella* Bres.*Mycomalus* A. Möller*Mycophilomyces* Crous & M.J. Wingf.*Myriogenospora* G.F. Atk.*Neobarya* Lowen*Neoclaviceps* J. White et al.*Neocordyceps* Kobayasi*Neotyphodium* Glenn et al.*Nigrocornus* Ryley & Langdon*Nomuraea* Maubl.*Orbiocrella* D. Johnson et al.*Periglandula* U. Steiner et al.*Pochonia* Bat. & O.M. Fonseca*Pseudogibellula* Samson & H.C. Evans*Pseudomeria* G.L. Barron

- Regiocrella* Chaverri & K.T. Hodge
Rotiferophthora G.L. Barron
Samuelsia Chaverri & K.T. Hodge
Shimizuomyces Kobayasi
Sphacelia Lév.
Sphaerocordyceps Kobayasi
Stereocrea Syd. & P. Syd.
Tyrannicordyceps Kepler & Spatafora
Ustilaginoidea Bref.
- Cordycipitaceae** Kreisel ex G.M. Sung et al.
Akanthomyces Lebert (= *Torrubiella* Boud., = *Lecanicillium* W. Gams & Zare)*
Amphichorda Fr.
Ascopolyporus Möller
Beauveria Vuill.
Beejasamuha Subram. & Chandrash.
Blackwellomyces Spatafora & Luangsa-ard
Cordyceps (Fr.) Link
Coremiopsis Sizova & Suprun
Engyodontium de Hoog
Gibellula Cavara
Granulomanus de Hoog & Samson
Hevansia Luangsa-ard et al.
Hyperdermium J. White et al.
Isaria Pers.
Microhilum H.Y. Yip & A.C. Rath
Simplicillium W. Gams & Zare
Sypastospora P.F. Cannon & D. Hawksw.
- Hypocreaceae** De Not.
Arachnocrea Z. Moravec.
Cladobotryum Nees
Dialhypocrea Speng.
Escovopsioides H.C. Evans & J.O. Augustin
Escovopsis J.J. Muchovej & Della Lucia
Hypocreopsis P. Karst.
Hypomyces (Fr.) Tul.
Lichenobarya Etayo et al.
Mycogone Link
Protocrea Petch
Pseudohypocrea Yoshim. Doi
Rogersonia Samuels & Lodge
Sepedonium Link
Sibirina G.R.W. Arnold
Sphaerostilbella (Henn.) Sacc. & D. Sacc
Sporophagomyces K. Pöldmaa & Samuels
Trichoderma Pers.
Verticimonosporium Matsush.
- Nectriaceae** Tul. & C. Tul.
Albonectria Rossman & Samuels
Allantonectria Earle
Allonectella Petr.
- Aquanectria* L. Lombard & Crous
Atractium Link
Baipadisphaeria Pinruan
Bisifusarium L. Lombard et al.
Calonectria De Not.
Calostilbe Sacc. & Syd.
Campylocarpon Halleen et al.
Chaetonectrioides Matsush.
Chaetopsina Rambelli
Coccinonectria Lombard & Crous
Corallomycetella Henn.
Corallonectria C. Herrera & P. Chaverri
Corinectria C. González & P. Chaverri*
Cosmospora Rabenh.
Curviciadiella Decock & Crous
Curviciadium Decock & Crous
Cyanochyta Höhn.
Cyanonectria Samuels & Chaverri
Cyanophomella Höhn.
Cylindrocladiella Boesew.
Cylindrodendrum Bonord.
Dacryoma Samuels
Dactylonectria L. Lombard & Crous
Dematiocladium Allegr. et al.
Fusarium Link
Fusicolla Bonord
Geejayessia Schroers et al.
Gliocephalotrichum J.J. Ellis & Hesselt.
Gliocladiopsis S.B. Saksena
Ilyonectria P. Chaverri & C. Salgado
Macroconia (Wollenw.) Gräfenhan et al.
Mariannaea G. Arnaud ex Samson
Microcera Desm.
Nalanthamala Subram.
Nectria (Fr.) Fr.
Neocosmospora E.F. Sm.
Neonectria Wollenw.
Ophionectria Sacc.
Paracremonium L. Lombard & Crous
Payosphaeria W.F. Leong
Penicillifer Emden
Persiciospora P.F. Cannon & D. Hawksw.
Pleiocarpon L. Lombard & D. Aiello
Pleogibberella Sacc.
Pleurocolla Petr.
Pseudocosmospora C. Herrera & P. Chaverri
Pseudonectria Seaver
Rectifusarium Lombard et al.
Rugonectria P. Chaverri & Samuels
Sarcopodium Ehrenb.
Stylonectria Höhn.
Thelonectria P. Chaverri & C.G. Salgado
Thyronectria Sacc.

- Varicosporella* Lechat & J. Fourn.
Volutella Fr.
Xenoacremonium Lombard & Crous
Xenocylindrocladium Decock et al.
Xenogliocladiopsis Crous & W.B. Kendr.
Xenoleptographium Marinc. et al.
Xenonectriella Weese
- Niessliaceae** Kirschst.
Atronectria Etayo
Circinoniesslia Samuels & M.E. Barr
Cryptoniesslia Scheuer
Eucasphaeria Crous
Hyaloseta A.W. Ramaley
Malmeomyces Starb.
Melchioria Penz. & Sacc.
Miyakeomyces Hara
Myrmaeciella Lindau
Myrtacremonium Crous
Niesslia Auersw.
Paraniesslia K.M. Tsui et al.
Pseudonectriella Petr.
Pseudorhynchia Höhn.
Rosasphaeria Jaklitsch & Voglmayr
Taiwanascus Sivan & H.S. Chang
Trichosphaerella E. Bommer et al.
Valetoniella Höhn.
- Ophiocordycipitaceae** G.H. Sung et al.
Drechmeria W. Gams & H.B. Jansson
Harposporium Lohde
Hymenostilbe Petch
Ophiocordyceps Petch
Polycephalomyces Kobayasi
Purpureocillium Luangsa-ard et al.
Tolypocladium W. Gams
- Stachybotryaceae** L. Lombard & Crous
Achroiostachys L. Lombard & Crous
Albifimbria L. Lombard & Crous
Albosynnema E.F. Morris
Alfaria Crous et al.
Alfariacyadiella Crous & R.K. Schumach.
Brevistachys L. Lombard & Crous
Capitofimbria L. Lombard & Crous
Cymostachys L. Lombard & Crous
Didymostilbe Henn.
Dimorphiseta L. Lombard & Crous
Globobotrys L. Lombard & Crous
Grandibotrys L. Lombard & Crous
Gregatothecium L. Lombard & Crous
Inaequalispora L. Lombard & Crous
Kastanostachys L. Lombard & Crous
Koorchalomella Chona et al.*
- Melanopsamma* Niessl
Memmoniella Höhn.
Myrothecium Tode
Myxospora L. Lombard & Crous
Neomyrothecium L. Lombard & Crous
Paramyrothecium L. Lombard & Crous
Parasarcopodium Mel'nik et al.
Parvothecium L. Lombard & Crous
Peethambara Subram. & Bhat
Septomyrothecium Matsush.
Sirastachys L. Lombard & Crous
Smaragdiniseta L. Lombard & Crous
Stachybotrys Corda
Striatibotrys L. Lombard & Crous
Striaticonium L. Lombard & Crous
Tangerinosporium L. Lombard & Crous
Virgatospora Finley
Xenomyrothecium L. Lombard & Crous
Xepicula Nag Raj
Xepiculopsis Nag Raj
- Tilachlidiaceae** Lombard & Crous
Septofusidium W. Gams
Tilachlidium Preuss
- Hypocreales** genera *incertae sedis*
Acremoniopsis Giraldo et al.
Berkelella (Sacc.) Sacc.
Bulbithecium Udagawa & T Muroi
Cylindrium Bonord.
Emericellopsis J.F.H. Beyma
Geosmithia J. Pitt
Gynonectria Döbbeler
Hapsidospora Malloch & Cain
Haptospora G.L. Barron
Harzia Costantin
Illosporiopsis D. Hawksw.
Illosporium Mart.
Leucosphaerina Arx
Metadothella Henn.
Munkia Speg.
Neomunkia Petr.
Neothyronectria Crous & Thangavel
Nigrosabulum Malloch & Cain
Peloronectria Möller
Perennicordyceps Matočec & I. Kušan
Pseudoacremonium Crous
Pseudoidriella Crous & R.G. Shivas
Pseudomeliola Speg.
Rodentomyces Doveri et al.
Roselliniella Vain
Sarocladium W. Gams & D. Hawksw.
Sedecimiella K.L. Pang et al.
Stanjemonium W. Gams et al.

- Stilbella* Lindau
Ticonectria Döbblers
Tilakidium Vaidya et al.
Trichothecium Link
Valetoniellopsis Samuels & M.E. Barr
- Microascales** Luttr. ex Benny & Kimbr.
Ceratocystidaceae Locq. ex Réblová et al.
Ambrosiella Brader ex Arx & Hennebert
Ceratocystis Ellis & Halst.
Chalaropsis Peyronel
Davidsoniella Z.W. de Beer et al.
Endoconidiophora Münch
Huntiella Z.W. de Beer et al.
Thielaviopsis Went.
- Chadefaudiellaceae** Faurel & Schotter ex Benny & Kimbr.
Chadefaudiella Faurel & Schotter
Faurelina Locq.-Lin.
- Gondwanamycetaceae** Réblová et al.
Custingophora Stolk et al.
Gondwanamycetes Marais & M.J. Wingf.
- Graphiaceae** De Beer
Graphium Corda
- Halosphaeriaceae** E. Müll & Arx ex Kohlm.
Alisea J. Dupont & E.B.G. Jones
Aniptodera Shearer & M. Miller
Anisostagma K.R.L. Petersen & Jørg. Koch
Antennospora Meyers
Appendichordella R.G. Johnson et al.
Arenariomyces Höhnk
Ascosacculus J. Campbell et al.
Bathyascus Kohlm.
Carbosphaerella I. Schmidt
Ceriosporopsis Linder
Chadefaudia Feldm.-Maz.
Cirrenalia Meyers & R.T. Moore
Clavatospora Sv. Nilsson ex Marvanová & Sv. Nilsson
Corallicola Volkm.-Kohlm. & Kohlm.
Corollospora Werderm
Cucullosporella K.D. Hyde & E.B.G. Jones
Ebullia K.L. Pang
Fluviatispora K.D. Hyde
Gesasha Abdel-Wahab & Nagah.
Haiyanga K.L. Pang & E.B.G. Jones
Haligena Kohlm.
Halosarpheia Kohlm. & E. Kohlm.
Halosphaeria Linder
Halosphaeriopsis T.W. Johnson
Havispora K.L. Pang & Vrijmoed
Iwilsoniella E.B.G. Jones
Kitesporella Jheng & K.L. Pang
- Kochiella* Sakay. et al.
Lignincola Höhnk
Limacospora Jørg. Koch & E.B.G. Jones
Luttrellia Shearer
Magnisphaera J. Campb. et al.
Marinospora A.R. Caval.
Moana Kohlm. & Volkm.-Kohlm.
Morakotiella Sakay.
Nai's Kohlm.
Natantisporea J. Campb. et al.
Nautosphaeria E.B.G. Jones
Neptunella K.L. Pang & E.B.G. Jones
Nereiospora EBG Jones et al.
Nimbospora Jørg. Koch
Nohea Kohlm. & Volkm.-Kohlm.
Oceanitis Kohlm.
Ocostaspora E.B.G. Jones et al.
Okeanomyces K.L. Pang & E.B.G. Jones
Ondiniella E.B.G. Jones et al.
Ophiodeira Kohlm. & Volkm.-Kohlm.
Phaeonectriella R.A. Eaton & E.B.G. Jones
Praelongicaulis Jones et al.
Panorbis J. Campb. et al.
Pileomyces K.L. Pang & Jheng
Pseudolignincola Chatmala & E.B.G. Jones
Remispora Linder
Saagaromyces K.L. Pang & E.B.G. Jones
Sablicola E.B.G. Jones et al.
Sigmoidea J.L. Crane
Thalassogena Kohlm. & Volkm.-Kohlm.
Thalespora Chatmala & E.B.G. Jones
Tirisporea E.B.G. Jones & Vrijmoed
Toriella Sakay. et al.
Trailia G.K. Sutherl.
Trichomaris Hibbits et al.
Tubakiella Sakay. et al.
Tunicatispora K.D. Hyde
- Microascaceae** Luttr. ex Malloch
Acaulium Sopp
Brachyconidiellopsis Decock et al.
Canariomyces Arx
Cephalotrichum Link
Doratomyces Corda
Echinobotryum Corda
Enterocarpus Locq.-Lin.
Gamsia M. Morelet
Kernia Nieuwl.
Knoxdaviesia M.J. Wingf. et al.
Lophotrichus R.K. Benj.
Microascus Zukal
Parascenedosporium Gilgado et al.
Petriella Curzi

- Pseudallescheria* Negroni & I. Fisch.
Pseudoscopulariopsis M. Sandoval-Denis et al.
Rhinocladium Sacc. & Marchal
Scedosporium Sacc. ex Castell. & Chalm.
Scopulariopsis Bainier
Tinhaudeus K.L. Pang et al.
Wardomyces F.T. Brooks & Hansf.
Wardomycopsis Udagawa & Furuya
Yunnania H.Z. Kong
- Microascales** genera *incertae sedis*
Cephalotrichiella Crous
Cornuvesica C.D. Viljoen et al.
Gabarnaudia Samson & W. Gams
Sporendocladia G. Arnaud ex Nag Raj & W.B. Kendr.
Triadelphia Shearer & J.L. Crane
- Torpedosporales** E.B.G. Jones et al.
Etheiophoraceae Rungjindamai et al.
Etheiophora Kohlm. & Volkm.-Kohlm.
Swampomyces Kohlm. & Volkm.
- Juncigenaceae** E.B.G. Jones et al.
Juncigena Kohlm et al.
Fulvocentrum E.B.G. Jones & Abdel-Wahab
Marinokulati E.B.G. Jones & K.L. Pang
Moheitospora Abdel-Wahab et al.
- Torpedosporaceae** E.B.G. Jones & K.L. Pang
Torpedospora Meyers
- Hypocreomycetidae** genera *incertae sedis*
Campylospora Ranzoni
Dendroclathra Voglmayr & G. Delgado
- Subclass Lulworthiomycetidae** Dayarathne et al.
Koralionastetales Kohlm. et al.
Koralionastetaceae Kohlm. & Volkm.-Kohlm.
Koralionastes Kohlm. & Volkm.-Kohlm.
Pontogeneia Kohlm.
- Lulworthiales** Kohlm. et al.
Lulworthiaceae Kohlm. et al.
Cumulospora I. Schmidt
Halazon Abdel-Aziz et al.
Haloguignardia A. Cribb & J. Cribb
Hydea K.L. Pang & E.B.G. Jones
Kohlmeyeriella E.B.G. Jones et al.
Lindra I. Wilson
Lulwoana Kohlm. et al.
Lulwoidea Kohlm. et al.
Lulworthia G.K. Sutherl
Matsusporium E.B.G. Jones & K.L. Pang
Moleospora Abdel-Wahab et al.
Moromyces Abdel-Wahab et al.
Orbimyces Linder
- Rostrupiella* Jørg Koch et al.
- Pisorisporiales** Réblová & J. Fourn.
Pisorisporiaceae Réblová & J. Fourn.
Achroceratosphaeria Réblová et al.
Pisorisporium Réblová & J. Fourn.
- Subclass Savoryellomycetidae** Hongsanan et al.
Conioscyphales Réblová & Seifert
Conioscyphaceae Réblová & Seifert
Conioscypha Höhn.
- Fuscosporellales** J. Yang et al.
Fuscosporellaceae J. Yang et al.
Fuscosporella J. Yang
Mucispora J. Yang
Parafuscosporella J. Yang & K.D. Hyde
Pseudoascotaiwania J. Yang
- Pleurotheciales** Réblová & Seifert
Pleurotheciaceae Réblová & Seifert
Adelosphaeria Réblová
Anapleurothecium Hern.-Restr. et al.
Melanotrigonum Réblová
Phaeoisaria Höhn.
Plagiascoma Réblová & J. Fourn.
Pleurotheciella Réblová
Pleurothecium Höhn.
Sterigmatobotrys Oudem.
- Savoryellales** Boonyuen et al.
Savoryellaceae Jaklitsch & Réblová
Ascotaiwania Sivan. & H.S. Chang
Canalisporium Nawawi & Kuthub.
Helicoon Morgan
Monotosporella S. Hughes
Neoascotaiwania Hern.-Restr. et al.
Savoryella E.B.G. Jones & R.A. Eaton
- Savoryellales** genera *incertae sedis*
Carpoligna F.A. Fernández & Huhndorf
Flammispora Pinruan et al.
- Subclass Sordariomycetidae** O.E. Erikss & Winka (= *Meliolomycetidae* P.M. Kirk & K.D. Hyde)*
Bolinales P.F. Cannon
Boliniaceae Rick
Apiocamarops Samuels & J.D. Rogers
Apiorhynchostoma Petr.
Bolinia (Nitschke) Sacc.
Camaropella Lar.N. Vassiljeva
Camarops P. Karst.
Cornipulvina Huhndorf et al.
Endoxyla Fuckel
Mollicamarops Lar.N. Vassiljeva
Neohypodiscus J.D. Rogers et al.

- Pseudovalsaria* Spooner
- Chaetosphaeriales** Huhndorf et al.
- Chaetosphaeriaceae** Réblová et al.
- Adautomilanezia* Gusmão et al.
- Anacacumisporium* Y.R. Ma & X.G. Zhang
- Ascochalara* Réblová
- Brunneodinemasporium* Crous & R.F. Castañeda
- Catenularia* Grove
- Chaetosphaeria* Tul. & C. Tul.
- Chloridium* Link
- Codinaea* Maire
- Conicomycetes* R.C. Sinclair et al.
- Craspedodidymum* Hol-Jech.
- Cryptophiale* Piroz.
- Dendrophoma* Sacc.
- Dictyochaeta* Speg.
- Dinemasporium* Lév.
- Eucalyptostroma* Crous & M.J. Wingf.
- Exserticlava* S. Hughes
- Gonytrichum* Nees & T. Nees
- Hemicorynespora* M.B. Ellis
- Infundibulomyces* Plaingam et al.
- Kionochaeta* P.M. Kirk & B. Sutton
- Lecythothecium* Réblová & Winka
- Melanopsammella* Höhn.
- Menispora* Pers.
- Menisporopsis* S. Hughes
- Miyoshiella* Kawam.
- Neopseudolachnella* A. Hashim. & Kaz. Tanaka
- Pseudobotrytis* Krzemien. & Badura
- Pseudodinemasporium* A. Hashim. & Kaz. Tanaka
- Pseudolachnea* Ranoj.
- Pseudolachnella* Teng
- Pyrigemmula* D. Magyar & R. Shoemaker
- Rattania* Prabhug. & Bhat
- Sporoschisma* Berk. & Broome
- Striatosphaeria* Samuels & E. Müll.
- Tainosphaeria* F.A. Fernández & Huhndorf
- Thozetella* Kuntze
- Umbrinosphaeria* Réblová
- Zanclospora* S. Hughes & W.B. Kendr.
- Helminthosphaeriaceae** Samuels et al.
- Diplococcium* Grove
- Echinosphaeria* A.N. Mill. & Huhndorf
- Endophragmiella* B. Sutton
- Helminthosphaeria* Fuckel
- Hilberina* Huhndorf & A.N. Mill.
- Ruzenia* O. Hilber
- Synaptospora* Cain
- Tengiomyces* Réblová
- Leptosporrellaceae** Konta & K.D. Hyde
- Leptospora* Penz. & Sacc.*
- Linocarpaceae** Konta & K.D. Hyde*
- Linocarpon* Syd. & P. Syd.
- Neolinocarpon* K.D. Hyde
- Chaetosphaeriales** genera *incertae sedis*
- Calvolachnella* Marinc. et al.
- Caudatispora* J. Fröhl. & K.D. Hyde
- Erythromada* Huhndorf et al.
- Lasiosphaeriella* Sivan.
- Nawawia* Marvanová
- Rimaconus* Huhndorf et al.
- Coniochaetales** Huhndorf et al. (= *Cordanales* M. Hern.-Rest. & Crous)*
- Coniochaetaceae** Malloch & Cain
- Barrina* A.W. Ramaley
- Coniochaeta* (Sacc.) Cooke
- Cordanaceae** Nann.
- Cordana* Preuss
- Coniochaetales** genus *incertae sedis*
- Cannonia* J.E. Taylor & K.D. Hyde
- Meliolales** Gäum. ex D. Hawksw. & O.E. Erikss.
- Armatellaceae** Hosag.
- Armatella* Theiss. & Syd.
- Meliolaceae** G.W. Martin ex Hansf.
- Amazonia* Theiss.
- Appendiculella* Höhn.
- Asteridiella* McAlpine
- Cryptomeliola* S. Hughes & Piroz.
- Endomeliola* S. Hughes & Piroz.
- Irenopsis* F. Stevens
- Meliola* Fr.
- Phyllachorales** M.E. Barr
- Phaeochoraceae** K.D. Hyde et al.
- Cocoicola* K.D. Hyde
- Phaeochora* Höhn.
- Phaeochoropsis* K.D. Hyde & P.F. Cannon
- Serenomyces* Petr.
- Phyllachoraceae** Theiss. & H. Syd.
- Apiosphaeria* Höhn.
- Ascovaginospora* Fallah et al.
- Brobbingnagia* K.D. Hyde & P.F. Cannon
- Camarotella* Theiss. & Syd.
- Cocodiella* Hara
- Cyclodomus* Höhn.
- Deshpandiella* Kamat & Ullasa
- Diachora* Müll. Arg.
- Diatractium* Syd. & P. Syd.
- Eriksonia* Penz. & Sacc.

- Frematomyces* P.F. Cannon & H.C. Evans
Geminispora Pat.
Gibellina Pass. Ex Roum.
Imazekia Tak. Kobay. & Y. Kawabe
Isothea Fr.
Lichenochora Hafellner
Lindauella Rehm
Linochora Höhn.
Lohwagia Petr.
Maculatifrones K.D. Hyde
Malthomyces K.D. Hyde & P.F. Cannon
Muelleromyces Kamat & Anahosur
Mycohypallage B. Sutton
Neoflageoletia J. Reid & C. Booth
Neophyllachora Dayarathne & K.D. Hyde*
Ophiodothis Sacc.
Ophiodothella (Henn.). Höhn.
Orphnodactylis Malloch & Mallik
Oxodeora K.D. Hyde & P.F. Cannon
Parberya C.A. Pearce & K.D. Hyde
Petrakiella Syd.
Phaeochorella Theiss. & Syd.
Phyllachora Nitschke ex Fuckel
Phylleutypa Petr.
Phyllocrea Höhn.
Pseudothiella Petr.
Pseudothiopsella Petr.
Pterosporidium W.H. Ho & K.D. Hyde
Rehmiodothis Theiss. & Syd.
Retroa P.F. Cannon
Rhodosticta Woron.
Rikatlia P.F. Cannon
Schizochora Syd. & P. Syd.
Sphaerodothella C.A. Pearce & K.D. Hyde
Sphaerodothis (Sacc. & P. Syd.) Shear
Stigmatula (Sacc.) Syd. & P. Syd.
Stigmochora Theiss. & Syd.
Stromaster Höhn.
Telimenella Petr.
Telimenochora Sivan.
Trabutia Sacc. & Roum.
Tribulatia J.E. Taylor et al.
Uropolystigma Maubl.
Vitreostroma P.F. Cannon
Zimmermanniella Henn.
- Telimenaceae** Mardones et al.
Telimena Racib.
- Phyllachorales** genera *incertae sedis*
Marinosphaera K.D. Hyde
Phycomelaina Kohlm.
- Sordariales** Chad. ex D. Hawksw. & O.E. Erikss.
- Chaetomiaceae** G. Winter
Achaetomium J.N. Rai et al.
Amesia X. Wei Wang et al.
Arcopilus X. Wei Wang et al.
Bommerella Marchal
Trichocladium Harz
Boothiella Lodhi & Mirza
Botryotrichum Sacc. & Marchal
Chaetomidium (Zopf) Sacc.
Collariella X. Wei Wang et al.
Corynascella Arx & Hodges
Chaetomiopsis Mustafa & Abdul-Wahid
Chaetomium Kunze
Crassicarpon Y. Marín et al.
Melanocarpus Arx*
Dichotomopilus X. Wei Wang et al.
Emilmuelleria Arx
Farrowia D. Hawksw.
Ovatospora X. Wei Wang et al.
Guanomyces M.C. Gonzáles et al.
Humicola Traaen
Madurella Brumpt
Myceliophthora Costantin
Staphylotrichum J.A. Mey. & Nicot
Subramaniula Arx
Thielavia Zopf
Thermothelomyces Y. Marín et al.
- Lasiosphaeriaceae** Nannf.
Anopodium Lundq.
Apiosordaria Arx & W. Gams
Apodospora Cain & J.H. Mirza
Apodus Malloch & Cain
Arnium Nitschke ex G. Winter
Bellojisia Réblová
Biconiosporella Schaumann
Bombardia (Fr.) P. Karst.
Bombardioidea C. Moreau ex N. Lundqv.
Camptosphaeria Fuckel
Cercophora Fuckel
Cladorrhinum Sacc. & Marchal
Diffractella Guarro et al.
Embleospora Jeng & J.C. Krug
Eosphaeria Höhn.
Fimetariella N. Lundq.
Immersiella A.N. Mill. & Huhndorf
Jugulospora N. Lundq.
Lacunospora Cailleux
Lasiosphaeria Ces. & De Not.
Mammaria Ces. ex Rabenh.
Periamphispora J.C. Krug
Podospora Ces.
Pseudocercophora Subram. & Sekar

- Rinaldiella* Deanna A. Sutton et al.
Schizothecium Corda
Strattonia Cif.
Thaxteria Sacc.
Triangularia Boedijn
Tripterosporella Subram. & Lodha
Zygopleurage Boedijn
Zygospermella Cain
- Sordariaceae** G. Winter
Copromyces N. Lundq.
Effetia Bartoli et al.
Gelasinospora Dowding
Guilliermondia Boud.
Neurospora Shear & B.O. Dodge
Pseudoneurospora Dania García et al.
Sordaria Ces & De Not.
Stellatospora T. Ito & A. Nakagiri
- Sordariales** genera *incertae sedis*
Abyssomyces Kohlm
Acanthotheciella Höhn.
Ascolacicola Ranghoo & K.D. Hyde
Bombardiella Höhn.
Cancellidium Tubaki
Coronatomyces Dania García et al.
Corylomyces Stchigel et al.
Cuspidatispora A. Mill.
Globosphaeria D. Hawksw.
Isia D. Hawksw & Manohar
Lasiosphaeris Clem.
Lunulospora Ingold
Lockerbia K.D. Hyde
Nitschkiopsis Nannf. & R. Sant.
Onygenopsis Henn.
Phaeosporis Clem.
Ramophialophora M. Calduch et al.
Reconditella Matzer & Hafellner
Remersonia Samson & Seifert
Rhexodenticula W.A. Baker & Morgan-Jones
Rhexosporium Udagawa & Furuya
Roselliniomyces Matzer & Hafellner
Roselliniopsis Matzer & Hafellner
Utriascus Réblová
Ypsilonia Lév.
- Sordariomycetidae** families *incertae sedis*
Batistiaceae Samuels & K.F. Rodrigues
Batistia Cif.
- Cephalothecaceae** Höhn.
Albertiniella Kirschst.
Cephalotheca Fuckel
Cryptendoxyla Malloch & Cain
Phialemonium W. Gams & McGinnis
- Sordariomycetidae** genera *incertae sedis*
Acrodictys M.B. Ellis
Arecacicola Joanne E. Taylor et al.
Bullimyces A. Ferrer et al.
Ceratolenta Réblová
Chaetosphaerides Matsush.
Hanliniomyces Raja & Shearer
Hydromelitis A. Ferrer et al.
Menisporopascus Matsush.
Merugia Rogerson & Samuels
Mycomedusiospora G.C. Carroll & Munk
Myxocephala G. Weber et al.
Nigromammilla K.D. Hyde & J. Fröhl.
Phaeotrichosphaeria Sivan.
Phragmodiscus Hansf.
Plagiosphaera Petr.
Rhodoveronaea Arzanlou et al.
Riomyces A. Ferrer et al.
Spadicoides S. Hughes
- Subclass Xylariomycetidae** O.E. Erikss & Winka
Amphisphaeriales D. Hawksw. & O.E. Erikss.*
Amphisphaeriaceae G. Winter
Amphisphaeria Ces & De Not.
Griphosphaerioma Höhn.
Lepteutypa Petr.
- Apiosporaceae** K.D. Hyde et al.
Appendicospora K.D. Hyde
Arthrinium Kunze
Dictyoarthrinium S. Hughes
Endocalyx Berk. & Broome
Scyphospora L.A. Kantsch.
Spegazzinia Sacc.
- Beltraniaceae** Nann.
Beltrania Penz.
Beltraniella Subram.
Hemibeltrania Piroz.
Parapleurotheciopsis P.M. Kirk
Porobeltraniella Gusmão
Pseudobeltrania Henn.
Subramaniomyces Varghese & V.G. Rao
- Clypeophysalosporaceae** Giraldo & Crous
Bagadiella Cheew. & Crous
Clypeophysalospora H.J. Swart
Neophysalospora Crous & M.J. Wingf.
Plectosphaera Theiss.
- Hyponectriaceae** Petr.
Apiothyrium Petr.
Arecomyces K.D. Hyde
Arwidsonia B. Erikss.
Cesatiella Sacc.

- Chamaeascus* L. Holm et al.
Charonectria Sacc.
Discosphaerina Höhn.
Exarmidium P. Karst.
Frondicola K.D. Hyde
Hyponectria Sacc.
Micronectria Speg.
Papilionovela Aptroot
Pellucida Dulym. et al.
Physalospora Niessl
Phragmitensis M.K.M. Wong et al.
Rachidicola K.D. Hyde & J. Fröhl.
Xenothecium Höhn.
- Melogrammataceae** G. Winter
Melogramma Fr.
- Oxydothidaceae** Konta & K.D. Hyde
Oxydothis Penz. & Sacc.
- Phlogicylindriaceae** Senan. & K.D. Hyde
Ciferriascosea Senan. et al.
Phlogicylindrium Crous et al.
- Pseudomassariaceae** Senan. & K.D. Hyde
Pseudomassaria Jacz.
- Sporocadaceae** Corda*
Annellolacinia B. Sutton
Bartalinia Tassi
Broomella Sacc
Ciliochorella Syd.
Discosia Lib.
Doliomyces Steyaert
Dyrithiopsis L. Cai et al.
Hyalotiella Papendorf
Immersidiscosia Kaz. Tanaka et al.
Monochaetia (Sacc.) Allesch.
Morinia Berl. & Bres.
Neopestalotiopsis Maharachch. et al.
Neotruncatella Hyang B. Lee & T.T.T. Nguyen
Pestalotiopsis Steyaert
Pseudopestalotiopsis Maharachch. et al.
Robillarda Sacc.
Sarcostroma Cooke
Seimatosporium Corda
Seiridium Nees
Strickeria Körb
Truncatella Steyaert
Zetiasplozna Nag Raj
- Vialaeaceae** P.F. Cannon
Vialaea Sacc.
- Amphisphaeriales** genera *incertae sedis*
Fasciatispora K.D. Hyde*
Seynesia Sacc. *
- Delonicicolales** R.H. Perera et al.*
Delonicicolaceae R.H. Perera et al.*
Delonicicola R.H. Perera et al.*
Liberomyces Pažoutová et al.
- Xylariales** Nannf.
Barrmaeliaceae Voglmayr & Jaklitsch*
Barrmaelia Rappaz.
Entosordaria (Sacc.) Höhn.
- Castanediellaceae** Hern.-Restr. et al.
Castanediella Hern.-Restr. et al.
- Diatrypaceae** Nitschke
Allocryptovalsa Senwana et al.*
Anthostoma Nitschke
Cryptosphaeria Ces & De Not.
Cryptovalsa Ces & De Not. ex Fuckel
Diatrype Fr.
Diatrypella (Ces & De Not.) De Not.
Diatrypasimilis J.J. Zhou & Kohlm.
Echinomyces Rappaz
Endoxylina Romell*
Eutypa Tul. & C. Tul.
Eutypella (Nitschke) Sacc.
Halodiatrype Dayarathne & K.D. Hyde*
Leptoperidia Rappaz
Libertella Desm.
Monosporascus Pollack & Uecker
Peroneutypa Berl.
Quaternaria Tul. & C. Tul.
- Graphostromataceae** M.E. Barr et al.*
Biscogniauxia Kuntze
Camillea Fr.
Graphostroma Piroz.
Obolarina Pouzar
Theissenia Maubl.
Vivantia J.D. Rogers et al.
- Hypoxylaceae** DC.*
Alloanthostomella Daranag. et al.
Annulohypoxylon Y.M. Ju et al.
Anthocanalis Daranag. et al.
Chlorostroma A.N. Mill. et al.
Daldinia Ces. & De Not.
Entonaema Möller
Hypoxylon Bull.
Jackrogersella L. Wendt et al.
Neoanthostomella D.Q. Dai & K.D. Hyde
Pseudoanthostomella Daranag. et al.
Phylacia Lév.
Pyrenomyxa Morgan
Pyrenopolyporus Lloyd
Rhopalostroma D. Hawksw.

- Rostrohypoxylon* J. Fourn. & M. Stadler
Ruwenzoria J. Fourn. et al.
Thamnomycetes Ehrenb.
Thuemenella Penz. & Sacc.
- Lopadostomataceae** Daranag. & K.D. Hyde
Creosphaeria Theiss.
Jumillera J.D. Rogers et al.
Lopadostoma (Nitschke) Traverso
Whalleya J.D. Rogers et al
- Microdochiaceae** Hern.-Restr. et al.
Idriella P.E. Nelson & S. Wilh.
Microdochium Syd.
Selenodriella R.F. Castañeda & W.B. Kendr.
- Myelospermataceae** K.D. Hyde & S.W. Wong
Myelosperma Syd. & P. Syd.
- Polystigmataceae** Höhn. ex Nannf.*
Polystigma DC.
- Requienellaceae** Boise
Lacrymospora Aptroot
Parapyrenis Aptroot
Requienella Fabre
- Xylariaceae** Tul. & C. Tul. (= *Clypeosphaeriaceae* G. Winter)*
Abieticola Hyang B. Lee
Amphirosellinia Y.M. Ju et al.
Anthostomella Sacc. (= *Myconeisia* Kirschst)
Anthostomelloides Tibpromma & K.D. Hyde
Apioclypea K.D. Hyde
Ascotricha Berk.
Astrocystis Berk. & Broome
Beltraniopsis Bat. & J.L. Bezerra
Brunneiapiospora K.D. Hyde et al.
Brunneiperidium Daranag. et al.
Clypeosphaeria Fuckel
Collodiscula I. Hino & Katum.
Coniolarrella Dania García et al.
Crassoascus Checa et al
Emarcea Duong et al.
Engleromyces Henn.
Entalbostroma J.D. Rogers & P.R. Johnst.
Entoleuca Syd.
Euepixylon Füsting
Gigantospora B.S. Lu & K.D. Hyde
Halorosellinia Whalley et al.
Helicogermis Lodha & D. Hawksw.
Hypocopra (Fr) J. Kickx f.
Hypocreodendron Henn.
Kretzschmaria Fr.
Kretzschmariella Viégas
Leprieuria Laessøe et al.
- Lunatiannulus* Daranag. et al.
Nemania Gray
Nipicola K.D. Hyde
Palmaria K.D. Hyde et al.
Podosordaria Ellis. & Holw.
Poronia Willd.
Rosellinia De Not.
Sabalicola K.D. Hyde
Sarcoxydon Cooke
Spirodecospora B.S. Lu et al.
Squamotubera Henn.
Stilbohypoxydon Henn.
Vamsapriya Gawas & Bhat
Virgaria Nees
Wawelia Namysl.
Xylaria Hill ex Schrank
Xylotumulus J.D. Rogers et al.
- Zygosporiaceae** Li et al.
Zygosporium Mont.*
- Xylariales genera incertae sedis**
Adomia S. Schatz
Anungitea B. Sutton
Ascotrichella Valldos. & Guarro
Biporispora J.D. Rogers et al.
Castellaniomyces Senan. et al.*
Chaenocarpus Rebert.
Circinotrichum Nees
Cryptostroma P.H. Greg. & S. Waller
Cyanopulvis J. Fröhl. & K.D. Hyde
Diamantinia A.N. Mill. et al.
Durotheca Læssøe et al.
Guestia G.J.D. Sm. & K.D. Hyde
Hadrotrichum Fuckel
Idriellopsis Hern.-Restr. & Crous
Kirstenboschia Quaedvl. et al.
Lanceispora Nakagiri et al.
Lasiobertia Sivan.
Leiosphaerella Höhn.
Leptomassaria Petr.
Neoidriella Hern.-Restr. & Crous
Occultitheca J.D. Rogers & Y.M. Ju
Ophiorosellinia J.D. Rogers et al.
Palmicola K.D. Hyde
Pandanicola K.D. Hyde
Paraidriella Hern.-Restr. & Crous
Paramphisphaeria F.A. Fernández et al.
Paucithecium Lloyd
Pidoplitchkoviella Kiril.
Polyancora Voglmayr & Yule
Polyscytalum Riess
Poroleprieuria M.C. González et al.
Pseudophloeospora Crous & R.G. Shivas

- Pulmosphaeria* Joanne E. Taylor et al.
Pyriformiascoma Daranag. et al.
Sporidesmina Subram. & Bhat
Striatodecospora D.Q. Zhou et al.
Stromatoneurospora S.C. Jong & E.E. Davis
Surculiserius Okane et al.
Synnemadiella Crous & M.J. Wingf.
Synnemapestaloides T. Handa & Y. Harada
Tristratiperidium Daranag. et al.
Xyladictyochaeta Hern.-Restr. et al.
Xylocrea Möller
Yuea O.E. Erikss.
- Xylariomycetidae** families *incertae sedis*
Cainiaceae J.C. Krug
Amphibambusa D.Q. Dai & K.D. Hyde
Arecophila K.D. Hyde
Atrotorquata Kohlm. & Volkm.-Kohlm.
Cainia Arx & E. Müll.
- Coniocessiaceae** Asgari & Zare
Coniocessia Dania García et al.
- Iodosphaeriaceae** O. Hilber
Iodosphaeria Samuels
- Xylariomycetidae** genera *incertae sedis*
Calceomyces Udagawa & S. Ueda
Induratia Samuels et al.
Pseudosporidesmium K.D. Hyde & McKenzie
- Sordariomycetes** orders *incertae sedis*
Amplistromatales D'souza et al.
Amplistromataceae Huhndorf et al.*
Acidothrix Hujslová & M. Kolařík
Amplistroma Huhndorf et al.
Wallrothiella Sacc.
- Catabotrydaceae** Petr. ex M.E. Barr
Catabotrys Theiss. & Syd.
- Parasymptodiellales** Hern.-Restr. et al.
Parasymptodiellaceae Hern.-Restr. et al.
Parasymptodiella Ponnappa
- Spathulosporales** Kohlm.
Hispidicarpomycetaceae Nakagiri
Hispidicarpomyces Nakagiri
- Spathulosporaceae** Kohlm.
Retrostium Nakagiri & Tad Ito
Spathulospora A.R. Caval. & T.W. Johnson
- Vermiculariopsiellales** Hern.-Restr. et al.
Vermiculariopsiellaceae Hern.-Restr. et al.
Vermiculariopsiella Bender
- Xenospadicoidales** Hern.-Restr. et al.
- Xenospadicoidaceae** Hern.-Restr. et al.
Xenospadicoides Hern.-Restr. et al.
Pseudodiplococcium Hern.-Restr. et al.
- Sordariomycetes** families *incertae sedis*
Lautosporaceae Kohlm. et al.
Lautospora K. D. Hyde & E.B.G. Jones
- Sordariomycetes** genera *incertae sedis*
Acerbiella Sacc.
Acrospermoides Miller & G.E. Thomps.
Ameromassaria Hara
Amphisphaerellula Gucevič
Amphisphaerina Höhn.
Amphorulopsis Petr.
Amylis Speg.
Anisomyopsis I. Hino & Katum.
Anthostomaria (Sacc.) Theiss. & Syd.
Anthostomellina L.A. Kantsch.
Apharia Bonord.
Apodothina Petr.
Apogaeumannomyces Matsush.
Aquadulciospora Fallah & Shearer
Aquasphaeria K.D. Hyde
Areolospira S.C. Jong & E.E. Davis
Aropsiclus Kohlm. & Volkm.-Kohlm.
Ascorhiza Lecht.-Trinka
Ascoyunnania L. Cai & K.D. Hyde
Atrogeniculata J.S. Monteiro et al.
Aulospora Speg.
Azbukinia Lar.N. Vassiljeva
Bactrodesmiastrum Hol.-Jech.
Bactrosphaeria Penz. & Sacc.
Basidiobotrys Höhn.
Biciliopsis Diederich*
Bombardiastrum Pat.
Botryosporium Corda
Brenesiella Syd.
Byrsomyces Cavalc.
Byssotheciella Petr.
Calcarisporium Preuss
Caleutypa Petr.
Calosphaeriopsis Petr.
Caproniella Berl.
Chaetoamphisphaeria Hara
Ciliofusospora Bat. & J.L. Bezerra
Clypeoceriospora Sousa da Câmara
Clypeosphaerulina Sousa da Câmara
Cryptoascus Petri
Cryptomycella Höhn.
Cryptomycina Höhn.
Cucurbitopsis Bat. & Cif.
Curvatispora V.V. Sarma & K.D. Hyde
Dasysphaeria Speg.

Delpinoëlla Sacc.
Diacrochordon Petr.
Didymobotryum Sacc.
Duradens Samuels & Rogerson
Ellisemia Subram.
Esfandiariomyces Ershad
Fantasmomyces DongHyeon Lee et al.
Fassia Dennis
Frondisphaeria K.D. Hyde
Hapsidascus Kohlm. & Volkm.-Kohlm.
Heliastrum Petr.
Hyaloderma Speg.
Hyalotiopsis Punith.
Hydronectria Kirschst.
Hypotrachynicola Etayo
Immersisphaeria Jaklitsch.
Iraniella Petr.
Konenia Hara
Kravtzevia Schwartzman
Kurssanovia Kravtzev
Lecythiomyces Doweld
Leptosacca Syd.
Leptosphaerella Speg.
Mangrovispora K.D. Hyde & Nageire
Marisolaris Jørg. Koch & E.B.G. Jones
Melanographium Sacc.
Microcyclephaeria Bat.
Mirannulata Huhndorf et al.
Muscodor Worapong et al.
Natantiella Réblová
Naumovella Kravtzev
Neocryptospora Petr.
Neoeriomycopsis Crous & M.J. Wingf.
Neolamyia Theiss. & Syd.
Neothyridaria Petr.
Nigrospora Zimm.
Ophiomassaria Jacz.
Ophiomeliola Starbäck
Paoayensis Cabanela et al.
Paradiplococcium Hern.-Restr. et al.
Paramicrodochium Hern.-Restr. & Crous
Pareutypella Y.M. Ju & J.D. Rogers
Phialemoniopsis Perdomo et al.
Phragmeriella Hansf.*
Phyllocelis Syd.
Pleocryptospora J. Reid & C. Booth
Pleosphaeria Speg.
Pleurophragmium Costantin
Protocucurbitaria Naumov
Pulvinaria Bon.
Pumilus Viala & Marsais
Rehmiomycella E. Müll.
Rhamphosphaeria Kirschst.

Rhizophila K.D. Hyde & E.B.G. Jones
Rhopographella (Henn.) Sacc. & Trotter
Rhynchosphaeria (Sacc.) Berl.
Rivulicola K.D. Hyde
Romellina Petr.
Saccardoëlla Speg.
Sarcopyrenia Nyl.
Sartorya Vuill.
Scharifia Petr.
Scoliocarpon Nyl.
Scotiosphaeria Sivan.
Selenosporella G. Arnaud ex MacGarvie
Servazziella J. Reid & C. Booth
Sporoctomorpha J.V. Almeida & Sousa da Câmara
Stanjehughesia Subram.
Stearophora L. Mangin & Viala
Steganopycnis Syd. & P. Syd.
Stegophorella Petr.
Stellosetifera Matsush.
Stereosphaeria Kirschst.
Stomatogenella Petr.
Sungaiicola Fryar & K.D. Hyde
Synsphaeria Bon.
Tamsiniella S.W. Wong et al.
Tectonidula Réblová
Teracosphaeria Réblová & Seifert
Thelidiella Fink.
Thyridella (Sacc.) Sacc.
Thyrotheca Kirschst.
Trichospermella Speg.
Trichosphaeropsis Bat. & Nasc.
Tunstallia Agnihothr.
Urosporella G.F. Atk.
Vleugelia J. Reid & C. Booth
Xenodium Syd.
Zalerion R.T. Moore & Meyers

Class Xylonomycetes R. Gazis & P. Chaverri

Xylonomycetales R. Gazis & P. Chaverri

Xylonomycetaceae R. Gazis & P. Chaverri

Symbiotaphrina Kühlw. & Jurzitza ex W. Gams & Arx

Trinosporium Crous & Decock

Xylona Gazis & P. Chaverri

Pezizomycotina orders *incertae sedis*

Thelocarpaceae Lücking & Lumbsch

Thelocarpaceae Zukal

Sarcosagium A. Massal.

Thelocarpon Nyl

Vezeaeales Lumbsch & Lücking

Vezeaeaceae Poelt & Vezeada ex J.C. David & D. Hawksw.

Vezeada Tsch.-Woess & Poelt

Pezizomycotina family *incertae sedis*

Harpidiaceae Vezda ex Hafellner

Euopsis Nyl.
Harpidium Körb.

Pezizomycotina genera *incertae sedis*

Biatoridium J. Lahm ex Korb.
Cyanoporina Groenh.
Eopyrenula R.C. Harris
Frigidopyrenia Grube
Melanophloea P. James & Vezda
Milospium D. Hawksw.
Oevstedalia Ertz & Diederich
Psammia Sacc. & M. Rousseau ex E. Bommer & M. Rousseau
Pyrenocollema Reinke
Trizodia Laukka
Wadeana Coppins & P. James

Subphylum SACCHAROMYCOTINA O.E. Erikss. & Winka**Class Saccharomycetes** O.E. Erikss. & Winka**Saccharomycetales** Kudrjanzev**Ascoideaceae** J. Schröter

Ascoidea Bref.

Cephaloascaceae L.R. Batra

Cephaloascus Hanawa

Debaryomycetaceae Kurtzman & M. Suzuki

Babjeviella Kurtzman & M. Suzuki
Debaryomyces Lodder & Kreger-van Rij
Hemisphaericaspora Hui et al.
Kurtzmaniella M.A. Lachance & W.T. Starmer
Lodderomyces Van der Walt
Meyerozyma Kurtzman & M. Suzuki
Millerozyma Kurtzman & M. Suzuki
Priceomyces Kurtzman & M. Suzuki
Scheffersomyces Kurtzman & M. Suzuki
Schwanniomyces Klöcker emend. M. Suzuki & Kurtzman
Spathaspora N.-H. Nguyen et al.
Suhomyces M. Blackwell & Kurtzman
Teunomyces Kurtzman & M. Blackwell
Yamadazyma Billon-Grand

Dipodascaceae Engl. & E. Gilg

Blastobotrys Klopotek
Dipodascus Lagerh.
Galactomyces Redhead & Malloch
Geotrichum Link
Magnusiomyces Zender
Saprochaete Coker & Shanor

Lipomycetaceae E.K. Novák & Zsolt

Dipodascopsis Batra & P. Millner emend. Kurtzman et al.
Kockiozyma Jindam. et al.

Limtongia Jindam. et al.
Lipomyces Lodder & Kreger
Myxozyma Van der Walt et al.

Metschnikowiaceae T. Kamienski

Clavispora Rodr. Mir.
Danielozyma Kurtzman & Robnett
Kodamaea Y. Yamada et al.
Metschnikowia T. Kamienski
Wickerhamia Soneda

Phaffomycetaceae Y. Yamada et al.

Barnettozyma Kurtzman et al.
Cyberlindnera Minter
Phaffomyces Y. Yamada
Starmera Y. Yamada et al.
Wickerhamomyces Kurtzman et al.

Pichiaceae Zender

Brettanomyces Kufferath & van Laer
Dekkera Van der Walt
Hyphopichia von Arx & van der Walt
Komagataella Y. Yamada et al.
Kregervanrija Kurtzman
Kuraishia Y. Yamada et al.
Martiniozyma Kurtzman
Nakazawaea Y. Yamada et al.
Ogataea Y. Yamada et al.
Pachysolen Boidin & Adzet
Peterozyma Kurtzman & Robnett
Pichia E.C. Hansen
Saturnispora Z.W. Liu & Kurtzman

Saccharomycetaceae G. Winter

Citeromyces Santa Maria
Cyniclomyces Van der Walt & D.B. Scott
Eremothecium Borzi emend. Kurtzman
Hagleromyces Sousa et al.
Kazachstania Zubcova
Kluyveromyces Van der Walt
Lachancea Kurtzman
Metahyphopichia Sipiczki & Pfliegler
Nakaseomyces Kurtzman
Naumovozyma Kurtzman
Saccharomyces Meyen
Tetrapisispora Ueda-Nishimura & K. Mikata emend. Kurtzman
Torulaspora Lindner
Vanderwaltozyma Kurtzman
Yueomyces Q.M. Wang
Zygosaccharomyces B.T.P. Barker
Zygotorulaspora Kurtzman

Saccharomycodaceae Kudrjanzev

Hanseniaspora Zikes

- Kloeckera* Janke
Saccharomyces E.C. Hansen
- Saccharomycopsidaceae** Arx & Van der Walt
Ambrosiozyma Van der Walt
Saccharomycopsis Schiønning
- Trichomonascaceae** Kurtzman & Robnett
Blastobotrys Klopotek
Deakozyma Kurtzman & Robnett
Diddensiella Péter
Groenewaldozyma Kurtzman
Middelhovenomyces Kurtzman & Robnett
Nadsonia Syd.
Spencermartinsiella Péter et al.
Starmerella Rosa & Lachance
Sugiyamaella Kurtzman & Robnett
Wickerhamiella Van der Walt
Yarrowia Van der Walt & Arx
Zygoascus M.T. Sm.
- Trigonopsidaceae** M.A. Lachance & C.P. Kurtzman
Botryozyma Shann & M.Th. Smith emend. Lachance & Kurtzman
Tortispora Lachance & Kurtzman
Trigonopsis Schachner emend. Kurtzman & Robnett
- Saccharomycetales** genera *incertae sedis*
Aciculoconidium D.S. King & S.C. Jong
Candida Berkhout (= *Lodderomyces* Van der Walt)*
Coccidiascus Chatton
Conidiascus Holterm.
Diutina Khunnamwong et al.
Endomyces Reess
Endomyces Reess
Macrorhabdus Tomaszewski et al.
Oosporidium Stautz
Oscarbrefeldia Holterm.
Phialoascus Redhead & Malloch
Selenozyma Yarrow
Sporopachydermia Rodr. Mir.
- Subphylum TAPHRINOMYCOTINA** O.E. Erikss. & Winka
Class Archaeorhizomycetes Rosling & T.Y. James
Archaeorhizomycetales Rosling & T.Y. James
Archaeorhizomycetaceae Rosling & T.Y. James
Archaeorhizomyces Rosling & T.Y. James
- Class Neoelectomycetes** O.E. Erikss. & Winka
Neoelectales Landvik et al.
Neoelectaceae Redhead
Neoelecta Speg.
- Class Pneumocystidomycetes** O.E. Erikss. & Winka
Pneumocystidales O.E. Erikss.
- Pneumocystidaceae** O.E. Erikss.
Pneumocystis P. Delanoë & Delanoë
- Class Schizosaccharomycetes** O.E. Erikss. & Winka
Schizosaccharomycetales O.E. Erikss. et al.
Schizosaccharomycetaceae Beij. ex Klöcker
Schizosaccharomyces Lindner
- Class Taphrinomycetes** O.E. Erikss. & Winka
Taphrinales Gäum. & C.W. Dodge
Protomycetaceae Gray
Burenia M.S. Reddy & C.L. Kramer
Protomyces Unger
Protomycopsis Magnus
Saitoëlla Goto et al.
Taphridium Lagerh. & Juel ex Juel
Volkartia Maire
- Taphrinaceae** Gäum.
Taphrina Fr.
- Ascomycota**, families *incertae sedis*
Families and genera that cannot be placed in any of classes and orders accepted in the present classification with a high degree of probability are listed below.
- Aphanopsidaceae** Printzen & Rambold
Aphanopsis Nyl. ex Syd.
Steinia Korb.
- Diporotheceae** R.K. Mibey & D. Hawksw.
Diporothea C.C. Gordon & C.G. Shaw
- Eoterfeziaceae** G.F. Atk.
Acanthogymnomycetes Udagawa & Uchiyama
Eoterfezia G.F. Atk.
- Epigloeaceae** Zahlbr.
Epigloea Zukal
- Microcaliciaceae** Tibell
Microcalicium Vain.
- Mucomassariaceae** Petr. & Cif.
Mucomassaria Petr.
- Phyllobatheliaceae** Bitter & F. Schill.
Phyllobathelium (Müll. Arg.) Müll. Arg.
Phyllocratera Sérusiaux & Aptroot
- Saccardiaceae** Höhn.
Angatia Syd.
Ascolectus Samuels & Rogerson
Cyanodiscus E. Müll. & M.L. Farr
Dictyonella Höhn.
Epibelonium E. Müll.
Henningsiella Rehm*
Johansonia Sacc.
Phillipsiella Cooke

- Pseudodiscus* Arx & E. Müll.
Rivilata Kohlm. et al.
Saccardia Cooke
Schenckiella P. Henn.
Vonarxella Bat. et al.
- Seuratiaceae** Vuill. ex M.E. Barr
Seuratia Pat.
Seuratiopsis Woron.
- Strangosporaceae** S. Stenroos et al.
Strangospora Korb.
- Ascomycota** genera *incertae sedis*
Abropelta B. Sutton
Acarella Syd.
Acarellina Bat. & H. Maia
Acaroconium Kocourk. & D. Hawksw.
Acarocybe Syd.
Acarocybella M.B. Ellis
Acarocybellina Subram.
Acarocybiopsis J. Mena et al.
Acaropeltis Petr.
Achoropeltis Syd.
Acleistia Bayl. Ell.
Acontium Morgan
Acrodityella W.A. Baker & Partr.
Acrodityopsis P.M. Kirk
Acrodontiella U. Braun & Scheuer
Acrophialophora Edward
Acrophragmis Kiffer & Reisinger
Acrospeira Berk. & Broome
Acrostaurus Deighton & Piroz.
Actinocladium Ehrenb.
Actinotexis Arx
Actinothecium Ces.
Actinothyrium Kunze
Acumisporea Matsush.
Aenigmatospora R.F. Castañeda et al.
Agaricodochium X.J. Liu
Agarwalomyces R.K. Verma & Kamal
Agrabeeja Subram.
Agyriella Sacc.
Agyriellopsis Höhn.
Ahmadia Syd.
Ajrekarella Kamat & Kalani
Alatosessilispora K. Ando & Tubaki
Alciphila Harmaja
Algonquinia R.F. Castañeda & W.B. Kendr.
Alloneottiosporina Nag Raj
Allophoron Nádv.
Allothyriella Bat. et al.
Allothyrina Bat. & J.L. Bezerra
Allothyriopsis Bat. et al.
- Alpakesa* Subram. & K. Ramakr.
Alpakesiopsis Abbas et al.
Alveariospora Meir. Silva et al.
Alveophoma Alcalde
Alysidiopsis B. Sutton
Amallospora Penz.
Amblyosporium Fresen.
Ameroconium U. Braun & Zhurb.
Amerodiscosiella M.L. Farr
Amerodiscosiellina Bat. & Cavalc.
Amerosporiopsis Petr.
Amerosporium Speg.
Amerosymmodula Matsush.
Amoenodochium Peláez & R.F. Castañeda
Amoenomyces R.F. Castañeda et al.
Amphichaetella Höhn.
Amphophialis R.F. Castañeda et al.
Amphoropycnium Bat.
Ampullicephala R.F. Castañeda et al.
Ampulliferina B. Sutton
Anabahusakala Carmo et al.
Anacraspedodidymum C.R. Silva et al.
Anaexserticlava T.S. Santa Isabel et al.
Anaphysmene Bubák
Anarhyma M.H. Pei & Z.W. Yuan
Anaselenosporella Heredia et al.
Anaseptoidium R.F. Castañeda et al.
Anaverticicladus P.O. Costa et al.
Ancoraspora Mig. Rodr.
Ancoraspora J. Mena et al.
Angiopomopsis Höhn.
Angulimaya Subram. & Lodha
Angulospora Sv. Nilsson
Annellodentimyces Matsush.
Annellodochium Deighton
Annellophorella Subram.
Annellospermospora P.R. Johnst.
Antennatula Fr. ex F. Strauss
Antennopsis R. Heim
Anthopsis Fil. March. et al.
Anthraceroderma Speg.
Antimanoa Syd.
Antromyces Fresen.
Anulohypha Cif.
Anungitopsis R.F. Castañeda & W.B. Kendr.
Aoria Cif.
Aphanofalx B. Sutton
Apiocarpella Syd. & P. Syd.
Apiotypa Petr.
Apogloeum Petr.
Apomelasmia Grove
Aporellula B. Sutton
Apospora Thaxt.

- Apostrasseria* Nag Raj
Arachnophora Hennebert
Arachnospora R.F. Castañeda et al.
Arborillus Munt.-Cvetk. & Gómez-Bolea
Arborispora K. Ando
Arcuadendron Sigler & J.W. Carmich.
Ardhachandra Subram. & Sudha
Argentinomyces Peña & Arambarri
Argopericonia B. Sutton & Pascoe
Aristastoma Tehon
Arthrobotryum Ces.
Arthrocristula Sigler et al.
Arthromoniliphora S.S. Silva et al.
Arthropycnis Constant.
Arthrosporium Sacc.
Arthrowalleimia R.F. Castañeda et al.
Articulophora C.J.K. Wang & B. Sutton
Artocarpomyces Subram.
Ascochytopsis Henn.
Ascochytulina Petr.
Ascofascicula Matsush.
Ascomauritiana V.M. Ranghoo & K.D. Hyde
Ascosexubramania Rajendran
Ashtaangam Subram.
Aspilaima Bat. & H. Maia
Astelechia Cif.
Asterinothyriella Bat. & Cif.
Asterinothyrium Bat. et al.
Asteroconium Syd. & P. Syd.
Asteroglobulus Brackel
Asteromyces F. Moreau & V. Moreau
Asteroscutula Petr.
Asterostomopora Bat. & H. Maia
Asterostomopsis Bat. et al.
Asterostomula Theiss.
Asterostomulina Bat. et al.
Astomella Thirum.
Astronatelia Bat. & H. Maia
Atractilina Dearn. & Barthol.
Atractobolus Tode
Atrosetaphiale Matsush.
Atrosynnema J.W. Xia et al.
Aurosphaeria Sun J. Lee et al.
Avesicladiella W.P. Wu et al.
Avettaea Petr. & Syd.
Bachmanniomyces D. Hawksw.
Bacillopeltis Bat.
Bactridium Kunze
Bactrodesmiella M.B. Ellis
Baculozpora Zukal
Badarisama Kunwar et al.
Bahuchashaka Subram.
Bahugada K.A. Reddy & Vasant Rao
Bahukalasa Subram. & Chandrash.
Balaniopsis P.M. Kirk
Balanium Wallr.
Barbarosporina Kirulis
Barnettella D. Rao & P. Rag. Rao
Basauxia Subram.
Basifimbria Subram. & Lodha
Batistina Peres
Batistospora J.L. Bezerra & M.M.P. Herrera
Beauveriphora Matsush.
Beccopycnidium F. Stevens
Beejadwaya Subram.
Belemnospora P.M. Kirk
Bellulicauda B. Sutton
Beltramono Rashmi Dubey et al.
Beltraniomyces Monohar et al.
Beniowskia Racib.
Benjpalia Subram. & Bhat
Berggrenia Cooke
Bhadradriella Nagaraju et al.
Bhadradriomyces Sureshk. et al.
Bharatheeya D'Souza & Bhat
Bhatia W.A. Baker & Morgan-Jones
Bibanasella R.F. Castañeda & W.B. Kendr.
Bicoloromyces Heuchert et al.
Biflagellozpora Matsush.
Biflagellosporella Matsush.
Biflua Jørgen Koch & E.B.G. Jones
Bimeris Petr.
Bioconiosporium Bat. & J.L. Bezerra
Biophomopsis Petr.
Bisbyopeltis Bat. & A.F. Vital
Bispora Corda
Bisporostilbella Brandsb. & E.F. Morris
Bisseomyces R.F. Castañeda
Blastocatena Subram. & Bhat
Blastodictys M.B. Ellis
Blastofusarioides Matsush.
Blastophorella Boedijn
Blastophragma Subram.
Blennoria Moug. & Fr.
Blennoriopsis Petr.
Bleptosporium Steyaert
Blodgettia Harv.
Bostrichonema Ces.
Botryoderma Papendorf & H.P. Upadhyay
Botryodiplodina Dias & Sousa da Câmara
Botryomonilia Goos & Piroz.
Botryostroma Höhn.
Brachycephala J.S. Monteiro et al.
Brachydesmiella G. Arnaud ex S. Hughes
Brachysporiellina Subram. & Bhat
Brachysporiopsis Yanna et al.

- Braunomyces* V.A. Melnik & Crous
Brefeldiopycnis Petr. & Cif.
Brencklea Petrak
Brevicatenospora R.F. Castañeda et al.
Briana D.R. Reynolds
Briosia Cavara
Brycekendrickia Nag Raj
Bryophytomyces Cif.
Bulbilopycnis Matsush.
Bulbocatenospora R.F. Castañeda & Iturr.
Bullaserpens Bat. et al.
Cacumisporium Preuss
Caeruleoconidia to Zhurb. & Pino-Bodas
Calcarispora Marvanová & Marvan
Calcarisporiella de Hoog
Calceispora Matsush.
Callistospora Petr.
Calocline Syd.
Calongeomyces D. Hawksw. & Etayo
Camaroglobulus Speer
Camaropycnis E.K. Cash
Camarosporellum Tassi
Camarosporiopsis Abbas et al.
Camposporidium Nawawi & Kuthub.
Candelabrum Beverw.
Candelosynnema K.D. Hyde & Seifert
Capitrostrum Bat.
Capnocheirides J.L. Crane & S. Hughes
Capnofrasera S. Hughes
Capnosporium S. Hughes
Capsicumyces Gamundí et al.
Carnegieispora Etayo & F. Berger
Carnia Bat.
Carrismyces R.F. Castañeda & Heredia
Casaresia Gonz. Frag.
Castanedaea W.A. Baker & Partr.
Catenocuneiphora Matsush.
Catenophora Luttr.
Catenophoropsis Nag Raj & W.B. Kendr.
Catenosubulisporea Matsush.
Catenosynnema Kodsueb et al.
Catenulaster Bat. & C.A.A. Costa
Catinopeltis Bat. & C.A.A. Costa
Cecidiomyces U. Braun & Zhurb.
Ceeveesubramaniomyces Pratibha et al.
Ceratocladium Corda
Ceratophorum Sacc.
Ceratopycnis Höhn.
Ceratosporella Höhn.
Ceratosporium Schwein.
Ceuthodiplospora Died.
Ceuthosira Petr.
Ceuthosporella Petr. & Syd.
Chaetendophragma Matsush.
Chaetoblastophorum Morgan-Jones
Chaetochalara B. Sutton & Piroz.
Chaetocytostroma Petr.
Chaetodiplis Clem.
Chaetodiplodina Speg.
Chaetopeltaster Katum.
Chaetophiophoma Speg.
Chaetoplaca Syd. & P. Syd.
Chaetopsis Grev.
Chaetopyrena Pass.
Chaetoseptoria Tehon
Chalarodendron C.J.K. Wang & B. Sutton
Chalarodes McKenzie
Chantransiopsis Thaxt.
Characonidia Bat. & Cavalc.
Charomyces Seifert
Chasakopama Manohar. et al.
Cheilaria Lib.
Cheiroidea W.A. Baker & Morgan-Jones
Cheiromycella Höhn.
Cheiromycesopsis Mercado & J. Mena
Cheiromyces Berk. & M.A. Curtis
Cheiropolyschema Matsush.
Chiastospora Riess
Chithramia Nag Raj
Chlamydomyces Bainier
Chlamydopsis Hol.-Jech. & R.F. Castañeda
Choanatiara DiCosmo
Choreospora Constant. & R. Sant.
Chrysachne Cif.
Chrysalidopsis Steyaert
Chryseidea Onofri
Ciferrina Gonz. Frag.
Ciferrina Petr.
Ciferriopeltis Bat. & H. Maia
Ciferrioxyphium Bat. & H. Maia
Ciliochora Höhn.
Ciliophora Petr.
Ciliophorella Petr.
Ciliosporella Petr.
Circinoconiopsis A. Hern.-Gut.
Circinoconis Boedijn
Cissococcomyces Brain
Civisubramaniana Vittal & Dorai
Cladoconidium Bandoni & Tubaki
Cladoniicola Diederich et al.
Cladosphaera Dumort.
Cladosporiopsis S.C. Ren & X.G. Zhang
Clasteropycnis Bat. & Cavalc.
Clathroconium Samson & H.C. Evans
Clauzadeomyces Diederich
Clavariana Nawawi

- Cleistocystis* Sousa da Câmara
Cleistonium Speer
Cleistophoma Petr. & Syd.
Clypeochorella Petr.
Clypeolum Spig.
Clypeopatella Petr.
Clypeophialophora Bat. & Peres
Clypeopycnis Petr.
Clypeoseptoria F. Stevens & P.A. Young
Clypeostagonospora Punith.
Coccogloeum Petr.
Codonmyces Calat. & Etayo
Colemaniella Agnihothr.
Coleodictyospora Charles
Coleoseptoria Petr.
Colispora Marvanová
Colletocanis de Hoog & Aa
Colletosporium Link
Collostroma Petr.
Columnodorus Petr.
Columnothyrium Bubák
Comatospora Piroz. & Shoemaker
Comocephalum Syd.
Complexipes C. Walker
Condylospora Nawawi
Coniambigua Etayo & Diederich
Conioscyphopsis Goh & K.D. Hyde
Coniothyria Syd.
Conjunctospora Udagawa & Uchiy.
Conostoma Bat. & J.L. Bezerra
Conostroma Moesz
Consetiella Hol.-Jech. & Mercado
Coremiella Bubák & K. Krieg.
Cornucopiella Höhn.
Cornutispora Piroz.
Cornutostilbe Seifert
Corynecercospora V.K. Pal et al.
Coryneliella Har. & P. Karst.
Corynesporella Munjal & H.S. Gill
Corynesporina Subram.
Corynesporopsis P.M. Kirk
Coscinocladium Kunze
Costanetia Bat. & J.L. Bezerra
Crandallia Ellis & Sacc.
Craneomyces Morgan-Jones et al.
Creodiplodina Petr.
Creonecte Petr.
Creoseptoria Petr.
Creothyriella Bat. & C.A.A. Costa
Cribropeltis Tehon
Crinigera I. Schmidt
Crustodiplodina Punith.
Cryptoceuthospora Petr.
Cryptocline Petr.
Cryptocoryneopsis B. Sutton
Cryptophialoidea Kuthub. & Nawawi
Cryptosporium Kunze
Cryptumbellata Udagawa & Uchiy.
Ctenosporium R. Kirschner
Cubasina R.F. Castañeda
Culicidospira R.H. Petersen
Culicinomyces Couch et al.
Curucispora Matsush.
Curvulariopsis M.B. Ellis
Cyanopatella Petr.
Cyanopyrenia Harada
Cyclomarsonina Petr.
Cylindrogloeum Petr.
Cylindromyces Manohar. et al.
Cylindrothyrium Maire
Cylindroxiphium Bat. & Cif.
Cyrtidium Vain.
Cyrtidula Minks
Cyrtopsis Vain.
Cystodium Fée
Cystotricha Berk. & Broome
Cytodiscula Petr.
Cytogloeum Petr.
Cytosphaera Höhn.
Cytoplacosphaeria Petr.
Cytosphaera Died.
Cytosporella Sacc.
Cyttariella Palm
Dactylifera Alcorn
Dactylosporium Harz
Dasysticta Spig.
Davisiella Petr.
Dearnessia Bubák
Deichmannia Alstrup & D. Hawksw.
Delortia Pat. & Gaillard
Dendrodomus Bubák
Dendrographiella Agnihothr.
Dendrographium Massee
Dendrospora Ingold
Dendrosporium Plakidas & Edgerton ex J.L. Crane
Dendryphiosphaera Lunghini & Rambelli
Dennisographium Rifai
Denticularia Deighton
Dentocircinomyces R.F. Castañeda & W.B. Kendr.
Descalsia A. Roldán & Honrubia
Desertella Mouch.
Desmidiospora Thaxt.
Dexhowardia J.J. Taylor
Diaboliumbilicus I. Hino & Katum.
Diademospira B.E. Söderstr. & Bååth
Diarimella B. Sutton

- Dichelostroma* Bat. & Peres
Dicholobodigitus G.P. White & Illman
Dichotomophthora Mehrl. & Fitzp. ex P.N. Rao
Dichotomophthoropsis M.B. Ellis
Dichotophora Whitton et al.
Dictyocatenulata Finley & E.F. Morris
Dictyodesmium S. Hughes
Dictyophrynella Bat. & Cavalc.
Dictyopolyschema M.B. Ellis
Dictyorostrella U. Braun
Dictyospiropes M.B. Ellis
Didymochaetina Bat. & J.L. Bezerra
Didymochora Höhn.
Didymopsis Sacc. & Marchal
Didymosporina Höhn.
Diedickeia Syd. & P. Syd.
Digicatenosporium S.M. Leão et al.
Digitodochium Tubaki & Kubono
Digitomyces Mercado et al.
Digitopodium U. Braun et al.
Digitoramispora R.F. Castañeda & W.B. Kendr.
Dimastigosporium Faurel & Schotter
Diplocradiella G. Arnaud ex M.B. Ellis
Diplodinis Clem.
Diplodinula Tassi
Diploplenodomus Died.
Diplosporonema Höhn.
Diplozythiella Died.
Dipyrgis Clem.
Discogloeum Petr.
Discomycetoidea Matsush.
Discosiellina Subram. & K.R.C. Reddy
Discosporina Höhn.
Discotheciella Syd. & P. Syd
Discozythia Petr.
Dissitimurus E.G. Simmons et al.
Distophragmia R.F. Castañeda et al.
Ditangifibula G.C. Adams
Domingoella Petr. & Cif.
Dothideodiplodia Murashk.
Dothioropsis Riedl
Drepanospora Berk. & M.A. Curtis
Drudeola Kuntze
Drumopama Subram.
Dryosphaera Jørg. Koch & E.B.G. Jones
Dualomyces Matsush.
Dwayabeeja Subram.
Dwayaloma Subram.
Dwayalomella Brisson et al.
Dwibahubeeja N. Srivast. et al.
Dwibeeja Subram.
Dwiroopella Subram. & Muthumary
Ebollia Minter & Caine
Echinocatena R. Campb. & B. Sutton
Echinochondrium Samson & Aa
Echinoconidiophorum Pereira-Carv. & Dianese
Eiona Kohlm.
Elachopeltella Bat. & Cavalc.
Elattopycnis Bat. & Cavalc.
Elegantimyces Goh et al.
Elletevera Deighton
Ellisembiopsis T.S. Santa Izabel & Gusmão
Elotespora R.F. Castañeda & Heredia
Embryonispora G.Z. Zhao
Enantioptera Descals
Endobotrya Berk. & M.A.
Endobotryella Höhn.
Endocolium Syd.
Endoconospora Gjaerum
Endogenospora R.F. Castañeda et al.
Endomelanconium Petr.
Endophragmiopsis M.B. Ellis
Endoplacodium Petr.
Endoramularia Petr.
Endosporoideus W.H. Ho et al.
Endozythia Petr.
Enerthidium Syd.
Engelhardtella A. Funk
Enridescalsia R.F. Castañeda & Guarro
Enthallopycnidium F. Stevens
Entoderma Hanula et al.
Epaphroconidia Calat. & V. Atienza
Ephelidium C.W. Dodge & E.D. Rudolph
Epiclinium Fr.
Epicoccospora Budathoki & S.K. Singh
Epinephroma Zhurb.
Episporogoniella U. Braun
Epistigme Syd.
Epithyrium (Sacc.) Trotter
Eriocercospora Deighton
Eriocercospora Rak. Kumar et al.
Eriomyces Speg.
Eriosporella Berk. & Broome
Erispora Pat.
Esteya J.Y. Liou et al.
Evanidomus Caball.
Everhartia Sacc. & Ellis
Everniicola D. Hawksw.
Eversia J.L. Crane & Schokn.
Excipularia Sacc.
Exophoma Weedon
Exosporella Höhn.
Exosporodiella Ganie et al.
Fairmaniella Petr. & Syd.
Farriolla Norman
Favostroma B. Sutton & E.M. Davison

- Feltgeniomyces* Dieder.
Fensterconidia Calat. & Etayo
Fissuricella Pore et al.
Flabellocladia Nawawi
Flabellospora Alas.
Flosculomyces B. Sutton
Frigidispora K.D. Hyde & Goh
Fujimyces Minter & Caine
Fuligomyces Morgan-Jones & Kamal
Fumagopsis Speg.
Furcaspora Bonar
Fusamen (Sacc.) P. Karst.
Fuscophialis B. Sutton
Fusichalara S. Hughes & Nag Raj
Fusicladosporium Partr. & Morgan-Jones
Fusticeps J. Webster & R.A. Davey
Gaeumanniella Petr.
Gallaicolichen Serux. & Lücking
Gampsonema Nag Raj
Gangliophora Subram.
Gangliostilbe Subram. & Vittal
Garnaudia Borowska
Gaubaea Petr.
Gelatinocrinis Matsush.
Gelatinopycnis Dyko & B. Sutton
Gelatinosporium Peck
Geminoarcus K. Ando
Gemmulina Descals & Marvanová
Gilmaniella G.L. Barron
Glaphyriopsis B. Sutton & Pascoe
Glioannellodochium Matsush.
Glioblastocladium Matsush.
Globoconidiopsis G.F. Sepúlveda et al.
Globoconidium G.F. Sepúlveda et al.
Gloeocoryneum Weindlm.
Gloeodes Colby
Gloeosporiella Cavara
Gloiosphaera Höhn.
Glutinium Fr.
Goidanichiella G.L. Barron ex W. Gams
Gonatobotryum Sacc.
Gonidiomyces Vain.
Goniopila Marvanová & Descals
Goosiella Morgan-Jones et al.
Goosomyces N.K. Rao & Manohar.
Grallomyces F. Stevens
Graphiothecium Fuckel
Groveolopsis Boedijn
Guedea Rambelli & Bartoli
Guelichia Speg.
Gymnoxyphium Cif. et al.
Gyrophthorus Hafellner & Sancho
Gyrothrix (Corda) Corda
Hadronema Syd. & P. Syd.
Hadrosporium Syd.
Halysiomycetes E.G. Simmons
Hansfordia S. Hughes
Hansfordiopeltis Bat. & C.A.A. Costa
Hansfordiopeltopsis M.L. Farr
Hapalosphaeria Syd.
Haplariopsis Oudem.
Haplobasidium Erikss.
Haplolepis Syd.
Haptocara Drechsler
Harmoniella V.N. Boriss.
Harpogonium Sacc.
Harpostroma Höhn.
Hawksworthiana U. Braun
Heimiodora Nicot
Helensiella Minter et al.
Helhonia B. Sutton
Helicodochium J.S. Monteiro et al.
Helicofilia Matsush.
Helicogoosia Hol.-Jech.
Helicominopsis Deighton
Helicorhoidion S. Hughes
Helicosingula P.S. van Wyk et al.
Helicothyrium I. Hino & Katum.
Helicoubisia Lunghini & Rambelli
Heliscella Marvanová
Heliscina Marvanová
Helminthosporiomyces G.F. Sepúlveda et al.
Helochora Sherwood
Hemicorynesporella Subram.
Hemidothis Syd. & P. Syd.
Hemisphaeropsis Petr.
Hendersoniella Tassi
Hendersonina E.J. Butler
Hendersoniopsis Höhn.
Hendersonula Speg.
Hendersonulina Petr.
Henicospora P.M. Kirk & B. Sutton
Herposira Syd.
Herreromyces R.F. Castañeda & W.B. Kendr.
Heterocephalum Thaxt.
Heterosporiopsis Petr.
Heuflera Bail Hyalodermella Speg.
Hexacladium D.L. Olivier
Himantia Pers.
Hinoa Hara & I. Hino
Hirudinaria Ces.
Hoehneliella Bres. & Sacc.
Holubovaea Mercado
Homalopeltis Bat. & Valle
Hormiactis Preuss
Hormiscioideus M. Blackw. & Kimbr.

- Hormocephalum* Syd.
Hormographis Guarro et al.
Hughesinia J.C. Lindq. & Gamundí
Humicolopsis Verona
Hyalobelemnospora Matsush.
Hyalocamposporium Révay & J. Gönczöl
Hyalocephalotrichum Nagaraju et al.
Hyalocladium Mustafa
Hyalocylindrophora J.L. Crane & Dumont
Hyalodictyum Woron.
Hyalohelicomina T. Yokoy.
Hyalopleiochaeta R.F. Castañeda et al.
Hyalopyrenia H. Harada
Hyalosynnema Matsush.
Hyalothyridium Tassi
Hydrometrospora J. Gönczöl & Révay
Hymenella Fr.
Hymeniopeltis Bat.
Hymenobactron (Sacc.) Höhn.
Hymenobia Nyl.
Hymenopsis Sacc.
Hyphodiscosia Lodha & K.R.C. Reddy
Hyphodiscosoides Matsush.
Hyphopolynema Nag Raj
Hyphostereum Pat.
Hyphothyrium B. Sutton & Pascoe
Hyphozyma de Hoog & M.T. Sm.
Hypnotheca Tommerup
Hypocline Syd.
Hypodermina Höhn.
Hypogloeum Petr.
Hysteridium P. Karst.
Hysterodiscula Petr.
Hysteropycnis Hilitzer
Ialomitzia Gruia
Idiocercus B. Sutton
Igneocumulus A.W. Ramaley
Imicles Shoemaker & Hambl.
Impudentia Vujanović
Inesiosporium R.F. Castañeda & W. Gams
Inifatiella R.F. Castañeda
Intercalarispora J.L. Crane & Schokn.
Ionophragmium Peres
Irpicomycetes Deighton
Isariella Henn.
Ischnostroma Syd. & P. Syd.
Isthmoconidium Etayo & Fr. Berger
Isthmolongispora Matsush.
Isthmophragmospora Kuthub. & Nawawi
Isthmospora F. Stevens
Isthmotricladia Matsush.
Ityorhoptrum P.M. Kirk
Iyengarina Subram.
Jahniella Petr.
Javonarxia Subram.
Jayarambhatia J. Pratibha
Jerainum Nawawi & Kuthub.
Jubispora B. Sutton & H.J. Swart
Junctospora Minter & Hol.-Jech.
Junewangia W.A. Baker & Morgan-Jones
Kalamarospora G. Delgado
Kalchbrenneriella Diederich & M.S. Christ.
Kaleidosporium Van Warmelo & B. Sutton
Kamatella Anahosur
Kamatia V.G. Rao & Subhedar
Kameshwaromyces Kamal et al.
Karsteniomyces D. Hawksw.
Kendrickiella K. Jacobs & M.J. Wingf.
Keratospaera H.P. Upadhyay*
Ketubakia Kamat et al.
Kiliophora Kuthub. & Nawawi
Kionocephala P.M. Kirk
Kmetia Bres. & Sacc.
Kmetiopsis Bat. & Peres
Knemiothyrium Bat. & J.L. Bezerra
Kodonospora K. Ando
Kolletes Kohlm. & Volkm.-Kohlm.
Kontospora A. Roldán et al.
Korunomyces Hodges & F.A. Ferreira
Kostermansinda Rifai
Kostermansindiopsis R.F. Castañeda
Kramabeeja G.V. Rao & K.A. Reddy
Kramasamuha Subram. & Vittal
Kreiseliella Braun
Kumanasamuha P. Rag. Rao & D. Rao
Kutilakesa Subram.
Kyphophora B. Sutton
Lacellina Sacc.
Lacellinopsis Subram.
Laciniocladium Petri
Laeviomycetes D. Hawksw.
Lagenomyces Cavalc. & A.A. Silva
Lambdasporium Matsush.
Lambinonia Sérus. & Diederich
Laocoön J.C. David
Lappodochium Matsush.
Lasiodiplodiella Zambett.
Lasiothyrium Syd. & P. Syd.
Lasmeniella Petr. & Syd.
Latericonis G.V. Rao et al.
Lateriramulosa Matsush.
Laterispora Uecker et al.
Lawalreea Dieder.
Lecaniocola Brain
Lecanostictopsis B. Sutton & Crous
Lecophagus M.W. Dick

- Leeina* Petr.
Leightonomyces D. Hawksw. & B. Sutton
Lembuncula Cif.
Lemkea Morgan-Jones & R.C. Sinclair
Lepisticola W. Gams
Leprieurinella Bat. & H. Maia
Leptascospora Speg.
Leptochlamys Died.
Leptodermella Höhn.
Leptodiscella Papendorf
Leptomelanconium Petr.
Leptophyllosticta I.E. Brezhnev
Leptostromella (Sacc.) Sacc.
Leptothyrella Sacc.
Leptothyrina Höhn.
Leptothyrium Kunze
Leucoconiella Bat. et al.
Leucoconis Theiss. & Syd.
Leucodochium Syd. & P. Syd.
Leuliisinea Matsush.
Libertiella Speg. & Roum.
Lichenobactridium Diederich & Etayo
Lichenohendersonia Calat. & Etayo
Lichenopeziza Zúkal
Lichenopuccinia D. Hawksw. & Hafellner
Lichenostella Calat. & Etayo
Linkosia A. Hern. Gut. & B. Sutton
Linochorella Syd. & P. Syd.
Linodochium Höhn.
Listeromyces Penz. & Sacc.
Lithopythium Bornet & Flahault
Lobatopedis P.M. Kirk
Loliomyces Maire
Lomaantha Subram.
Lomachashaka Subram.
Ludwigomyces Kirschst.
Luxuriomyces R.F. Castañeda
Luzfridiella R.F. Castañeda & W.B. Kendr.
Lylea Morgan-Jones
Lysotheca Cif.
Mackenziella Yanna & K.D. Hyde
Macroallantina Speer
Macrodiplodia Sacc.
Macrotrichum Grev.
Mahabalella B. Sutton & S.D. Patil
Manginella Bat. & H. Maia
Mapletonia B. Sutton
Margarinomyces Laxa
Martinellisia V.G. Rao & Varghese
Massalongina Bubák
Massariothea Syd.
Matsushimaea Subram.
Matsushimiella R.F. Castañeda & Heredia
Matsushimomyces V.G. Rao & Varghese
Medusamyces G.L. Barron & Szijarto
Megalodochium Deighton
Megaloseptoria Naumov
Melanocephala S. Hughes
Melanophoma Papendorf & J.W. du Toit
Melophia Sacc.
Menidochium R.F. Castañeda & W.B. Kendr.
Mercadomyces J. Mena
Merismella Syd.
Metadiplodia Syd.
Metazythia Petr.
Metazythiopsis M. Morelet
Microblastosporon Cif.
Microclava F. Stevens
Microdiscula Höhn.
Microdothiorella C.A.A. Costa & Sousa da Câmara
Microhendersonula Dias & Sousa da Câmara
Micromastia Speg.
Microperella Höhn.
Micropustulomyces R.W. Barreto
Microtyle Speg.
Microxyphiella Speg.
Microxyphiopsis Bat.
Mindoa Petr.
Minimidochium B. Sutton
Minteriella Heredia et al.
Minutoexcipula V. Atienza & D. Hawksw.
Minutophoma D. Hawksw.
Mirandina G. Arnaud ex Matsush.
Miricatena Punith. & Spooner
Mirimyces Nag Raj
Mixtoconidium Etayo
Monochaetiella E. Castell.
Monochaetinula Muthumary et al.
Monochaetopsis Pat.
Monodia Breton & Faurel
Monodidymaria U. Braun
Monodisma Alcorn
Monostichella Höhn.
Moralesia Urries
Morrisographium M. Morelet
Mucosetospora M. Morelet
Muiogone Thaxt.
Muirella R. Sprague
Murogenella Goos & E.F. Morris
Mycelephas R.F. Castañeda
Mycocentrodochium K. Matsush. & Matsush.
Mycöenterolobium Goos
Mycopara Bat. & J.L. Bezerra
Mycospraguea U. Braun & Rogerson
Mycosticta Höhn.
Mycosylva M.C. Tulloch

- Mycotodea* Kirschst.
Mycousteria M.L. Farr
Myiocoprula Petr.
Myriellina Höhn.
Myrmaecium Nitschke ex Fuckel
Myrmecomycetes Jovenaz & Kimbr.
Myrotheciastrum Abbas & B. Sutton
Mystrosporiella Munjal & Kulshr.
Myxoparaphysella Caball.
Myxosporella Sacc.
Myxosporidiella Negru
Myxostomellina Syd.
Myxothyriopsis Bat. & A.F. Vital
Myxothyrium Bubák & Kabát
Naemosphaera P. Karst.
Naemosphaerella Höhn.
Nagrajia R.F. Castañeda & W.B. Kendr.
Nagrajomyces Mel'nik
Nakatopsis Whitton et al.
Nanoschema B. Sutton
Naothyrsium Bat.
Necraphidium Cif.
Nematogonum Desm.
Nematographium Goid.
Nemozythiella Höhn.
Nealpakesa Punith.
Neoarbuscula B. Sutton
Neobarclaya Sacc.
Neodiplodina Petr.
Neofuckelia Zeller & Goodd.
Neohendersonia Petr.
Neoheteroceras Nag Raj
Neojohnstonia B. Sutton
Neoligniella Naumov
Neomarssoniella U. Braun
Neomelanconium Petr.
Neopeltis Syd.
Neopericonia Kamal et al.
Neophoma Petr. & Syd.
Neoplaconema B. Sutton
Neopodoconis Rifai
Neospegazzinia Petr. & Syd.
Neottiospora Desm.
Neozythia Petr.
Neta Shearer & J.L. Crane
Nidulispora Nawawi & Kuthub.
Nigrolentilocus R.F. Castañeda & Heredia
Nigromacula Etayo
Nigropuncta D. Hawksw.
Nosoploea Fr.
Nothospora Peyronel
Novozymia W.P. Wu
Nummospora E. Müll. & Shoemaker
Nusia Subram.
Nyctalospora E.F. Morris
Nypaella K.D. Hyde & B. Sutton
Obeliospora Nawawi & Kuthub.
Obstipipilus B. Sutton
Octopodotus Kohlm. & Volkm.-Kohlm.
Odontodictyospora Mercado
Oedothea Syd.
Ojibwaya B. Sutton
Olpitrichum G.F. Atk.
Omega B. Sutton & Minter
Oncopodium Sacc.
Oncospora Kalchbr.
Oncosporella P. Karst.
Oncostroma Bat. & Marasas
Onychophora W. Gams et al.
Oothyrium Syd.
Ophiosira Petr.
Orphanocoela Nag Raj
Ostracoderma Fr.
Ostracodermidium Mukerji
Oswaldina Rangel
Ovadendron Sigler & J.W. Carmich.
Paathramaya Subram.
Pachycladina Marvanová
Palawaniopsis Bat. et al.
Paliphora Sivan. & B. Sutton
Papilionospora V.G. Rao & B. Sutton
Pappimyces B. Sutton & Hodges
Paraaoria R.K. Verma & Kamal
Pararthrocladium Matsush.
Parablastocatena Y.D. Zhang & X.G. Zhang
Paraceratocladium R.F. Castañeda
Parachionomyces Thaug
Paracostantinella Subram. & Sudha
Paracryptophiale Kuthub. & Nawawi
Paracytospora Petr.
Paradendryphiopsis M.B. Ellis
Paradidymobotryum C.J.K. Wang & B. Sutton
Paradiplodia Speg. ex Trotter
Paradischloridium Bhat & B. Sutton
Paradiscula Petr.
Paraëpicoccum Matsush.
Parafulvia Kamal et al.
Parahaplotrichum W.A. Baker & Partr.
Paraharknessia Matsush.
Parahyalotiopsis Nag Raj
Paramassariothea Subram. & Muthumary
Paramenisporopsis Matsush.
Parapericonia M.B. Ellis
Parapericoniella U. Braun et al.
Paraphaeoisaria de Hoog & Morgan-Jones
Parapithomyces Thaug

- Parapyricularia* M.B. Ellis
Pararobillarda Matsush.
Parasphaeropsis Petr.
Parastigmatellina Bat. & C.A.A. Costa
Paratetraploa M.K.M. Wong & K.D. Hyde
Paratomenticola M.B. Ellis
Paratrichoconis Deighton & Piroz.
Paraulocladium R.F. Castañeda
Paspalomyces Linder
Patriciomyces D. Hawksw.
Pazschkeella Syd. & P. Syd.
Peethasthabeija P. Rag. Rao
Pellionella (Sacc.) Sacc.
Peltasterinostroma Punith.
Peltasteropsis Bat. & H. Maia
Peltistroma Henn.
Peltistromella Höhn.
Peltosoma Syd.
Peltostromellina Bat. & A.F. Vital
Peltostromopsis Bat. & A.F. Vital
Penzigomyces Subram.
Perelegamyces R.F. Castañeda & W.B. Kendr.
Perizomella Syd.
Pestalozziella Sacc. & Ellis ex Sacc.
Petrakiopsis Subram. & K.R.C. Reddy
Phacidiostromella Höhn.
Phacostroma Petr.
Phacostromella Petr.
Phaeoblastophora Partr. & Morgan-Jones
Phaeocandelabrum R.F. Castañeda et al.
Phaeodactylium Agnihothr.
Phaeodiscula Cub.
Phaeodomus Höhn.
Phaeohiratsukaea Udagawa & Iwatsu
Phaeoidiomyces Dorn.-Silva & Dianese
Phaeolabrella Speg.
Phaeomonilia R.F. Castañeda et al.
Phaeomonostichella Keissl. ex Petr.
Phaeophloeospora Crous & B. Sutton
Phaeophomopsis Höhn.
Phaeoschizotrichum Silva et al.
Phaeosporobolus D. Hawksw. & Hafellner
Phaeostalagmus W. Gams
Phaeostilbelloides Armando et al.
Phaeothyrium Petr.
Phaeotrichoconis Subram.
Phaeoxyphiella Bat. & Cif.
Phalangispora Nawawi & J. Webster
Phellostroma Syd. & P. Syd.
Phialoarthrobotryum Matsush.
Phialogeniculata Matsush.
Phialophaeosisaria Matsush.
Phialosporostilbe Mercado & J. Mena
Phialostele Deighton
Phialotubus R.Y. Roy & Leelav.
Phloeosporina Höhn.
Phlyctaeniella Petr.
Phomachora Petr. & Syd.
Phomachorella Petr.
Phomatospora Tak. Kobay. & K. Sasaki
Phomyces Clem.
Phragmoconidium G.F. Sepúlveda et al.
Phragmopeltis Henn.
Phragmospathula Subram. & N.G. Nair
Phragmospathulella J. Mena & Mercado
Phragmotrichum Kunze
Phthora d'Hérelle
Phylloedium Fr.
Phyllohendersonia Tassi
Physalidiella Rulamort
Physalidiopsis R.F. Castañeda & W.B. Kendr.
Piggotia Berk. & Broome
Pinatubo J.B. Manandhar & Mew
Piperivora Siboe et al.
Piricauda Bubák
Piricaudilium Hol.-Jech.
Piricaudiopsis J. Mena & Mercado
Pirispora Faurel & Schotter
Pirostomella Sacc.
Pithosira Petr.
Pittostroma Kowalski & T.N. Sieber
Placella Syd.
Placodiplodia Bubák
Placomelan Cif.
Placonema (Sacc.) Petr.
Placonemina Petr.
Placosphaerina Maire
Placotheca Syd.
Placothyrium Bubák
Plagiostigmella Petr.
Plasia Sherwood
Plectonaemella Höhn.
Plectopeltis Syd.
Plectophomopsis Petr.
Plectopycnis Bat. & A.F. Vital
Plectosira Petr.
Plectronidiopsis Nag Raj
Plectronidium Nag Raj
Plenocatenulis Bat. & Cif.
Plenophysa Syd. & P. Syd.
Plenotrichopsis Bat.
Plenotrichum Syd.
Plenozythia Syd. & P. Syd.
Pleocouturea G. Arnaud
Plesiospora Drechsler
Pleurodesmospora Samson et al.

- Pleurodiscula* Höhn.
Pleurodomus Petr.
Pleuropedium Marvanová & S.H. Iqbal
Pleurophomopsis Petr.
Pleuroplaconema Petr.
Pleuroplacosphaeria Syd.
Pleurotheciopsis B. Sutton
Pleurothyriella Petr. & Syd.
Pleurovularia R. Kirschner & U. Braun
Pocillopyncnis Dyko & B. Sutton
Podoplaconema Petr.
Podosporiella Ellis & Everh.
Podosporiopsis Jian Ma et al.
Podosporium Schwein.
Poikilosperma Bat. & J.L. Bezerra
Polybulbophiale Goh & K.D. Hyde
Polychaetella Speg.
Polycladium Ingold
Polydesmus Mont.
Polyetron Bat. & Peres
Polylobatispora Matsush.
Polypaecilum G. Sm.
Polyrostrata T.P. Devi & N. Mathur
Polystomellomyces Bat.
Polystratorictus Matsush.
Polytretophora Mercado
Porocladium Descals
Poropeltis Henn.
Porophilomyces U. Braun
Porosubramania Hol.-Jech.
Porrectotheca Matsush.
Potamomyces K.D. Hyde
Prathoda Subram.
Proboscispora Punith.
Protostegiomyces Bat. & A.F. Vital
Protostroma Bat.
Pseudoacrodictys W.A. Baker & Morgan-Jones
Pseudoanguillospora S.H. Iqbal
Pseudoaristastoma Suj. Singh
Pseudoasperisporium U. Braun
Pseudobasidiospora Dyko & B. Sutton
Pseudocanalisorium R.F. Castañeda & W.B. Kendr.
Pseudocenangium P. Karst.
Pseudochuppia Kamal et al.
Pseudoclathrosphaerina Voglmayr
Pseudoconium Petr.
Pseudocytoplacosphaeria Punith. & Spooner
Pseudocytospora Petr.
Pseudodichomera Höhn.
Pseudodidymaria U. Braun
Pseudodiplodia (P. Karst.) Sacc.
Pseudodiscula Laubert
Pseudofuscophialis Sivan. & H.S. Chang
Pseudogaster Höhn.
Pseudographiella E.F. Morris
Pseudohepatica P.M. Jørg.
Pseudomeria G.L. Barron
Pseudomicrodochium B. Sutton
Pseudoneottiospora Faurel & Schotter
Pseudopatellina Höhn.
Pseudopeltistroma Katum.
Pseudopenidiella Crous & Koukol
Pseudoperitheca Elenkin
Pseudopetrakia M.B. Ellis
Pseudophloeosporella U. Braun
Pseudophragmotrichum W.P. Wu et al.
Pseudopolystigmina Murashk.
Pseudoramularia Matsush.
Pseudorhizopogon Kobayasi
Pseudoschizothyra Punith.
Pseudosigmoidea K. Ando & N. Nakam.
Pseudostegia Bubák
Pseudothyrium Höhn.
Pseudotorula Subram.
Pseudotracylla B. Sutton & Hodges
Pseudotrichoconis W.A. Baker & Morgan-Jones
Pseudozythia Höhn.
Psilosphaeria Cooke
Pteromycula P. Cannon
Pterulopsis Wakef. & Hansf.
Pterygosporopsis P.M. Kirk
Puccinospora Speg.
Pulchromyces Hennebert
Pullospora Faurel & Schotter
Pulvinella A.W. Ramaley
Punctillina Toro
Pycnidioarxiella Punith. & N.D. Sharma
Pycnidiopeltis Bat. & C.A.A. Costa
Pycnis Bref.
Pycnodactylus Bat. et al.
Pycnodallia Kohlm. & Volkm.-Kohlm.
Pycnoharknessia Matsush.
Pycnomma Syd.
Pycnomoreletia Rulamort
Pycnoseynesia Kuntze
Pycnothera N.D. Sharma & G.P. Agarwal
Pycnothyriella Bat.
Pycnothyrium Died.
Pyramidospora Sv. Nilsson
Pyrenyllum Clem.
Pyrgostroma Petr.
Pyripnomycetes Cavalc.
Quadracaea Lunghini et al.
Quadricladium Nawawi & Kuthub.
Quasidiscus B. Sutton
Queenslandia Bat. & H. Maia

- Quezelia* Faurel & Schotter
Raciborskiomyces Siemaszko*
Radiatispora Matsush.
Raizadenia S.L. Srivast.
Ramakrishnanella Kamat & Ullasa ex Ullasa
Ramicapitulum Whitton, K.D. Hyde & McKenzie
Ramicephala Voglmayr & G. Delgado
Ramoconidiifera B. Sutton et al.
Redbia Deighton & Piroz.
Refractohilum D. Hawksw.
Repetoblastiella R.F. Castañeda et al.
Retroconis de Hoog & Bat. Vegte
Retrostium Nakagiri & Tad. Ito
Rhabdocelema Syd.
Rhabdogloeopsis Petr.
Rhabdostromella Höhn.
Rhabdostromina Died.
Rhexoacrodictys W.A. Baker & Morgan-Jones
Rhexoampullifera P.M. Kirk
Rhexoprolifer Matsush.
Rhinotrichella G. Arnaud ex de Hoog
Rhipidocephalum Trail
Rhizosphaerina B. Sutton
Rhodesia Grove
Rhodesiopsis B. Sutton & R. Campb.
Rhodothallus Bat. & Cif.
Rhombostilbella Zimm.
Rhopalocladium Schroers et al.
Rhynchodiplodia Briosi & Farneti
Rhynchomyces Willk.
Rhynchoseptoria Unamuno
Rhynchosporina Arx
Riclaretia Peyronel
Rileyia A. Funk
Robakia Petr.
Roeslerina Redhead
Rogergoosiella A. Hern. et al.
Roscoepoundia Kuntze
Rosulomyces S. Marchand & Cabral
Rota Bat. et al.
Ruggieria Cif. & Montemart.
Sadasivania Subram.
Sanjuanomyces R.F. Castañeda & W.B. Kendr.
Sarcinosporon D.S. King & S.C. Jong
Sarcoexcipula Etayo
Sarcophoma Höhn.
Sarophorum Syd. & P. Syd.
Satchmopsis B. Sutton & Hodges
Sativumoides S.C. Ren et al.
Scaphidium Clem.
Sceptrifera Deighton
Schizothyra Bat. & C.A.A. Costa
Schizothyrella Thüm.
Schizothyropsis Bat. & A.F. Vital
Schizotrichum McAlpine
Schroeteria G. Winter
Schwarzmannia Pisareva
Scirrhophoma Petr.
Sclerococcum Fr.
Sclerographiopsis Deighton
Sclerographium Berk.
Scleromeris Syd.
Sclerophoma Höhn.
Scleropycnis Syd. & P. Syd.
Sclerozythia Petch
Scolecobasidiella M.B. Ellis
Scolecobeltrania Iturr. et al.
Scolecodochium K. Matsush. & Matsush.
Scolecosporella Petr.
Scolecotecha Søchting & B. Sutton
Scolecocythia Curzi
Scoliotidium Bat. & Cavalc.
Scopaphoma Dearn. & House
Scopulariella Gjaerum
Scothelius Bat. et al.
Scutisporus K. Ando & Tubaki
Scutopeltis Bat. & H. Maia
Scutopycnis Bat.
Seimatosporiopsis B. Sutton et al.
Selenosira Petr.
Selenosporopsis R.F. Castañeda & W.B. Kendr.
Semipseudocercospora J.M. Yen
Septocytella Syd.
Septogloeum Sacc.
Septomyxella (Höhn.) Höhn.
Septopatella Petr.
Septosporiopsis W.A. Baker & Morgan-Jones
Septosporium Corda
Septotrullula Höhn.
Sessiliospora D. Hawksw.
Setolibertella Punith. & Spooner
Setophiale Matsush.
Setosporella Mustafa & Abdul-Wahid
Setosynnema D.E. Shaw & B. Sutton
Seychellomyces Matsush.
Seynesiopsis Henn.
Shawiella Hansf.
Shearia Petr.
Sheariella Petr.
Sheathnema Dubey & Moonambeth
Shivomyces Hosag.
Siamia V. Robert et al.
Sigmatomyces Sacc. & P. Syd.
Simmonsella J.L. Crane & A.N. Mill.
Sirexipula Bubák
Sirocyphis Clem.

- Sirogloea* Petr.
Sirologniella Naumov
Sirophoma Höhn.
Siroplacodium Petr.
Siropleura Petr.
Siroscyphellina Petr.
Sirosperma Syd. & P. Syd.
Sirosphaera Syd. & P. Syd.
Sirosporonaemella Naumov
Sirothecium P. Karst.
Sirothyriella Höhn.
Sirothyrium Syd. & P. Syd.
Sirozythia Höhn.
Sirozythiella Höhn.
Sitochora H.B.P. Upadhyay
Slimacomycetes Minter
Soloacrospora W.B. Kendr. & R.F. Castañeda
Solosympodiella Matsush.
Solotermiospora Matsush.
Spermatoloncha Speg.
Spermochaetella Cif.
Spermospora R. Sprague
Spermosporella Deighton
Sphaeridium Fresen.
Sphaeriestromella Bubák
Sphaeriothyrium Bubák
Sphaeromma H.B.P. Upadhyay
Sphaeronema Fr.
Sphaerophoma Petr.
Sphaerulomyces Marvanová
Spicularia Pers.
Spilodochium Syd.
Spinulospora Deighton
Spiralum J.L. Mulder
Spiropes Cif.
Splanchospora Lar.N. Vassiljeva
Spondylocladiella Linder
Spondylocladiopsis M.B. Ellis
Sporhaplus H.B.P. Upadhyay
Sporidesmiopsis Subram. & Bhat
Sporoglena Sacc.
Sporophiala P. Rag. Rao
Stachybotryella Ellis & Barthol.
Stachybotryna Tubaki & T. Yokoy.
Stagonopatella Petr.
Stagonopsis Sacc.
Stagonosporina Tassi
Stagonostromella Petr. & Syd.
Staheliella Emden
Stalagmochaetia Cif. & Bat.
Stauronema (Sacc.) Syd. et al.
Stauronematopsis Abbas et al.
Staurophoma Höhn.
Stegonsporiopsis Van Warmelo & B. Sutton
Stellifraga Alstrup & Olech
Stellomyces Morgan-Jones et al.
Stellopeltis Bat. & A.F. Vital
Stellospora Alcorn & B. Sutton
Stellothyriella Bat. & Cif.
Stenocephalopsis Chamuris & C.J.K. Wang
Stenoclatiella Marvanová & Descals
Stenospora Deighton
Stephembruneria R.F. Castañeda
Stevensonula Petr.
Stictopatella Höhn.
Stictosepta Petr.
Stigmatellina Bat. & H. Maia
Stigmea Fr.
Stigmella Lév.
Stigmima Sacc.
Stigmopeltis Syd.
Stilbellula Boedijn
Stilbodendron Syd. & P. Syd.
Stilbophoma Petr.
Strasseria Bres. & Sacc.
Strasseriosis B. Sutton & Tak. Kobay.
Stratiphoromyces Goh & K.D. Hyde
Striosphaeropsis Verkley & Aa
Stromatocrea W.B. Cooke
Stromatopogon Zahlbr.
Stromatopycnis A.F. Vital
Stromatostysanus Höhn.
Strongylohallus Bat. & Cif.
Stygiomyces Coppins & S.Y. Kondr.
Stylaspergillus B. Sutton et al.
Subhysteropycnis Wedin & Hafellner
Subicularium M.L. Farr & Goos
Subulispora Tubaki
Suttoniella S. Ahmad
Suttonina H.C. Evans
Syamithabeeja Subram. & Natarajan
Sylviacollaea Cif.
Symphysos Bat. & Cavalc.
Sympodiella W.B. Kendr.
Sympodiocladium Descals
Sympodioclathra Voglmayr
Sympodioplanus R.C. Sinclair & Boshoff
Sympodiosynnema J.W. Xia & X.G. Zhang
Synchronoblastia Uecker & F.L. Caruso
Syncladium Rabenh.
Synnemacrodictys W.A. Baker & Morgan-Jones
Synnemaseimatoides K. Matsush. & Matsush.
Synnematomyces Kobayasi
Synostomina Petr.
Syphosphaera Dumort.
Systremmopsis Petr.

- Taeniolina* M.B. Ellis
Talekpea Lunghini & Rambelli
Talpapellis Alstrup & M.S. Cole
Tandonea M.D. Mehrotra
Tarsodisporus Bat. & A.A. Silva
Tectacervulus A.W. Ramaley
Telioclipeum Viégas
Temerariomyces B. Sutton
Teratosperma Syd. & P. Syd.
Termitaria Thaxt.
Termitariopsis M. Blackw et al.
Tetrabrachium Nawawi & Kuthub.
Tetrabrunneospora Dyko
Tetracocosporium Szabó
Tetrameronycha Speg. ex W. Rossi & M. Blackw.
Tetranacriella Kohlm. & Volkm.-Kohlm.
Tetranacrium H.J. Huds. & B. Sutton
Tetraposporium S. Hughes
Textotheca Matsush.
Thaptospora B. Sutton & Pascoe
Thirumalacharia Rathaiah
Tholomyces Matsush.
Thoracella Oudem.
Thrinacospora Petr.
Thyrinula Petr. & Syd.
Thyriostromella Bat. & C.A.A. Costa
Thyrostromella Höhn.
Thyrsidiella Höhn. ex Höhn.
Thyrsidina Höhn.
Tiarosporellivora Punith.
Ticogloea G. Weber et al.
Ticosynnema R.F. Castañeda et al.
Titaea Sacc.
Titaeopsis B. Sutton & Deighton
Titaeospora Bubák
Tomenticola Deighton
Tompetchia Subram.
Toxosporiella B. Sutton
Toxosporiopsis B. Sutton & Sellar
Toxosporium Vuill.
Tracylla (Sacc.) Tassi
Trematophoma Petr.
Tremellidium Petr.
Tretendophragmia Subram.
Tretocephala Subram.
Tretolylea Cantillo et al.
Tretospeira Piroz.
Tretovularia Deighton
Tribolospora D.A. Reid
Tricellula Beverw.
Trichobolbus Bat.
Trichobotrys Penz. & Sacc.
Trichoconis Clem.
Trichodiscula Vouaux
Trichodoichium Syd.
Trichomatoclava G.F. Sepúlveda et al.
Trichomatomyces Dorn.-Silva & Dianese
Trichomatosphaera Pereira-Carv. et al.
Trichopeltulum Speg.
Trichoseptoria Cavara
Trichosporiella Kamyschko
Trichosporodoichium Dorn.-Silva & Dianese
Trichotheca P. Karst.
Tricladiella K. Ando & Tubaki
Tricladiospora Descals
Tricladiospora Nawawi & Kuthub.
Tricornispora Bonar
Trifurcospora K. Ando & Tubaki
Trigonosporium Tassi
Tripoconidium Subram.
Triposporina Höhn.
Triramulispora Matsush.
Triscelophorus Ingold
Triscelosporium Nawawi & Kuthub.
Trisulcosporium H.J. Huds. & B. Sutton
Tromeropsis Sherwood
Troposporium Harkn.
Troposporopsis Whitton et al.
Tryblidiopycnis Höhn.
Tryssglobulus B. Sutton & Pascoe
Tuberculispora Deighton & Piroz.
Tulipispora Révay & Gönczöl
Tumularia Descals & Marvanová
Tunicago B. Sutton & Pollack
Turgidosculum Kohlm. & E. Kohlm.
Turturconchata J.L. Chen et al.
Tympanosporium W. Gams
Uberispora Piroz. & Hodges
Ubrizysa Negru
Ulocoryphus Michaelides et al.
Umbellidion B. Sutton & Hodges
Uniseta Ciccar.
Urohendersonia Speg.
Urohendersoniella Petr.
Uvarispora Goos & Piroz.
Vagnia D. Hawksw. & Miqdl.
Vanakripa Bhat et al.
Vanbeverwijkia Agnihothr.
Vanderystiella Henn.
Vanterpoolia A. Funk
Vasudevella Chona et al.
Velloziomyces Armando et al.
Velutipila D. Hawksw.
Ventrographium H.P. Upadhyay et al.
Venustocephala Matsush.
Venustosynnema R.F. Castañeda & W.B. Kendr.

Veracruzomyces Mercado et al.
Veramycella G. Delgado
Veramyces Matsush.
Verdipulvinus A.W. Ramaley
Veronaella Subram. & K.R.C. Reddy
Veronidia Negru
Verrucariella S. Ahmad
Verrucophragmia Crous et al.
Verticicladius Matsush.
Vesicladiella Crous & M.J. Wingf.
Vesiculohyphomyces Armando et al.
Vestigium Piroz. & Shoemaker
Virgariella S. Hughes
Vittalia Gaws & Bhat
Vouauxiella Petr. & Syd.
Waihonghopes Yanna & K.D. Hyde
Wardinella Bat. & Peres
Websteromyces W.A. Baker & Partr.
Weufia Bhat & B. Sutton
Wilsonomyces Adask. et al.
Wolkia Ramsb.
Xanthoriicola D. Hawksw.
Xenidiocercus Nag Raj
Xenochora Petr.
Xenodomus Petr.
Xenoheteroconium Bhat et al.
Xenokylindria DiCosmo et al.
Xenomyxa Syd.
Xenopeltis Syd. & P. Syd.
Xenoplaca Petr.
Xenostroma Höhn.
Xeroconium D. Hawksw.
Xiambola Minter & Hol.-Jech.
Xiphomyces Syd. & P. Syd.
Xiuguozhangia K. Zhang et al.
Xylobotryum Pat.
Xylochia B. Sutton
Xyloglyphis Clem.
Xylohypha (Fr.) E.W. Mason
Xylohyphopsis W.A. Baker & Partr.
Yalomyces Nag Raj
Yinmingella Goh et al.
Ypsilina J. Webster et al.
Ypsilomyces D.A.C. Almeida & Gusmão
Yuccamyces Gour et al.
Zakatoshia B. Sutton
Zebrospora McKenzie
Zelandiocoela Nag Raj
Zelodactylaria A.C. Cruz et al.
Zelopelta B. Sutton & R.D. Gaur
Zelosatchmopsis Nag Raj
Zetesimomyces Nag Raj
Zevadia J.C. David & D. Hawksw.

Zilingia Petr.
Zinzipegasa Nag Raj
Zopheromyces B. Sutton & Hodges
Zunura Nag Raj
Zythia Fr.
Zyxiophora B. Sutton

Notes

Acericola Wanas. et al.

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

Acrodontium de Hoog

Videira et al. (2017) accepted this genus as in *Teratosphaeriaceae*.

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*.

Akanthomyces Lebert

Kepler et al. (2017) treated *Torrubiella* Boud. and *Lecanicillium* W. Gams & Zare as synonyms of this genus.

Alanomyces Sharma

Sharma et al. (2017) introduced this genus and showed that phylogenetically it belongs in *Aplosporellaceae*.

Alinaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate a single genus *Alina* Racib. which was previously treated as *Perisporiopsidaceae*.

Allocryptovalsa Senwanna et al.

Senwanna et al. (2017) introduced this monotypic genus and accepted it as a genus in *Diatrypaceae* based on phylogenetic analyses.

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

Hongsanan et al. (2017a) accepted *Amphisphaeriales* as a distinct order in *Xylariomycetidae*.

Amplistromataceae Huhndorf et al.

Daranagama et al. (2017) re-visited the family and accepted *Acidothrix* Hujšlová & M. Kolařík, *Amplistroma* Huhndorf et al. and *Wallrothiella* Sacc. as the members of the family based on morpho-molecular analyses.

Anguillosporella U. Braun

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Annellophragmia Subram.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Annellostymodia McTaggart et al.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Annulatasceae S.W. Wong et al.

Zhang et al. (2017a) provided morpho-molecular background of the family.

Aphanostigme Syd.

Boonmee et al. (2017) transferred this genus to *Phaeosphaeriaceae* based on morphology.

Apiognomonina Höhn.

Senanayake et al. (2017a, b) treated *Discula* Sacc. as a synonym of *Apiognomonina*

Aquadictyospora Z.L. Luo et al.

Li et al. (2017c) introduced this aquatic hyphomycetous genus and confirmed its placement in *Dictyosporiaceae*.

Aquaticola W.H. Ho et al.

Zhang et al. (2017a) tentatively placed this genus in *Diaportheomycetidae* genera *incertae sedis*

Arthopyreniaceae W. Watson

Jaklitsch et al. (2016a) accepted this family which comprises single genus *viz.* *Arthopyrenia* A. Massal. However, Liu et al. (2017) did not accept this family.

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

Liu et al. (2017) treated *Asterotexiales* as a synonym of *Asterinales*.

Asterolibertia G. Arnaud

Firmino et al. (2016) reinstated the genus and placed in *Asterinaceae* based on phylogenetic analyses.

Asteromidium Speng.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Atractospora Réblová & J. Fourn.

Zhang et al. (2017a) showed that this genus as distinct phylogenetic lineage in *Diaportheomycetidae*. Thus, *Atractosporales* and *Atractosporaceae* were introduced to accommodate the genus.

Australosphaerella Videira & Crous

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

Balladynaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Balladyna* Racib., *Balladynocallia* Bat. and

Balladynopsis Theiss. & Syd. based on their parasitic lifestyle on living leaves.

Banhegyia L. Zeller & Tóth

Ekanayaka et al. (2017) accepted this genus as in *Patellariaceae*.

Barbatosphaeriaceae H. Zhang et al.

Zhang et al. (2017a) introduced this family to accommodate *Barbatosphaeria* Réblová, *Ceratostomella* Sacc. and *Xylomelasma* Réblová.

Barlaea Sacc.

Ekanayaka et al. (pers com) accepted this genus as in *Pyronemataceae*.

Barrmaeliaceae Voglmayr & Jaklitsch

Voglmayr et al. (2018) introduced this new family in *Xylariales* to accommodate *Barrmaelia* Rappaz. and *Entosordaria* (Sacc.) Höhn.

Biatriosporaceae K.D. Hyde

Tibpromma et al. (2017) accepted this family in *Pleosporales*.

Biciliopsis Diederich

Hyde et al. (2017b) re-visited and illustrated the type species of the genus. Further they concluded that it belongs in *Sordariomycetes incertae sedis*.

Botryosphaeriaceae Theiss. & H. Syd.

Liu et al. (2017) treated *Pseudofusicoccumaceae* and *Endomelanconiopsisaceae* as synonyms of *Botryosphaeriaceae*. However, no formal synonymies were proposed and these two families must be regarded as valid.

Brunswicksiella Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Brycekendrickomyces Crous & M.J. Wingf.

Wijayawardene et al. (2017a) erroneously stated as the genus belongs in *Trichomeriaceae*.

Bryochiton Döbbeler & Poelt

Hyde et al. (2017b) treated this genus as in *Teratosphaeriaceae*

Bryomyces Döbbeler

See under *Pseudoperisporiaceae*.

Calosphaeriales M.E. Barr

Hongsanan et al. (2017a) treated *Jobellisiales* M.J. D'souza & K.D. Hyde as a synonym of this order.

Camptomeris Syd.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Candida Berkhout

Wijayawardene et al. (2017a) stated that this genus belongs in *Candidaceae* S. Goldst. However, Index Fungorum (2017) listed this family as invalid.

Carinispora K.D. Hyde

Hyde et al. (2017b) showed that this genus is belongs in *Pseudoastrospheariellaceae*.

Castellaniomyces Senan. et al.

Hyde et al. (2017b) introduced this genus and showed that it belongs in *Xylariales incertae sedis*.

Catenulocercospora C. Nakash. et al.

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

Cenangiaceae Rehm

Ekanayaka et al. (2017) erroneously treated this family as a synonym of *Hemiphacidiaceae* Korf. However, Jaklitsch et al. (2016a) and Pärtel et al. (2017) and Wijayawardene et al. (2017a, b) accepted *Cenangiaceae* over *Hemiphacidiaceae*.

Ceratosperma Speng.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Cercoramularia Videira et al.

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

Cercosperma G. Arnaud ex B. Sutton & Hodges

Videira et al. (2017) tentatively accepted this genus as in *Mycosphaerellaceae*.

Cercosphaerella Kleb.

Videira et al. (2017) provisionally accepted this genus as in *Mycosphaerellaceae*.

Chuppomyces Videira & Crous

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

Clarohilum Videira & Crous

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

Clavicipitaceae (Lindau) Earle ex Rogerson

Hongsanan et al. (2017a) treated *Flammocladellaceae* Crous et al. as a synonym of *Clavicipitaceae*.

Cleistosphaeraceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Cleistosphaera* Syd. & P. Syd. which was previously treated as *Perisporiopsisaceae*

Cocciscia Norman

Hyde et al. (2017b) treated this genus as in *Verrucariaceae*.

Cocoidella Höhn.

Boonmee et al. (2017) comprehensive background of the genus with illustration of the type species

Collarispora Videira & Crous

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

Coniochaetales Huhndorf et al.

Hongsanan et al. (2017a) treated *Cordanales* M. Hern.-Rest. & Crous as a synonym of *Coniochaetales*.

Conlarium F. Liu & L. Cai

Zhang et al. (2017a) introduced *Conlariaceae* (in *Atractosporales*) to accommodate the genus.

Coremiopassalora U. Braun et al.

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

Corinectria C. González & P. Chaverri

González and Chaverri (2017) introduced this genus to accommodate *Neonectria fuckeliana* in *Nectriaceae*.

Coronophorales Nannf.

Hongsanan et al. (2017a) treated *Melanosporales* N. Zhang & M. Blackw. as a synonym of *Coronophorales*

Coryneaceae Corda

Senanayake et al. (2017a, b) treated *Pseudovalsaceae* M.E. Barr) as a synonym of *Coryneaceae*.

Coryneliomycetidae A.R. Wood et al.

Wood et al. (2016) introduced this subclass in *Eurotiomycetes*.

Cucurbitariaceae G. Winter

Wanasinghe et al. (2017d) treated *Fenestellaceae* as a synonym of *Cucurbitariaceae*.

Cytosporaceae Fr.

Senanayake et al. (2017a, b) treated *Valsaceae* Tul. & C. Tul. as a synonym of *Cytosporaceae* Fr.

Cytostagonospora Bubák

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Deightonomyces Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Delonicicola R.H. Perera et al.

Perera et al. (2017) introduced this genus, which was found associated with *Delonix regia* seed pods. The genus showed distinct phylogenetic lineage in *Xylariomycetidae*, thus *Delonicicolales* and *Delonicicolaceae* were introduced.

Delonicolales R.H. Perera et al.

See under *Delonicicola* R.H. Perera et al.

Delonicolaceae R.H. Perera et al.

See under *Delonicicola* R.H. Perera et al.

Dendroseptoria Alcalde

Koukol et al. (2017) showed that this genus has closer relationship with *Cyanodermella* (*Stictidaceae*, *Ostropales*, *Lecanoromycetes*). Thus, we placed the genus in *Stictidaceae*.

Devonomyces Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Diaporthales Nannf.

Senanayake et al. (2017a, b) revised the order and introduced several new families viz. *Apiosporopsidaceae*, *Apharknessiaceae*, *Asterosporiaceae*, *Auratiopycnidellaceae*, *Erythroglloeaceae*, *Melanconiellaceae* and *Prosopidicolaceae*.

Dictyospora Brahamanage et al.

Brahmanage et al. (2017) introduced this genus with hyphomycetous asexual morph. DNA sequence analyses showed that it belongs in *Tubeufiaceae*.

Dimeriella Speg.

Boonmee et al. (2017) transferred this genus to *Venturiaceae*.

Dimerium (Sacc. & P. Syd.) McAlpine

Boonmee et al. (2017) reinstated the family *Dimeriaceae* to accommodate this genus.

Distocercosporaster Videira et al.

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

Distomycovellosiella U. Braun et al.

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

Dothiorella Sacc.

Yang et al. (2017) treated *Spencermartinsia* as a synonym of *Dothiorella*.

Dysrhynchisceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Dysrhynchis* Clem.

Endoxylina Romell

Hyde et al. (2017b) treated this genus as in *Diatrypaceae*.

Episphaerella Petr.

Boonmee et al. (2017) transferred this genus to *Mycosphaerellaceae* based on its morphology.

Eremothecium Borzi emend. Kurtzman

Wijayawardene et al. (2017a) treated this genus as in *Saccharomycetaceae*.

Euantennariaceae Hughes & Corlett

Liu et al. (2017) treated this family as a member in *Capnodiales*.

Eumela Syd.

Boonmee et al. (2017) re-visited the genus and accepted as a genus in *Dothideomycetes* genera *incertae sedis*.

Exopassalora Videira & Crous

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

Exutisphaerella Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Fasciatispora K.D. Hyde

Daranagama et al. (2018) placed this genus in *Amphisphaeriales* genera *incertae sedis*

Foliophoma Crous

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

Fulvia Cif.

Videira et al. (2017) reinstated this genus and accepted as in *Mycosphaerellaceae*.

Fuscostagonosporaceae Jayasiri et al.

Hyde et al. (2017b) introduced this family to place *Fuscostagonospora* Kaz. Tanaka & K. Hiray.

Fusiconidium J.F. Li et al.

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

Fusoidispora D. Vijaykrishna et al.

Zhang et al. (2017a) excluded the genus from *Annulatascaceae* and placed this genus in *Diaportheomycetidae* genera *incertae sedis*.

Genabea Tul. & C. Tul.

Ekanayaka et al. (pers com) accepted this genus as in *Pyronemataceae*.

Graminopassalora U. Braun et al.

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

Graphostromataceae M.E. Barr et al.

Hongsanan et al. (2017a) and Wendt et al. (2018) accepted *Graphostromataceae* as a distinct family in *Xylariales*.

Haematomyxa Sacc

Ekanayaka et al. (2017) accepted this genus as in *Patellariaceae*.

Halodiatrype Dayarathne & K.D. Hyde

Dayarathne et al. (2016) introduced this genus and confirmed its placement in *Diatrypaceae*.

Halokirschsteiniothelia Boonmee & K.D. Hyde

Ekanayaka et al. (2017) transferred this genus to *Mytilinidiaceae*.

Helminthosporium Link

Voglmayr and Jaklitsch (2017) treated *Exosporium* Link as a synonym of *Helminthosporium* Link. Further, Voglmayr and Jaklitsch (2017) accepted *Helminthosporium* has massarina- or splanchnonema-like sexual morphs and placed in *Massarinaceae*.

Hemiascosporium L.R. Batra

Ekanayaka et al. (pers com) accepted this genus as in *Ascodesmidaceae*.

Henningsiella Rehm

Phookamsak et al. (2016) transferred this genus to *Saccardiaceae*.

Hyalomeliolinaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Hyalomeliolina* F. Stevens

Hyalocercosporidium Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Hyalozasmidium U. Braun

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

Hypoxylaceae DC.

Daranagama et al. (2018) revisited the family and the list of genera in this study is based on their study.

Hypoxydon Bull.

Based on mega blast researches, *Camporesia* W.J. Li & K.D. Hyde is treated as a synonym of *Hypoxydon* (personal communication with M. Stadler)

Hysteropatella Rehm

Ekanayaka et al. (2017) accepted this genus as in *Patellariaceae*.

Immotthia M.E. Barr

Hyde et al. (2017b) treated this genus as in *Rousoellaceae*.

Inocyclus Theiss. & Syd.

Boonmee et al. (2017) transferred this genus to *Parmulariaceae* based on morphology

Ionomidotis E.J. Durand ex Thaxt.

Ekanayaka et al. (2017) accepted *Ionomidotis* as genus a genus in *Cordieritidaceae*.

Kalmusibambusa Phook. et al.

Thambugala et al. (2017) introduced this genus and confirmed its placement in *Didymosphaeriaceae* based on phylogenetic analyses.

Keratosphaera H.P. Upadhyay

Boonmee et al. (2017) treated this genus as doubtful.

Koorchalomella Chona et al.

Hyde et al. (2017b) introduced *Koorchalomella salmonispora* Abdel-Aziz and Abdel-Wahab and showed that it belongs in *Stachybotriaceae*.

Lahmiomyces Cif. & Tomas.

Ekanayaka et al. (2017) accepted this genus as in *Patellariaceae*.

Lentomitellaceae H. Zhang et al.

Zhang et al. (2017a) introduced this family to accommodate *Lentomitella* Höhn. and placed it in *Diaporthomycetidae* families *incertae sedis*

Leptomeliola Höhn.

Boonmee et al. (2017) treated this genus as *Dothideomycetes incertae sedis*.

Leptospora Penz. & Sacc.

Konta et al. (2017) showed that this genus has distinct phylogenetic lineage in *Chaetosphaeriales* thus, new family, *Leptosporaceae* was introduced.

Leveillina Theiss. & Syd.

Boonmee et al. (2017) treated this genus as a member in *Dothideomycetes*.

Libertasomycetaceae Crous

Crous and Groenewald (2017) introduced this family to accommodate *Libertasomyces*.

Licopolia Sacc. et al.

Hyde et al. (2017b) treated this genus as in *Vizellaceae*.

Linocarpaceae Konta & K.D. Hyde

Konta et al. (2017) showed that *Linocarpon* Syd. & P. Syd. and *Neolinocarpon* K.D. Hyde have distinct phylogenetic lineages in *Chaetosphaeriales*. Thus, the new family, *Linocarpaceae* was introduced to accommodate both genera.

Linopeltis I. Hino & Katum.

Phookamsak et al. (2016) transferred this genus to *Dothideomycetes* genera *incertae sedis* based on morphology.

Lizoniaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Lizonia* (Ces. & De Not.) De Not.

Lojkania Rehm

Phookamsak and Hyde (2015) excluded the genus from *Fenestellaceae* and placed in *Testudinaceae*

Longitudinalis Tibpromma & K.D. Hyde

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

Madagascaromyces U. Braun et al.

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

Mamianiella Höhn.

Senanayake et al. (2017a, b) treated *Anisogramma* Theiss. & Syd. and *Mamiania* Ces & De Not. as synonyms of *Mamianiella*.

Marsupiomycetes Senan. & K.D. Hyde

Senanayake et al. (2017a, b) introduced this genus and showed that belongs in *Gnomoniaceae*.

Melanocarpus Arx

Wang et al. (2016) treated this genus as in *Chaetomiaceae*.

Melaspileaceae W. Watson

Lücking et al. (2017) treated *Melaspileaceae* over *Eremithallaceae*. However, Ekanayaka et al. (2017) accepted *Eremithallaceae* over *Melaspileaceae* erroneously. In here we follow Lücking et al. (2017).

Micronematomyces U. Braun et al.

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

Micropeltidaceae Clem. & Shear

Hongsanan and Hyde (2017) excluded the family from *Microthyriales* and placed in *Lecanoromycetes*.

Mniaecia Boud.

Wijayawardene et al. (2017a) treated this genus as in *Helotiaceae*. However, Jaklitsch et al. (2016a) accepted *Mniaecia* as in *Phacidiales*. In here we follow Jaklitsch et al. (2016a).

Montagnula Berl.

Wanasinghe et al. (2016) treated *Munkovalsaria* Aptroot as a synonym of *Montagnula*.

Muripulchra Z.L. Luo et al.

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

Muritestudina Wanas. et al.

Wanasinghe et al. (2017c) introduced this saprobic genus which can be accommodated in *Testudinaceae*.

Mycocaliciaceae A.F.W. Schmidt

Ekanayaka et al. (2017) treated *Sphinctrinaceae* M. Choisy as a synonym of this family.

Mycodiella Crous

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Myxophora Döbbeler & Poelt

Boonmee et al. (2017) transferred this genus to *Botryosphaeriaceae* based on its morphology.

Neoquastroma Wanas. et al.

Wanasinghe et al. (2017b) introduced this genus which resides in *Parabambusicolaceae*.

Nematotheciaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate three genera viz. *Nematothecium* Syd. & P. Syd., *Nematostigma* Syd. & P. Syd., and *Ophioparodia* Petr. & Cif.

Neocamarosporiaceae Wanas. et al.*

Wanasinghe et al. (2017a) introduced this family to accommodate *Neocamarosporium* Crous & M.J. Wingf.

Neocercosporidium Videira & Crous

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

Neocoleroa Petr.

Boonmee et al. (2017) transferred this genus to *Venturiaceae*.

Neohelicomyces Z.L. Luo et al.

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

Neoparodiaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Neoparodia* Petr. & Cif.

Neophloeospora U. Braun et al.

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Neophyllachora Dayarathne & K.D. Hyde

Dayarathne et al. (2017) introduced this genus with Spermatial or conidial stage. Phylogenetic analyses showed that it belongs in *Phyllachoraceae*.

Neoramichloridium Phook. et al.

Thambugala et al. (2017) introduced this hyphomycetous genus and confirmed its placement in *Mycosphaerellaceae* based on phylogenetic analyses.

Neotubeufia Chaiwan et al.

Chaiwan et al. (2017) introduced this genus which morphologically resembles *Tubeufia*. In their phylogenetic analyses, *Neotubeufia* can be accommodated in *Tubeufiaceae*.

Novomicrothelia Aptroot et al.

Zhang et al. (2017b) introduced new non-lichenized species *viz.* *N. pandanicola* and confirmed its placement in *Trypetheliaceae*.

Nothopassalora U. Braun et al.

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

Nothopericoniella Videira & Crous

Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Nothophaeocryptopus Videira et al.

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

Opegrapha Ach.

Boonmee et al. (2017) re-visited the genus and provided current status. *Kalaallia* Alstrup & D. Hawksw. was treated as a synonym of *Opegrapha*.

Ophiobolopsis Phook. et al.

Phookamsak et al. (2017) introduced this monotypic genus to accommodate ophiobolus-like species in *Phaeosphaeriaceae* based on morphological and phylogenetic distinctiveness.

Orthobellus Silva & Cavalc.

Phookamsak et al. (2016) treated this genus as in *Dothideomycetes* genera *incertae sedis* based on morphology.

Otidea Eckblad

Ekanayaka et al. (pers com) resurrected the family and accepted eight genera *viz.* *Acervus*, *Arpinia*, *Ascosparassis*, *Monascella*, *Otidea*, *Wenyuingia*, *Diehliomyces* and *Warcupia*.

Pantospora Cif.

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Pachyramichloridium Videira & Crous

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

Paracercosporidium Videira & Crous

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

Paramycovellosiella Videira et al.

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

Paraophiobolus Phook. et al.

Phookamsak et al. (2017) introduced this genus to accommodate ophiobolus-like taxa in *Phaeosphaeriaceae*

that the genus formed a distinct lineage from *Ophiobolus sensu stricto*.

Parapallidocercospora Videira et al.

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

Perisporiopsis E. Müll. & Arx ex R. Kirschner & T.A. Hofm.

Boonmee et al. (2017) accepted only *Chevalieropsis*, *Parodiellina* and *Perisporiopsis* as the members in this family.

Peyronelia Cif. & Gonz. Frag.

Ekanayaka et al. (2017) accepted this genus as in *Mytiliniaceae*.

Phaeoappendicospora Senan. et al.

Senanayake et al. (2017a, b) introduced this genus and showed that belongs in *Diaporthales*.

Phaeodimeriellaceae Boonmee et al.

Boonmee et al. (2017) introduced this family to accommodate *Phaeodimeriella* Speng.

Phaeopoocea Thambug. et al.

Thambugala et al. (2017) introduced this genus with coelomycetous asexual morph and phylogenetic analyses showed its placement in *Phaeosphaeriaceae*.

Phaeostigme Syd. & P. Syd.

Boonmee et al. (2017) provided the current status of the genus and accepted as a genus in *Dothideomycetes* genera *incertae sedis*.

Phaeothecoidiellaceae K.D. Hyde & Hongsanan

Hongsanan et al. (2017b) introduced this family based on the genus *Phaeothecoidiella* Batzer & Crous.

Phragmeriella Hansf.

Boonmee et al. (2017) transferred this genus to *Sordariomycetes incertae sedis* based on its unitunicate asci.

Pilgeriella Henn.

Boonmee et al. (2017) transferred this genus to *Botryosphaeriaceae* based on its morphology.

Pleostigma Kirschst.

Wijayawardene et al. (2017a) erroneously stated as the genus belongs in *Dothideomycetes*. Boonmee et al. (2017) accepted this genus as in *Chaetothyriales* genera, *incertae sedis*.

Pluripassalora Videira & Crous

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

Pleopassalora Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Pleuropassalora U. Braun et al.

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

Pleurotremataceae Walt. Watson

Norphanphoun et al. (2017) treated *Dyfrolomycetaceae* as a synonym of this family. Further, they showed that *Pleurotremataceae* can be accommodated in *Dothideomycetes* and accepted *Dyfrolomyces* K.D. Hyde et al., *Melomastia* Nitschke ex Sacc. and *Pleurotrema* Müll. Arg. as members of the family.

Pododimeriaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Chaetoscutula* E. Müll. and *Pododimeria* E. Müll.

Polyclypeolinaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Polyclypeolina* Bat. & I.H. Lima.

Polystigmataceae Höhn. ex Nannf.

Dayarathne et al. (2017) resurrected this family which comprises only one genus i.e. *Polystigma* DC. and accepted its placement in *Xylariales*.

Pseudoannulatascus Z.L. Luo et al.

Zhang et al. (2017a) excluded the genus from *Annulatasceae* and placed this genus in *Diaportheomycetidae* genera *incertae sedis*.

Pseudocoleodictyosporaceae Doilom & K.D. Hyde

Doilom et al. (2017) introduced this family to accommodate new genera, *Pseudocoleodictyospora* Doilom & K.D. Hyde and *Subglobosporium* Doilom & K.D. Hyde.

Pseudopericoniella Videira & Crous

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

Pseudoophiobolus Phook.et al.

Phookamsak et al. (2017) introduced this genus to accommodate ophiobolus-like taxa in *Phaeosphaeriaceae* that the genus formed a distinct lineage from *Ophiobolus sensu stricto* and is closely related with *Nodulosphaeria*.

Pseudoperisporiaceae Toro

Boonmee et al. (2017) re-visited the family and accepted *Eudimeriolium* Speg., *Lasiostemma* Theiss. and *Nematostoma* Syd. & P. Syd. as the members of the family. Hyde et al. (2017b) accepted *Bryomyces* Döbbeler as the fourth genus of the family.

Pseudophaeophleospora C. Nakash. et al.

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

Pseudoproboscisporaceae H. Zhang et al.

Zhang et al. (2017a) introduced *Pseudoproboscisporaceae* (in *Atractosporales*) to accommodate *Diluviicola* K.D. Hyde et al. and *Pseudoproboscispora* Punith.

Pseudozasmidium Videira & Crous

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

Purpurepithecium Jayasiri & K.D. Hyde

Jayasiri et al. (2017) introduced this genus with hyphomycetous asexual morph. Phylogenetic analyses showed that the genus belongs in *Gloniaceae*.

Querciphoma Crous

Crous and Groenewald (2017) introduced this genus and showed that it belongs in *Leptosphaeriaceae*.

Raciborskiomyces Siemaszko

Boonmee et al. (2017) treated this genus as doubtful.

Ragnhildiana Solheim

Videira et al. (2017) reinstated this genus and accepted as in *Mycosphaerellaceae*.

Rhachisphaerella U. Braun et al.

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

Rimula Velen.

Ekanayaka et al. (2017) accepted this genus as in *Patellariaceae*.

Rosisphaerella Videira & Crous

The genus was introduced by Videira et al. (2017) and showed that it belongs in *Mycosphaerellaceae*.

Rousoellaceae J.K. Liu et al.

Tibpromma et al. (2017) accepted this family as a well resolved family in *Pleosporales*.

Schizothyriaceae Höhn. ex Trotter et al.

Phookamsak et al. (2016) mentioned that the placement of *Kerniomyces* Toro, *Metathyriella* Syd., and *Myriangiella* Zimm. is doubtful. However, we provisionally place them in *Schizothyriaceae* pending future studies.

Scolionema Theiss. & Syd.

Boonmee et al. (2017) treated this genus as *Dothideomycetes* genus *incertae sedis*.

Semifissispora H.J. Swart

Boonmee et al. (2017) re-visited the genus and accepted as a member in *Massarinaceae*.

Septorioides Quaedvl. et al.

Crous et al. (2016), in their phylogeny, regarded *Septorioides* as a genus in *Saccharataceae* and not as a family. However, formal synonymy was not proposed and therefore *Septorioideaceae* must be regarded as a valid family.

Sepultaria (Cooke) P. Karst.

Ekanayaka et al. (pers com) accepted this genus as in *Pyronemataceae*.

Seynesia Sacc.

Daranagama et al. (2018) placed this genus in *Amphisphaeriales* genera *incertae sedis*

Sirosporium Bubák & Serebrian.

Videira et al. (2017) tentatively placed this genus in *Mycosphaerellaceae*.

Sordariomycetidae O.E. Erikss & Winka

Hongsanan et al. (2017a) treated *Meliolomycetidae* P.M. Kirk & K.D. Hyde as a synonym of *Sordariomycetidae*.

Sphaeronaemella s. lato

Senanayake et al. (2017a, b) accepted *Sphaeronaemella fragariae* belongs in *Melanconiellaceae*.

Sporidesmajora Batzer & Crous

Videira et al. (2017) accepted this genus as in *Phaeothecodiellaceae*.

Sporocadaceae Corda

Jaklitsch et al. (2016b) treated *Bartaliniaceae*, *Discosiaceae*, *Pestalotiopsidaceae* and *Robillardaceae* as synonyms of *Sporocadaceae*.

Staurospheeria Rabenh.

Wanasinghe et al. (2017a) showed that this genus belongs in *Coniothyriaceae*.

Stomatogeneaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Stomatogene* Theiss.

Strumella Fr.

Ekanayaka et al. (pers com) accepted this genus as in *Sarcosomataceae*.

Sultanimyces Videira & Crous

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

Sydowiellaceae Lar.N. Vassiljeva

Senanayake et al. (2017a, b) re-visited the family and provided a comprehensive morpho-molecular background. Furthermore, Senanayake et al. (2017a, b) introduced six new genera based on morphology and phylogeny viz. *Italiomyces*, *Ranulospora*, *Tenuiappendicula*, *Alborbis*, *Breviappendix*, and *Paragnomonina*.

Taeniolella S. Hughes

Ekanayaka et al. (2017) transferred this genus to *Mytilinidiaceae*.

Testudinaceae Arx

Wanasinghe et al. (2017c) confirmed the placements of *Angustospora* Abdel-Aziz, *Lepidosphaeria* Parg.-Leduc, *Muritestudina* Wanas. et al., *Neotestudina* Segretain & Destombes and *Ulospora* D. Hawksw. et al. in *Testudinaceae* based on phylogenetic analyses.

Toroaceae Boonmee & K.D. Hyde

Boonmee et al. (2017) introduced this family to accommodate *Toroa* Syd.

Tubeufiales Boonmee & K.D. Hyde

Liu et al. (2017) treated *Bezerromycetales* and *Wiesneriomycetales* as synonyms of *Tubeufiales*.

Uleomyces P. Henn.

Boonmee et al. (2017) transferred this genus in *Myriangiaceae* based on its morphology.

Virosphearella Videira & Crous

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

Woswasiaceae H. Zhang et al.

Zhang et al. (2017a) introduced this family to accommodate *Cyanoannulus* Raja et al., *Woswasia* Jaklitsch et al. and *Xylochrysis* Réblová et al.

Xenosonderhenia Crous

Videira et al. (2017) accepted this genus as in *Mycosphaerellaceae*.

Xenosonderhenioides Videira & Crous

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

Xylariaceae Tul. & C. Tul.

Hongsanan et al. (2017a) treated *Clypeosphaeriaceae* G. Winter as a synonym of *Xylariaceae*.

Yunnanensis Karun. et al.

Karunarathna et al. (2017) introduced this genus which resided in *Phaeosphaeriaceae*.

Zalaria Visagie et al.

Humphries et al. (2017) introduced this genus and new family *Zalariaceae* in *Dothideales*.

Zasmidium Fr.

Videira et al. (2017) *Periconiella* Sacc., *Biharia* Thirum. & Mishra, *Stenellopsis* B. Huguenin, *Verrucisporota* D.E. Shaw & Alcorn and *Verrucispora* D.E. Shaw & Alcorn as synonyms of this genus

Zygosporium Mont.

Li et al. (2017b) showed that this genus had distinct phylogenetic lineage in *Xylariales*, thus introduced *Zygosporiaceae*.

Acknowledgements We would like to thank Alan J.L. Phillips, Dinushani A. Daranagama, Dhnushka Wanasinghe, Indunil C. Senanayake, Paul M. Kirk, Saranyaphat Boonmee and Singang Hongsanan for their comments and suggestions. Kevin D. Hyde would like to thank the Thailand Research Funds entitled Biodiversity, phylogeny and role of fungal endophytes on above parts of *Rhizophora apiculata* and *Nypa fruticans* (Grant No.: RSA5980068), The future of specialist fungi in a changing climate: baseline data for generalist and specialist fungi associated with ants, *Rhododendron* species and *Dracaena* species (Grant No.: DBG6080013), Impact of climate change on fungal diversity and biogeography in the Greater Mekong Subregion (Grant No.: RDG6130001) and Mae Fah Luang University for a grant “Diseases of mangrove trees and maintenance of good forestry practice” (Grant No.: 60201000201), Taxonomy diversity, Phylogeny and Evolution of fungi in Capnodiales (Grant No.: 666713), and the Chinese Academy of Sciences, Project Number 2013T2S0030, for the award of Visiting Professorship for Senior International Scientists at Kunming Institute of Botany. Rungtiwa Phookamsak thanks to the CAS President’s International Fellowship for Postdoctoral Researchers (Project No. 2017PB0072), the Research Fund from China Postdoctoral Science Foundation (Grant No. Y71B283261) and Chiang Mai University for financial support.

References

- Abdel-Wahab MA, Dayarathne MC, Suetrong S, Guo SY et al (2017) New saprobic marine fungi and a new combination. *Bot Mar* 60:469–488
- Boonmee S, Phookamsak R, Hongsanan S, Doilom M et al (2017) *Mycosphere* notes 51–101. Revision of genera in *Perisporiopsisaceae* and *Pseudoperisporiaceae* and other Ascomycota genera *incertae sedis*. *Mycosphere* 8:1695–1801
- Brahmanage RS, Lu YZ, Bhat DJ, Wanasinghe DN et al (2017) Phylogenetic investigations on freshwater fungi in *Tubeufiaceae* (*Tubeufiales*) reveals the new genus *Dictyospora* and new species *Chlamydotubeufia aquatica* and *Helicosporium flavum*. *Mycosphere* 8:917–933
- Chaiwan N, Lu YZ, Tibpromma S, Bhat DJ et al (2017) *Neotubeufia* gen. nov. and *Tubeufia guangxiensis* sp. nov. (*Tubeufiaceae*) from freshwater habitats. *Mycosphere* 8:1443–1456
- Crous PW, Groenewald JZ (2017) The Genera of Fungi–G 4: *Camarosporium* and *Dothiora*. *IMA Fungus* 8:131–152
- Crous PW, Wingfield MJ, Burgess TI, Hardy GS et al (2016) Fungal planet description sheets: 469–557. *Persoonia* 37:218–403
- Daranagama DA, Hyde KD, Sir EB, Thambugala KM et al (2018) Towards a natural classification and backbone tree for *Graphostromataceae*, *Hypoxylaceae*, *Lopadostromataceae* and *Xylariaceae*. *Fungal Divers*. <https://doi.org/10.1007/s13225-017-0388-y>
- Daranagama DA, Tian Q, Liu XZ, Hyde KD (2017) Towards a natural classification of *Amplistromataceae*. *Mycosphere* 8:1392–1402
- Dayarathne MC, Phookamsak R, Hyde KD, Manawasinghe IS et al (2016) *Halodiatrype*, a novel diatrypaceous genus from mangroves with *H. salinicola* and *H. avicenniae* spp. nov. *Mycosphere* 7:612–627
- Dayarathne MC, Maharachchikumbura SS, Jones EB, Goonasekara ID (2017) *Neophyllachora* gen nov. (Phyllachorales), three new species of *Phyllachora* from Poaceae and resurrection of *Polystigmataceae* (Xylariales). *Mycosphere* 8:1598–1625
- Doilom M, Dissanayake AJ, Wanasinghe AN, Boonmee S et al (2017) Microfungi on *Tectona grandis* (teak) in northern Thailand. *Fungal Divers* 82:107–182
- Ekanayaka AH, Ariyawansa HA, Hyde KD, Jones EB et al (2017) *Discomycetes*: the apothecial representatives of the phylum *Ascomycota*. *Fungal Divers* 87:237–298
- Firmino AL, Inácio CA, Pereira OL, Dianese JC (2016) Additions to the genera *Asterolibertia* and *Cirsosia* (*Asterinaceae*, *Asterinales*), with particular reference to species from the Brazilian Cerrado. *IMA Fungus* 7:9–28
- González CD, Chaverri P (2017) *Corinectria*, a new genus to accommodate *Neonectria fückeliana* and *C. constricta* sp. nov. from *Pinus radiata* in Chile. *Mycol Prog* 16:1015–1027
- Hawksworth DL (2012) Managing and coping with names of pleomorphic fungi in a period of transition. *Mycosphere* 3(2):143–155
- Hongsanan S, Hyde KD (2017) Phylogenetic placement of Micropeletidaceae. *Mycosphere* 8:1930–1942
- Hongsanan S, Maharachchikumbura SS, Hyde KD, Samarakoon MC et al (2017a) An updated phylogeny of Sordariomycetes based on phylogenetic and molecular clock evidence. *Fungal Divers* 84:25–41
- Hongsanan S, Zhao RL, Hyde KD (2017b) A new species of *Chaetothyria* on branches of mango, and introducing *Phaeothecoidiaceae* fam. nov. *Mycosphere* 8:137–146
- Humphries Z, Seifert KA, Hirooka Y, Visagie CM (2017) A new family and genus in *Dothideales* for Aureobasidium-like species isolated from house dust. *IMA Fungus* 8:299–315
- Hyde KD, Maharachchikumbura SS, Hongsanan S, Samarakoon MC (2017a) The ranking of fungi: a tribute to David L. Hawksworth on his 70th birthday. *Fungal Divers* 84:1–23
- Hyde KD, McKenzie EHC, Koko TW (2011) Towards incorporating anamorphic fungi in a natural classification—checklist and notes for 2010. *Mycosphere* 2:1–88
- Hyde KD, Norphanphoun C, Abreu VP, Bazzicalupo A (2017b) *Fungal diversity notes* 603–708: taxonomic and phylogenetic notes on genera and species. *Fungal Divers* 87:1–235
- Index Fungorum (2017) <http://www.indexfungorum.org/Names/Names.asp>
- Jaklitsch W, Baral HO, Lucking R, Lumbsch HT (2016a) *Ascomycota*. In: Frey W (ed) *Syllabus of plant families*, 23rd edn. Borntraeger Science Publishers, Stuttgart
- Jaklitsch WM, Gardiennet A, Voglmayr H (2016b) Resolution of morphology-based taxonomic delusions: *Acrocordiella*, *Basiseptospora*, *Blogiascospora*, *Clypeosphaeria*, *Hymenoplella*, *Lep-teutypa*, *Pseudapiospora*, *Requienella*, *Seiridium* and *Strickeria*. *Persoonia* 37:82–105
- Jayasiri SC, Hyde KD, Jones EG, Ariyawansa HA et al (2017) A new hysteriform *Dothideomycete* (*Gloniaceae*, *Pleosporomycetidae* *Incertae sedis*), *Purpurepithecium murisporum* gen. et sp. nov. on pine cone scales. *Cryptogam Mycol* 38:241–251
- Karunarathna A, Papizadeh M, Senanayake IC, Jeewon R et al (2017) Novel fungal species of *Phaeosphaeriaceae* with an asexual/sexual morph connection. *Mycosphere* 8:1818–1834
- Kendrick WB (1989) Subdivision Deuteromycotina a fungal chimera. *Sydowia* 41:6–14
- Kendrick WB (ed) (1979) *The whole fungus*. Nat Mus Canada and Kananaskis Foundation
- Kepler RM, Luangsa-ard JJ, Hywel-Jones NL, Quandt CA et al (2017) A phylogenetically-based nomenclature for *Cordycipitaceae* (*Hypocreales*). *IMA Fungus* 8:335–353
- Konta S, Hongsanan S, Eungwanichayapant PD, Liu JK et al (2017) *Leptosorella* (*Leptosorellaceae* fam. nov.) and *Linocarpon*

- and *Neolinocarpon* (*Linocarpaceae* fam. nov.) are accommodated in Chaetosphaeriales. *Mycosphere* 8:1943–1974
- Koukol O, Hofmann TA, Piepenbring M (2017) *Dendroseptoria mucilaginos*: a new anamorphic fungus with stauroconidia and phylogenetic placement of *Dendroseptoria*. *Mycol Prog* 16:1065–1070
- Li GJ, Hyde KD, Zhao RL, Hongsanan S et al (2016) Fungal diversity notes 253–366: taxonomic and phylogenetic contributions to fungal taxa. *Fungal Divers* 78:1–237
- Li J, Jeewon R, Luo Z, Phookamsak R (2017a) Morphological characterization and DNA based taxonomy of *Fusiconidium* gen. nov. with two novel taxa within *Melanommataceae* (*Pleosporales*). *Phytotaxa* 308:206–218
- Li JF, Phookamsak R, Jeewon R, Tibpromma S et al (2017b) Establishment of *Zygosporiaceae* fam. nov. (*Xylariales*, *Sordariomycetes*) based on rDNA sequence data to accommodate *Zygosporium*. *Mycosphere* 8:1855–1868
- Li WL, Luo ZL, Liu JK, Bhat DJ et al (2017c) Lignicolous freshwater fungi from China I : *Aquadictyospora lignicola* gen. et sp. nov. and new record of *Pseudodictyosporium wauense* from north-western Yunnan Province. *Mycosphere* 8:1587–1597
- Liu JK, Hyde KD, Jeewon R, Phillips AJL et al (2017) Ranking higher taxa using divergence times: a case study in *Dothideomycetes*. *Fungal Divers* 84:75–99
- Liu JK, Hyde KD, Jones EBG, Ariyawansa HA et al (2015) Fungal diversity notes 1–110: taxonomic and phylogenetic contributions to fungal species. *Fungal Divers* 72:1–197
- Lücking R, Hodkinson BP, Leavitt SD (2017) The 2016 classification of lichenized fungi in the Ascomycota and Basidiomycota—approaching one thousand genera. *Bryologist* 119:361–416
- Lumbsch HT, Huhndorf SM (2010) Outline of Ascomycota 2009. *Myconet* 14:1–64
- Luo ZL, Bhat DJ, Jeewon R, Boonmee S et al (2017) Molecular phylogeny and morphological characterization of asexual fungi (*Tubeufiaceae*) from freshwater habitats in Yunnan, China. *Cryptogam Mycol* 38:1–28
- Norphanphoun C, Jeewon R, McKenzie EHC, Wen TC et al (2017) Taxonomic position of *Melomastia italica* sp. nov. and phylogenetic reappraisal of *Dyffrolomyces*. *Cryptogam Mycol* 38:507–525
- Pärtel K, Baral HO, Tamm H, Pöldmaa K (2017) Evidence for the polyphyly of *Encoelia* and *Encoelioideae* with reconsideration of respective families in Leotiomycetes. *Fungal Divers* 82:183–219
- Perera RH, Maharachchikumbura SS, Jones EG, Bahkali AH et al (2017) *Delonicicola siamense* gen. & sp. nov. (*Delonicicolaceae* fam. nov., *Delonicicolales* ord. nov.), a Saprobiic Species from *Delonix regia* Seed Pods. *Cryptogam Mycol* 38(3):321–340
- Phookamsak R, Hyde KD (2015) *Fenestellaceae*. *Mycosphere* 6(4):402–413
- Phookamsak R, Boonmee S, Norphanphoun C, Wanasinghe DN et al (2016) *Schizothyriaceae*. *Mycosphere* 7:154–89
- Phookamsak R, Wanasinghe DN, Hongsanan S, Phukhamsakda C et al (2017) Towards a natural classification of *Ophiobolus* and ophiobolus-like taxa; introducing three novel genera *Ophiobolopsis*, *Paraophiobolus* and *Pseudoophiobolus* in *Phaeosphaeriaceae* (*Pleosporales*). *Fungal Divers* 87:299–339
- Senanayake IC, Crous PW, Groenewald JZ, Maharachchikumbura SS et al (2017a) Families of *Diaporthales* based on morphological and phylogenetic evidence. *Stud Mycol* 86:217–296
- Senanayake IC, Maharachchikumbura SSN, Jeewon R, Prompttha I et al (2017b) Morphophylogenetic study of *Sydowiellaceae* reveals several new genera. *Mycosphere* 8:172–217
- Senanayake IC, Maharachchikumbura SSN, Hyde KD, Bhat JD et al (2015) Towards unraveling relationships in *Xylariomycetidae* (*Sordariomycetes*). *Fungal Divers* 73:73–144
- Senwana C, Phookamsak R, Doilom M, Hyde KD (2017) Novel taxa of *Diatrypaceae* from Para rubber (*Hevea brasiliensis*) in northern Thailand; introducing a novel genus *Allocryptovalsa*. *Mycosphere* 8:1835–1855
- Sharma R, Kulkarni G, Sinawane MS (2017) *Alanomyces*, a new genus of *Aplosporellaceae* based on four loci phylogeny. *Phytotaxa* 297:168–178
- Thambugala KM, Wanasinghe DN, Phillips AJ, Camporesi E et al (2017) *Mycosphere* notes 1–50: grass (*Poaceae*) inhabiting *Dothideomycetes*. *Mycosphere* 8:697–796
- Tibpromma S, Hyde KD, Jeewon R, Maharachchikumbura SSN et al (2017) Fungal diversity notes 491–602: taxonomic and phylogenetic contributions to fungal taxa. *Fungal Divers* 83:1–261
- Videira SI, Groenewald JZ, Nakashima C, Braun U et al (2017) *Mycosphaerellaceae*—chaos or clarity? *Stud Mycol* 87:257–421
- Voglmayr H, Friebe G, Gardiennet A, Jaklitsch WM (2018) *Barrmaelia* and *Entosordaria* in *Barrmaeliaceae* (fam. nov., *Xylariales*) and critical notes on Anthostomella-like genera based on multigene phylogenies. *Mycol Progress*. <https://doi.org/10.1007/s11557-017-1329-6>
- Voglmayr H, Jaklitsch WM (2017) *Corynespora*, *Exosporium* and *Helminthosporium* revisited—new species and generic reclassification. *Stud Mycol* 87:43–76
- Wanasinghe DN, Hyde KD, Jeewon R, Crous PW et al (2017a) Phylogenetic revision of *Camarosporium* (*Pleosporineae*, *Dothideomycetes*) and allied genera. *Stud Mycol* 87:207–256
- Wanasinghe DN, Hyde KD, Konta S, To-Anun C et al (2017b) Saprobiic *Dothideomycetes* in Thailand: *Neoquastruma* gen. nov. (*Parabambusicolaceae*) introduced based on morphological and molecular data. *Phytotaxa* 302:133–144
- Wanasinghe DN, Jeewon R, Jones EBG, Tibpromma S (2017c) Saprobiic *Dothideomycetes* in Thailand: *Muritestudina* gen. et sp. nov. (*Testudinaceae*), a new terrestrial pleosporalean ascomycete, with hyaline and muriform ascospores. *Stud Fungi* 2:219–234
- Wanasinghe DN, Jones EB, Camporesi E, Dissanayake AJ et al (2016) Taxonomy and phylogeny of *Laburnicola* gen. nov. and *Paramassariosphaeria* gen. nov. (*Didymosphaeriaceae*, *Massarineae*, *Pleosporales*). *Fungal Biol* 120:1354–1373
- Wanasinghe DN, Phookamsak R, Jeewon R, Li WJ et al (2017d) *Fenestellaceae* with descriptions of new *Fenestella* species and *Neocucurbitaria* gen. nov. *Mycosphere* 8:397–414
- Wang XW, Houbraken J, Groenewald JZ, Meijer M et al (2016) Diversity and taxonomy of *Chaetomium* and chaetomium-like fungi from indoor environments. *Stud Mycol* 84:145–224
- Wendt L, Sir EB, Kuhnert E, Heitkamp S et al (2018) Resurrection and emendation of the *Hypoxylaceae*, recognised from a multigene phylogeny of the *Xylariales*. *Mycol Prog*. <https://doi.org/10.1007/s11557-017-1311-3>
- Wijayawardene DNN, McKenzie EHC, Hyde KD (2012) Towards incorporating anamorphic fungi in a natural classification-checklist and notes for 2011. *Mycosphere* 3:157–228
- Wijayawardene NN, Hyde KD, Rajeshkumar KC, Hawksworth DL et al (2017a) Notes for genera: Ascomycota. *Fungal Divers* 86:1–594
- Wijayawardene NN, Hyde KD, Tibpromma S, Wanasinghe DN et al (2017b) Towards incorporating asexual fungi in a natural classification: checklist and notes 2012–2016. *Mycosphere* 8:1457–1554
- Wijayawardene NN, Hyde KD, Wanasinghe DN, Papizadeh M et al (2016) Taxonomy and phylogeny of dematiaceous coelomycetes. *Fungal Divers* 77:1–316
- Wood AR, Damm U, van der Linde EJ, Groenewald JZ et al (2016) Finding the missing link: resolving the *Coryneliomycetidae* within *Eurotiomycetes*. *Persoonia* 37:37–56

- Yang T, Groenewald Z, Cheewangkoon R, Jami C et al (2017) Families, genera, and species of *Botryosphaeriales*. *Fungal Biology* 121:322–346
- Zhang H, Dong W, Hyde KD, Maharachchikumbura SS et al (2017a) Towards a natural classification of Annulatascaceae-like taxa: introducing *Atractosporales* ord. nov. and six new families. *Fungal Divers* 85:75–110
- Zhang SN, Hyde KD, Jones EBG, Cheewangkoon R et al (2017b) *Novomicrothelia pandanicola* sp. nov., a non-lichenized *Trypetheliaceae* species from *Pandanus*. *Phytotaxa* 321:254–264