



## Outline of Ascomycota: 2017

Nalin N. Wijayawardene<sup>1</sup> · Kevin D. Hyde<sup>1,5</sup> · H. Thorsten Lumbsch<sup>2</sup> ·  
Jian Kui Liu<sup>1,3</sup> · Sajeewa S. N. Maharachchikumbura<sup>4</sup> · Anusha H. Ekanayaka<sup>5</sup> ·  
Qing Tian<sup>5</sup> · Rungtiwa Phookamsak<sup>1</sup>

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### 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

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✉ Rungtiwa Phookamsak  
jomjam.rp2@gmail.com

<sup>1</sup> 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

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

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

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

<sup>5</sup> 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

*Andreiomycetes* 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 <sup>a</sup>	Family <sup>a</sup>
<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>Coniocybomycetes</i>	<i>Lichenostigmatales</i>	<i>Phaeococcomycetaceae</i> (3)
<i>Dothideomycetes</i>	<i>Coniocybales</i>	<i>Coniocybaceae</i> (2)
	<i>Abrothallales</i>	<i>Abrothallaceae</i> (1)
	<i>Acrospermales</i>	<i>Acrospermaceae</i> (3)
	<i>Asterinales</i>	<i>Asterinaceae</i> (21) <i>Asterotexaceae</i> (1)
	<i>Botryosphaeriales</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>Catinellales</i>	<i>Pleurotremataceae</i> (3)
	<i>Collemopsidiales</i>	<i>Melaspileaceae</i> (4)
	<i>Dothideales</i>	<i>Hysteriaceae</i> (14) <i>Aliquandostipitaceae</i> (6) <i>Manglicolaceae</i> (1)
	<i>Dyfrolomycetales</i>	
	<i>Eremithallales</i>	
	<i>Hysteriales</i>	
	<i>Jahnulales</i>	

Table 1 (continued)

Class	Order <sup>a</sup>	Family <sup>a</sup>
	<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 <sup>a</sup>	Family <sup>a</sup>
		<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 <sup>a</sup>	Family <sup>a</sup>
		<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<sup>a</sup></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 <sup>a</sup>	Family <sup>a</sup>
		<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<sup>a</sup></i>	<i>Dactylosporaceae</i> (2)
		<i>Rhynchostomataceae</i> (3)
<b>Geoglossomycetes</b>	<i>Geoglossales</i>	<i>Geoglossaceae</i> (8)
<b>Laboulbeniomycetes</b>	<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)
<b>Lecanoromycetes</b>	<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 <sup>a</sup>	Family <sup>a</sup>
		<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 <sup>a</sup>	Family <sup>a</sup>
		<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<sup>a</sup></i>	<i>Arthrorhaphidaceae</i> (1)
		<i>Helocarpaceae</i> (1)
		<i>Micropeltidaceae</i> (14)
<b><i>Leotiomyces</i></b>	<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 <sup>a</sup>	Family <sup>a</sup>
	<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<sup>a</sup></i>	<i>Amorphothecaceae</i> (2)
		<i>Myxotrichaceae</i> (6)
		<i>Pseudeurotiaceae</i> (5)
<b>Lichinomycetes</b>	<i>Lichinales</i>	<i>Gloeoheppiaceae</i> (3)
		<i>Lichinaceae</i> (44)
		<i>Peltulaceae</i> (1)
<b>Neoelectomycetes</b>	<i>Neoelectales</i>	<i>Neoelectaceae</i> (1)
<b>Orbiliomycetes</b>	<i>Orbiliales</i>	<i>Orbiliaceae</i> (13)
<b>Pezizomycetes</b>	<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>Otideaaceae</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)
<b>Pneumocystidomycetes</b>	<i>Pneumocystidales</i>	<i>Pneumocystidaceae</i> (1)
<b>Saccharomycetes</b>	<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 <sup>a</sup>	Family <sup>a</sup>
<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>Pseudoproboscisporaceae</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>Leptosporellaceae</i> (1)
		<i>Linocarpaceae</i> (2)
	<i>Coniochaetales</i>	<i>Coniochaetaceae</i> (2)
		<i>Cordanaceae</i> (1)
	<i>Conioscyphales</i>	<i>Conioscyphaceae</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>Delonicicolaceae</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 <sup>a</sup>	Family <sup>a</sup>
		<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 <sup>a</sup>	Family <sup>a</sup>
	<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<sup>a</sup></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<sup>b</sup></i>	<i>Thelocarpales</i>	<i>Thelocarpaceae</i> (2)
	<i>Vezdaeales</i>	<i>Vezdaeaceae</i> (1)
<i>Incertae sedis<sup>c</sup></i>	<i>Incertae sedis</i>	<i>Aphanopsidaceae</i> (2)
		<i>Diporotheceae</i> (1)

**Table 1** (continued)

Class	Order <sup>a</sup>	Family <sup>a</sup>
		<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

<sup>a</sup>Orders/families could be listed under different subclasses in outline. In the table, we do not consider auxiliary (intermediate) taxonomic ranks

<sup>b</sup>*Ascomycota/Pezizomycotina* orders *incertae sedis*

<sup>c</sup>*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 Coniocybomycetes** 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

*Rachicladosporium* Crous et al.

*Toxicocladosporium* Crous & U. Braun

*Verrucocladosporium* 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

*Achorodopsis* 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.  
*Scolecostigmia* 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  
*Sacchettoecium* 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  
*Hysterodiffractum* 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.  
*Leptocucurthis* 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.  
*Dictyocheirosora* 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.  
*Didymellocamarosporium* 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  
*Phaeomyocentrosora* 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.<sup>#</sup>  
*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  
*Vaginatيسpora* 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* Speg.  
*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
- Roussoellaceae** 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.  
*Zopfiouveola* 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  
*Cheirononiliophora* Tzean & J.L. Chen  
*Clematidis* Tibpromma  
*Crassiparies* M. Matsum. et al.  
*Cyclothyrium* Petr.  
*Dangardiella* 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

**Dyfrogomycetales** K.L. Pang et al.

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

*Dyfrogomyces* 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.
- Superstratomyces** van Nieuwenhuijzen et al.  
**Superstratomyces** 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.  
*Acanthostigmina* 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  
*Tamhinispora* 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.  
*Didymopleella* 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  
*Gillettiella* 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  
*Leveillella* 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.  
*Rhopoglyphus* 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.  
*Scolecoxyphium* 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* Negróni  
*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*  
*Atrokyliindriopsis* Y.R. Ma & X.G. Zhang  
*Lichenodiplus* Dyko & D. Hawksw.  
*Melnikomycetes* 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.  
*Xerochrysum* 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)\*

*Brunneocarpus* 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.
- Geoglossomyces** genera *incertae sedis*  
*Nothomitra* Maas Geest.
- Class Laboulbeniomyces** 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.  
*Herpomyces* Thaxt.
- Laboulbeniaceae** G. Winter  
*Acallomyces* Thaxt.  
*Acompsomyces* Thaxt.  
*Acrogynomyces* Thaxt.  
*Amorphomyces* Thaxt.  
*Amphimyces* 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.  
*Scepastocarpus* 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.

*Trogloomyces* S. Colla  
*Zeugandromyces* Thaxt.  
*Zodiomyces* Thaxt.

#### **Teratomycetidae** 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

#### **Laboulbeniomycetetes** 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.  
*Dermaticum* Nyl.  
*Dermisellum* 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  
*Texosporium* Nád. 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.
- Biatoraceae** M. Choisy ex Hafellner & Casares-Porcel  
*Biatorella* 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.  
*Mirioidica* 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  
*Micarea* 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  
*Protomicarea* 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  
*Labyrinthia* 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.  
*Spiloneema* 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  
*Dendriscosticta* 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.  
*Ostropa* 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 Leotiomycetes** 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.  
*Euproloella* 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  
*Pseudomitula* 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  
*Protoungicularia* 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

*Loramycetes* W. Weston  
*Obtectodiscus* E. Müll. et al.

### **Mitrulaceae** Rchb.

*Mitrula* 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.  
*Mollisina* 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  
*Scleromitruia* 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* Masseur  
*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  
*Nematococcomyces* C.L. Hou et al.  
*Neococcomyces* 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.  
*Pseudotriporiconidium* 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  
*Wenyngia* 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  
*Pseudotrifarina* 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.  
*Cephaliophora* 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.\*  
*Annulatasceus* 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\*

- Pseudoproboscisporaceae** 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.
- Cytoporaceae** 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  
*Grossmannia* Gold.  
*Hawksworthiomyces* Z.W. de Beer et al.  
*Hyalobeleemospora* 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  
*Dictyosporella* 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* Zukal  
*Gonatobotrys* Corda  
*Melanospora* Corda  
*Pteridiosperma* J.C. Krug & Jeng  
*Pustulipora* P.F. Cannon  
*Rhytidospora* 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  
*Pseudocatenomycopsis* 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.*Corallocyostroma* 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  
*Memnoniella* 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)\*  
**Boloniales** 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.

- Fremiomyces* 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.  
*Xyladictyochoaeta* 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  
*Ellisembia* 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  
*Naumovela* 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  
*Saccharomycodes* 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.  
*Anthracoderma* 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  
*Ascosubramania* 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.  
*Briania* 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.  
*Catenosubulispora* 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  
*Ciferria* 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* Speg.  
*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.  
*Columnodomus* 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  
*Culicidospora* 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* Speg.  
*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  
*Diaboliumbicus* I. Hino & Katum.  
*Diademospora* 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.  
*Harpoglyphium* 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  
*Hyphodiscosioides* 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.  
*Keratosphaera* 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.  
*Phomatosporella* 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  
*Placothea* 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.  
*Siroligniella* 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  
*Slimacomyces* Minter  
*Soloacrospora* W.B. Kendr. & R.F. Castañeda  
*Solosympodiella* Matsush.  
*Solotermynospora* 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  
*Trichodochium* Syd.  
*Trichomatoclava* G.F. Sepúlveda et al.  
*Trichomatomyces* Dorn.-Silva & Dianese  
*Trichomatosphaera* Pereira-Carv. et al.  
*Trichopeltulum* Speg.  
*Trichoseptoria* Cavara  
*Trichosporiella* Kamyschko  
*Trichosporodochium* Dorn.-Silva & Dianese  
*Trichotheca* P. Karst.  
*Tricladiella* K. Ando & Tubaki  
*Tricladiosis* 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.  
*Zyxiphora* 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*** Spég.

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.

***Biatrisporaceae*** 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 *Perisporiopsidaceae*

***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* Döbberler 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 *Septorioidea* 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 *Paragnomonia*.

***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*.

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