



## Checklist of order Capnodiales in Thailand

Rathnayaka AR and Jayawardena RS

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

Rathnayaka AR, Jayawardena RS 2019 – Checklist of order Capnodiales in Thailand. Plant Pathology & Quarantine 9(1), 166–184, Doi 10.5943/ppq/9/1/15

### Abstract

Capnodiales fungi are associated with plant and human as pathogens, endophytes, saprobes and epiphytes. Order Capnodiales consist with 15 families and 245 genera. The aim of the present study is to prepare a checklist for Capnodiales species which are recorded in Thailand. USDA database (latest accessed 09/01/2019) and related research studies are used to gather the information for the checklist. In total, 272 Capnodiales species are included in this checklist. The fungi recorded in this paper are distributed in five families and 29 genera. Most of the fungi species are belong to family *Mycosphaerellaceae*. According to this study, Capnodiales species are recorded in plant leaves, branches, fruits and decaying pod. Among them most of the capnodiales species are associated with plant leaves. This work will be used to estimate the diversity of Capnodiales species in Thailand.

**Key words** – *Acacia* – *Eucalyptus* – Leaves – *Mycosphaerellaceae* – Plant Pathogens

### Introduction

Thailand is rich in diversity of fungi and is in the tropical zone (Jones & Hyde 2004, Hyde et al. 2018). Around 6000 fungi are recorded in Thailand (Sakayaroj et al. 2010). However, in “A database of Thai fungi” recorded 13,696 fungal collections, which included 2,200 fungi species in nearly 800 fungi genera (Jones & Hyde 2004, Phengsintham et al. 2013). Rostrup (1902) introduced the first checklist of fungi from Thailand. This list included 94 taxa that comprised with 2 myxomycetes (slime moulds), 58 basidiomycetes, 12 ascomycetes and anamorphic fungi (Phengsintham et al. 2013).

Order Capnodiales introduced by Woronichin (1925) belongs to the class Dothideomycetes (Crous et al. 2009b). Capnodiales comprises 15 families and 245 genera (Wijayawardene et al. 2018). Since, the beginning Capnodiaceae is called as “sooty molds” as they appear as a network of dark mycelium on the surfaces (Crous et al. 2009b). Capnodiaceae is a largest family, which containing the sooty mould species (Hongsanan et al. 2015b). Sooty moulds can be found on the surface of leaves, flowers, fruits and stems (Chomnunti et al. 2014, Hongsanan et al. 2015b). Capnodiaceae species can be found as leaf epiphytes which are associated with honey dew produced by insects (Hughes 1976, Hyde et al. 2013). Plant and human pathogens and saprobes are also included in this order (Crous et al. 2009b). *Cladosporium halotolerans*, *C. langeronii* and *C. sphaerospermum* are some human pathogens which belong to family *Cladosporiaceae* (Bensch et al. 2012).

From 1980, *Cercosporoid* fungi which belong to the family *Mycosphaerellaceae* have been observed in Thailand (Phengsintham et al. 2013). Forty-three species of family

*Mycosphaerellaceae* from Northern Thailand were listed by Meeboon et al. (2007b). Cheewangkoon et al. (2008) studied about *Mycosphaerella* and *Teratosphaeria* species which are occurred on *Eucalyptus* leaves in Thailand. Eighty-five cercosporoid species in family *Mycosphaerellaceae* were recorded in northern Thailand (Phengsintham et al. 2013). Chomnunti et al. (2011) studied about species in family *Capnodiaceae* (Capnodiales) and described five new species which are recorded in Thailand. Zeng et al. (2018) introduced new genus, *Translucidithyrium* which accommodate in family *Phaeothecoidiaceae* from the specimens collected in Thailand.

Capnodiales species recorded in Thailand are currently not gathered in one paper. The purpose of this checklist is gathering almost all the Capnodiales species recorded in Thailand. This will be useful for future studies. This information is also important to estimate current situation of Capnodiales species diversity in Thailand.

## Materials & Methods

Information for the checklist was gathered using USDA database (Farr & Rossman 2019) (latest accessed 09/01/2019) and related research papers. This checklist includes Capnodiales species and hosts, which are recorded in Thailand. Availability of sequence data of Capnodiales species are denoted in bold. Families of Capnodiales are listed according to the alphabetical order.

## Results

**Table 1** Fungal species of order Capnodiales recorded in Thailand (Availability of sequencing data represent in **Bold**)

Family	Genus	Species	Host	References
<i>Capnodiaceae</i>	<i>Capnodium</i>	<b><i>Capnodium coffeicola</i></b>	On leaves of <i>Coffea</i> sp.	Hongsanan et al. (2015b)
<i>Capnodiaceae</i>	<i>Capnodium</i>	<b><i>Capnodium coartatum</i></b>	On living leaf of <i>Psidium guajava</i>	Chomnunti et al. (2011)
<i>Capnodiaceae</i>	<i>Conidiocarpus</i>	<b><i>Conidiocarpus plumeriae</i></b>	On leaves of <i>Plumeria</i> sp.	Hongsanan et al. (2015b)
<i>Capnodiaceae</i>	<i>Conidiocarpus</i>	<b><i>Conidiocarpus asiaticus</i></b>	On living leaf of <i>Coffea arabica</i>	Chomnunti et al. (2011)
<i>Capnodiaceae</i>	<i>Conidiocarpus</i>	<b><i>Conidiocarpus betle</i></b>	On living leaf of <i>Sapotaceae</i>	Chomnunti et al. (2014)
<i>Capnodiaceae</i>	<i>Conidiocarpus</i>	<b><i>Conidiocarpus siamensis</i></b>	On living leaf of <i>Mangifera indica</i>	Chomnunti et al. (2011)
<i>Capnodiaceae</i>	<i>Chaetocapnodium</i>	<b><i>Chaetocapnodium siamensis</i></b>	On leaves of unidentified plant	Liu et al. (2015)
<i>Capnodiaceae</i>	<i>Leptoxyphium</i>	<b><i>Leptoxyphium cacuminum</i></b>	On living leaf of <i>Gossypium herbaceum</i>	Chomnunti et al. (2011)
<i>Capnodiaceae</i>	<i>Leptoxyphium</i>	<b><i>Leptoxyphium kurandae</i></b>	Decaying fruits of <i>Lagerstroemia Loudoni</i>	Jayasiri et al. (2019)
<i>Capnodiaceae</i>	<i>Scorias</i>	<b><i>Scorias mangiferae</i></b>	On branch of <i>Mangifera</i> sp.	Hongsanan et al. (2015a)
<i>Capnodiaceae</i>	<i>Scorias</i>	<b><i>Scorias spongiosa</i></b>	On living leaf of <i>Entada</i> sp.	Chomnunti et al. (2011)
<i>Cladosporiaceae</i>	<i>Cladosporium</i>	<b><i>Cladosporium cladosporioides</i></b>	<i>Areca</i> sp.	Bensch et al. (2010)
<i>Cladosporiaceae</i>	<i>Cladosporium</i>	<b><i>Cladosporium colocasiae</i></b>	<i>Colocasia esculenta</i>	Phengsintham et al. (2013)
<i>Cladosporiaceae</i>	<i>Cladosporium</i>	<b><i>Cladosporium dominicanum</i></b>	On decaying pod septum of <i>Delonix regia</i>	Jayasiri et al. (2019)
<i>Cladosporiaceae</i>	<i>Cladosporium</i>	<b><i>Cladosporium entadae</i></b>	On decaying pod of <i>Entada phaseoloides</i>	Jayasiri et al. (2019)

**Table 1** Continued.

Family	Genus	Species	Host	References
Cladosporiaceae	Cladosporium	<b>Cladosporium perangustum</b>	<i>Acacia mangium</i>	Bensch et al. (2010)
Cladosporiaceae	Cladosporium	<b>Cladosporium sphaerospermum</b>	<i>Enhelus acoroides</i>	Sakayaroj et al. (2010)
Cladosporiaceae	Cladosporium	<b>Cladosporium subuliforme</b>	<i>Chamaedorea metallica</i>	Bensch et al. (2010, 2015)
			Arecaceae	Bensch et al. (2015)
Cladosporiaceae	Cladosporium	<b>Cladosporium tenuissimum</b>	<i>Acacia mangium</i>	Bensch et al. (2010)
Mycosphaerellaceae	Asperisporium	<b>Asperisporium caricae</b>	On leaves of <i>Carica papaya</i>	Meeboon et al. (2007b)
Mycosphaerellaceae	Catenulocercospora	<b>Catenulocercospora fusimaculans</b>	<i>Agrostis</i> sp.	Videira et al. (2017)
Mycosphaerellaceae	Cercospora	<i>Cercospora acalyphae</i>	On leaves of <i>Acalypha wilkesiana</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
Mycosphaerellaceae	Cercospora	<i>Cercospora adiantigena</i>	On leaves of <i>Doryopteris ludens</i>	To-Anun et al. (2011)
Mycosphaerellaceae	Cercospora	<i>Cercospora alocasiae</i>	<i>Alocasia macrorrhiza</i>	Phengsintham et al. (2013)
Mycosphaerellaceae	Cercospora	<i>Cercospora alpiniicola</i>	On leaves of <i>Alpinia purpurata</i>	To-Anun et al. (2011), Braun et al. (2014)
Mycosphaerellaceae	Cercospora	<i>Cercospora alpinigena</i>	<i>Alpinia purpurata</i>	Braun et al. (2014)
Mycosphaerellaceae	Cercospora	<b>Cercospora althaeina</b>	On leaves of <i>Alcea rosea</i>	To-Anun et al. (2011)
Mycosphaerellaceae	Cercospora	<i>Cercospora amorphophalli</i>	Araceae sp.	Braun et al. (2014)
Mycosphaerellaceae	Cercospora	<i>Cercospora andrographidicola</i>	On leaves of <i>Andrographis paniculata</i>	Meeboon et al. (2007b), To-Anun et al. (2011), Braun et al. (2015b)
Mycosphaerellaceae	Cercospora	<i>Cercospora andrographidis</i>	Acanthaceae sp.	Braun et al. (2015b)
			On leaves of <i>Andrographis paniculata</i>	Braun et al. (2015b)
Mycosphaerellaceae	Cercospora	<b>Cercospora apii</b>	On leaves of <i>Bidens pilosa</i>	Nakashima et al. (2007)
			Musaceae sp.	Braun et al. (2014)
			<i>Apium graveolens</i> (Apiaceae)	Nguanhom et al. (2015)
Mycosphaerellaceae	Cercospora	<b>Cercospora areacearum</b>	<i>Areca</i> sp.	Phengsintham et al. (2013)
			On <i>Areca catechu</i> , Arecaceae	Braun et al. (2014)
			On leaf spots of <i>Areca catechu</i>	To-Anun et al. (2009, 2011)
Mycosphaerellaceae	Cercospora	<b>Cercospora artemisiae</b>	On leaves of <i>Artemisia indica</i>	To-Anun et al. (2011)
Mycosphaerellaceae	Cercospora	<b>Cercospora asparagi</b>	Asparagaceae sp.	Braun et al. (2014)

**Table 1** Continued.

<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>Host</b>	<b>References</b>
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora balsaminiana</i></b>	On leaves of <i>Impatiens balsamina</i> , On leaves of <i>Impatiens walleriana</i>	To-Anun et al. (2011), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora barleriicola</i>	On leaves of <i>Barleria cristata</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
			<i>Acanthaceae</i> sp.	Braun et al. (2015b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora barretoana</i>	<i>Poaceae</i> sp.	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora basellae-albae</i>	On leaves of <i>Basella rubra</i>	Phengsintham et al. (2013)
			On leaves of <i>Basella alba</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora begoniae</i>	<i>Begonia inflata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora beticola</i></b>	<i>Beta vulgaris</i> ( <i>Chenopodiaceae</i> ), <i>Apium graveolens</i> ( <i>Apiaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora bidentis</i></b>	On leaves of <i>Bidens pilosa</i>	Nakashima et al. (2007), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora brassicicola</i></b>	On leaves of <i>Brassica campestris</i> , On leaves of <i>Brassica rapa</i>	Meeboon et al. (2007b)
			On leaves of <i>Brassica pekinensis</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
			<i>Brassica integrifolia</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora broussonetiae</i></b>	<i>Broussonetia papyrifera</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora buteae</i>	<i>Butea monosperma</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora canescens</i></b>	On leaves of <i>Vigna radiata</i>	Meeboon et al. (2007b)
			On leaves of <i>Celosia argentea</i>	To-Anun et al. (2011)
			<i>Lablab purpureus</i> subsp. <i>bengalensis</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora capsici</i></b>	<i>Capsicum frutescens</i> ( <i>Solanaceae</i> ), <i>Capsicum annuum</i> var. <i>acuminatum</i> ( <i>Solanaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora capsicigena</i></b>	On leaves of <i>Capsicum annuum</i>	Meeboon et al. (2007b), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora celosiae</i></b>	On leaves of <i>Celosia argentea</i>	Meeboon et al. (2007b), To-Anun et al. (2011)

**Table 1** Continued.

Family	Genus	Species	Host	References
			<i>Amaranthaceae</i> sp.	Braun et al. (2015b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora chrysanthemi</i></b>	On leaves of <i>Chrysanthemum</i> sp.	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora</i> cf. <i>citrulina</i></b>	<i>Cyathula prostrata</i> ( <i>Amaranthaceae</i> ), <i>Coccinia grandis</i> ( <i>Cucurbitaceae</i> ), <i>Momordica charantia</i> ( <i>Cucurbitaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora citrullina</i></b>	On leaves of <i>Coccinia grandis</i>	Meeboon et al. (2007b)
			On leaves of <i>Ipomoea nil</i> , On leaves of <i>Sechium edule</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora cocciniae</i></b>	<i>Coccinia grandis</i>	Phengsintham et al. (2013)
			On leaves of <i>Coccinia grandis</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora codiae</i></b>	On leaves of <i>Cordiaum variegatum</i>	To-Anun et al. (2011), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora coffeicola</i></b>	On leaves of <i>Coffea arabica</i>	To-Anun et al. (2011), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora crotalariae</i>	<i>Crotalaria uncinella</i> subsp. <i>elliptica</i>	Phengsintham et al. (2013)
			On leaves of <i>Crotalaria montana</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora cyclosori</i>	On leaves of <i>Pteris biaurita</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora cynarae</i>	On leaves of <i>Cynara scolymus</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora cyperacearum</i></b>	<i>Solanum mammosum</i> ( <i>Solanaceae</i> ), <i>Cyperus alternifolius</i> ( <i>Cyperaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora cyperina</i></b>	<i>Cyperus alternifolius</i> ( <i>Cyperaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora dahliicola</i>	On leaves of <i>Dahlia</i> sp.	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora diplaziicola</i>	<i>Diplazium esculentum</i>	Braun et al. (2013), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora duddae</i>	On <i>Allium</i> species and <i>Amaryllidaceae</i>	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora duranticola</i></b>	<i>Duranta repens</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora elasticae</i>	On leaves of <i>Ficus carica</i>	To-Anun et al. (2011)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora eleusines</i>	On leaves of <i>Eleusine coracana</i> , Poaceae (Chloridoideae, Eragrostideae)	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora erechitidis</i>	<i>Erechtites valerianifolius</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora erythrinicola</i>	On leaves of <i>Erythrina</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora eupatorii</i></b>	On leaves of <i>Eupatorium odoratum</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora ficina</i>	On leaves of <i>Ficus religiosa</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora fukushiana</i></b>	On leaves of <i>Impatiens balsamina</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora fusimaculans</i></b>	<i>Zea mays</i> , Poaceae	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora gerberae</i></b>	On leaves of <i>Gerbera jamesonii</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora glycinicola</i></b>	<i>Glycine max</i> (Fabaceae)	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora gossypina</i>	<i>Gossypium herbaceum</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora habenariicola</i>	On leaves of <i>Habenaria susanna</i>	Meeboon et al. (2007a), To-Anun et al. (2011), Braun et al. (2014)
			On <i>Habenaria susanna</i> , Orchidaceae	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora helianthicola</i></b>	On leaves of <i>Helianthus annuus</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora houttuyniicola</i>	On leaves of <i>Houttuynia cordata</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora hydrangeae</i></b>	On leaves of <i>Hydrangea macrophylla</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora ipomoeae</i></b>	On leaves of <i>Argyrea henryi</i>	Meeboon et al. (2007b)
			<i>Ipomoea involucrata</i>	Phengsintham et al. (2013)
			On leaves of <i>Ipomoea aquatica</i>	To-Anun et al. (2011), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora janseana</i></b>	Poaceae (Ehrhartoideae, Oryzaceae)	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora kabatiana</i>	On leaves of <i>Solenostemon scutellarioides</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora kikuchii</i></b>	On leaves of <i>Glycine max</i>	Meeboon et al. (2007b), To-Anun et al. (2011)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora lactucae-sativae</i></b>	On leaves of <i>Lactuca sativa</i>	Meeboon et al. (2007b), To-Anun et al. (2011), Nguanhom et al. (2015)
			<i>Lactuca sativa</i> var. <i>longifolia</i> (Asteraceae)	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora lantanae-indicae</i>	On leaves of <i>Lantana camara</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora longipes</i>	<i>Poaceae</i> ( <i>Panicoideae</i> , <i>Andropogoneae</i> )	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora malloti</i></b>	<i>Mallotus repandus</i>	Phengsintham et al. (2013)
		<b><i>Cercospora</i> cf. <i>malloti</i></b>	<i>Abelmoschus esculentus</i> ( <i>Malvaceae</i> ), <i>Asystasia salicifolia</i> ( <i>Acanthaceae</i> ), <i>Brassica alboglabra</i> ( <i>Brassicaceae</i> ), <i>Codiaeum variegatum</i> ( <i>Euphorbiaceae</i> ), <i>Eupatorium odoratum</i> ( <i>Asteraceae</i> ), <i>Jatropha integerrima</i> ( <i>Euphorbiaceae</i> ), <i>Melampodium divaricatum</i> ( <i>Asteraceae</i> ), <i>Musa sapientum</i> ( <i>Musaceae</i> ), <i>Nicotiana tabacum</i> ( <i>Solanaceae</i> ), <i>Phlox drummondii</i> ( <i>Polemoniaceae</i> ), <i>Physalis peruviana</i> ( <i>Solanaceae</i> ), <i>Plantago major</i> ( <i>Plantaginaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora</i> cf. <i>mikaniicola</i></b>	<i>Mikania cordata</i> ( <i>Asteraceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora morina</i></b>	On leaves of <i>Morus alba</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora musigena</i></b>	<i>Musa</i> sp. ( <i>Musaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora neobougainvilleae</i>	On leaves of <i>Bougainvillea spectabilis</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora nicotianae</i></b>	<i>Nicotiana tabacum</i> ( <i>Solanaceae</i> ), <i>Houttuynia cordata</i> ( <i>Saururaceae</i> ), <i>Nicotiana tabacum</i> ( <i>Solanaceae</i> ), <i>Petunia hybrida</i> ( <i>Solanaceae</i> )	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora nilghirensis</i>	<i>Conyza bonariensis</i>	Phengsintham et al. (2013)
			On leaves of <i>Conyza sumatrensis</i>	To-Anun et al. (2011)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora operculinae</i>	On leaves of <i>Operculina turpethum</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora oxalidis</i>	On leaves of <i>Oxalis debilis</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora papayae</i>	On leaves of <i>Carica papaya</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora passifloricola</i>	<i>Passiflora foetida</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora peregrina</i>	On leaves of <i>Pentalinon luteum</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora phyllanthicola</i>	On leaves of <i>Phyllanthus</i> sp.	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora physalidis</i></b>	On leaves of <i>Capsicum frutescens</i> (Bird Chili)	Nakashima et al. (2007), To-Anun et al. (2011)
			<i>Physalis angulata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora physostegiae</i>	On leaves of <i>Clerodendrum paniculatum</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora pisoneae</i>	On leaves of <i>Pisonia grandis</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora platycerii</i>	On leaves of <i>Platycerium bifurcatum</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora puyana</i>	On leaves of <i>Solanum indicum</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora richardiicola</i></b>	On leaves of <i>Zantedeschia</i> sp. ( <i>Araceae</i> )	Nakashima et al. (2007)
			<i>Araceae</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora ricinella</i></b>	On leaves of <i>Ricinus communis</i>	Meeboon et al. (2007b), To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora scharifii</i>	On leaves of <i>Rosa hybrida</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora senecionis-walkeri</i></b>	<i>Senecio walkeri</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora sidicola</i></b>	<i>Sida mysorensis</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora solanacea</i>	On leaves of <i>Solanum torvum</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora sonchi</i>	<i>Taraxacum officinale</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora sorghi</i></b>	On <i>Sorghum</i> , Poaceae	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora tageteae</i></b>	<i>Tagetes patula</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora talini</i>	On leaves of <i>Talinum triangulare</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora tectonae</i>	On leaves of <i>Tectona grandis</i>	Meeboon et al. (2007b), To-Anun et al. (2011)



**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora tridaxis-procumbentis</i>	On leaves of <i>Tridax procumbens</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora verniciferae</i>	<i>Spondias pinnata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<i>Cercospora volkameriae</i>	On leaves of <i>Clerodendrum fragrans</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora</i> cf. <i>zinniae</i></b>	<i>Zinnia elegans</i> (Asteraceae)	Nguanhom et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora zinniicola</i></b>	On leaves of <i>Zinnia elegans</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Cercospora</i>	<b><i>Cercospora zinniae</i></b>	<i>Zinnia elegans</i>	Phengsintham et al. (2013)
			On leaves of <i>Zinnia grandiflora</i>	To-Anun et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Dissoconium</i>	<b><i>Dissoconium dekkeri</i></b>	<i>Eucalyptus camaldulensis</i>	Crous et al. (2009c)
			<i>Eucalyptus camaldulensis</i>	Quaedvlieg et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Clypeosphaerella quasiparkii</i></b>	On leaves of <i>Eucalyptus</i> sp.	Guatimosim et al. (2016), Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella heimii</i></b>	<i>Eucalyptus</i> sp.	Sultan et al. (2011)
			On leaves of <i>Eucalyptus camaldulensis</i>	Crous et al. (2007)
			<i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella irregulari</i></b>	<i>Eucalyptus</i> sp.	Hunter et al. (2011)
			On living leaves of <i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella konae</i></b>	On leaves of <i>Eucalyptus camaldulensis</i>	Crous et al. (2007), Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella pseudomarksii</i></b>	On living leaves of <i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008), Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella quasiparkii</i></b>	<i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008), Hunter et al. (2011)
			On leaves of <i>Eucalyptus camaldulensis</i> , <i>Eucalyptus</i> sp.	Crous et al. (2007), Cheewangkoon et al. (2008)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella thailandica</i></b>	<i>Acacia mangium</i>	Crous et al. (2007)
			<i>Eucalyptus camaldulensis</i> , <i>Eucalyptus</i> sp.	Crous et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Mycosphaerella</i>	<b><i>Mycosphaerella vietnamensis</i></b>	<i>Eucalyptus camaldulensis</i> , <i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008)
<i>Mycosphaerellaceae</i>	<i>Neoceratosperma</i>	<b><i>Neoceratosperma eucalypti</i></b>	<i>Eucalyptus</i> sp.	Guatimosim et al. (2016), Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Pallidocercospora</i>	<b><i>Pallidocercospora ventilago</i></b>	On leaves of <i>Ventilago denticulata</i> (Rhamnaceae)	Crous et al. (2013)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Paramycosphaerella</i>	<b><i>Paramycosphaerella irregularis</i></b>	On leaves of <i>Eucalyptus globulus</i>	Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Paramycosphaerella</i>	<b><i>Paramycosphaerella pseudomarksii</i></b>	On leaves of <i>Eucalyptus</i> sp.	Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Parapallidocercospora</i>	<b><i>Parapallidocercospora thailandica</i></b>	<i>Eucalyptus calmadulensis</i>	Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora aenea</i>	On leaves of <i>Cassia agnes</i>	Meeboon et al. (2007b)
			<i>Senna siamea</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora agrostidicola</i>	On leaves of <i>Agrostis</i> sp., <i>Poaceae</i> ( <i>Pooideae</i> , <i>Aveneae</i> )	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora arachidicola</i></b>	On leaves of <i>Arachis hypogaea</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora assamensis</i>	On leaves of <i>Eupatorium adenophorum</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora atrides</i>	On leaves of <i>Bridelia ovata</i> ,	Meeboon et al. (2007a)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora barleriigena</i>	On <i>Barleria lupulina</i> , <i>Acanthaceae</i>	Braun et al. (2015b)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora barretoana</i>	<i>Echinochloa (esculenta, polystachya)</i> , <i>Hymenachne amplexicaulis</i> , <i>Panicum (boreale, Panicum sp.)</i> , <i>Poaceae (Panicoideae, Paniceae)</i>	Braun et al. (2015a)
			<i>Echinochloa esculenta</i> and <i>Panicum</i> sp.	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora bougainvilleae</i></b>	On leaves of <i>Bougainvillea spectabilis</i>	Nakashima et al. (2007), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora broussonetiae</i>	<i>Broussonetia papyrifera</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora centrosematis</i>	On leaves of <i>Centrosema pubescens</i>	Meeboon et al. (2007a)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora fusimaculans</i></b>	<i>Agrostis</i> sp.	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora gmeliniicola</i>	On leaves of <i>Gmelina arborea</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora graminis</i></b>	<i>Zea mays</i> , <i>Poaceae</i>	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora haldiniae</i></b>	On leaves of <i>Haldina cordifolia</i>	Nakashima et al. (2007), Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<b><i>Passalora henningsii</i></b>	On leaves of <i>Manihot esculenta</i>	Meeboon et al. (2007b), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora koepkei</i>	On <i>Miscanthus (floridulus [japonicus], sinensis)</i> , <i>Saccharum (officinatum, robustum)</i>	Braun et al. (2015a)

**Table 1** Continued.

Family	Genus	Species	Host	References
			[ <i>edule</i> ], <i>spontaneum</i> ), <i>Sorghum bicolor</i> , <i>Poaceae</i> ( <i>Panicoideae</i> , <i>Andropogoneae</i> )	
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora mucunicola</i>	On leaves of <i>Mucuna bracteata</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora natrassii</i>	On leaves of <i>Solanum trilobatum</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora perfoliati</i>	<i>Chromolaena</i> sp.	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora pseudotithoniae</i>	On leaves of <i>Tithonia diversifolia</i> ( <i>Asteraceae</i> )	Crous et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora tithoniae</i>	On leaves of <i>Tithonia diversifolia</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Passalora</i>	<i>Passalora vaginae</i>	On <i>Saccharum officinarum</i> , <i>Saccharum spontaneum</i> , <i>Poaceae</i> ( <i>Panicoideae</i> , <i>Anthropogoneae</i> )	Braun et al. (2015a)
<i>Mycosphaerellaceae</i>	<i>Phaeophleospora</i>	<i>Phaeophleospora basiramifera</i>	<i>Eucalyptus pellita</i>	Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Phaeophleospora</i>	<i>Phaeophleospora destructans</i>	<i>Eucalyptus camaldulensis</i>	Old et al. (2003)
<i>Mycosphaerellaceae</i>	<i>Phaeophleospora</i>	<i>Phaeophleospora epicoccoides</i>	<i>Eucalyptus camaldulensis</i>	Old et al. (2003)
<i>Mycosphaerellaceae</i>	<i>Phaeophleospora</i>	<i>Phaeophleospora hymenocallidicola</i>	Unknown fern	Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Phaeophleospora</i>	<i>Phaeophleospora hymenocallidis</i>	Unknown fern	Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora abelmoschi</i>	On leaves of <i>Hibiscus</i> sp.	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora angolensis</i>	On leaves of <i>Citrus reticulata</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora atromarginalis</i>	<i>Lycianthes biflora</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora balsaminae</i>	<i>Impatiens balsamina</i>	Phengsintham et al. (2010), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora basiramifera</i>	<i>Eucalyptus camaldulensis</i> , <i>Eucalyptus pellita</i>	Hunter et al. (2011) Hunter et al. (2006), Guatimosim et al. (2016)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora bauhiniae</i>	On leaves of <i>Bauhinia racemosa</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora biophyti</i>	On leaves of <i>Oxalis debilis</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora bishofiae</i>	<i>Bischofia javanica</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora buddleiae</i>	On leaves of <i>Buddleja asiatica</i>	Nakashima et al. (2007)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora carbonacea</i></b>	On leaves of <i>Dioscorea bulbifera</i>	Meeboon et al. (2007b), Phengsintham et al. (2013)
			On leaves of <i>Dioscorea glabra</i>	Nakashima et al. (2007)
			<i>Dioscoreaceae</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora catappae</i></b>	<i>Terminalia alata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora centrosematicola</i>	<i>Centrosema</i> sp.	Phengsintham et al. (2013)
			On leaves of <i>Centrosema pubescens</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora chiangmaiensis</i></b>	On leaves of <i>Eucalyptus camaldulensis</i>	Cheewangkoon et al. (2008), Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora christellae</i></b>	On leaves of <i>Christella parasitica</i>	Phengsintham et al. (2010), Phengsintham et al. (2013), Braun et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora combretina</i>	On leaves of <i>Combretum procursum</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora consociata</i>	<i>Acanthaceae</i> sp.	Braun et al. (2015b)
			<i>Justicia gendarussa</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora contraria</i></b>	On <i>Dioscorea</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora cosmicola</i>	On leaves of <i>Cosmos sulphureus</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora cotizensis</i>	<i>Crotalaria uncinella</i> subsp. <i>elliptica</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora cratevae</i>	<i>Crateva religiosa</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora cruenta</i></b>	On leaves of <i>Pueraria phaseoloides</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora cupheae</i>	On leaves of <i>Cuphea hyssopifolia</i>	Meeboon et al. (2007a)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora cycleae</i>	<i>Cyclea peltata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora dalbergiae</i>	On leaves of <i>Dalbergia cultrata</i>	Meeboon et al. (2007b)
			On leaves of <i>Dalbergia stipulacea</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora daturina</i>	On leaves of <i>Datura alba</i>	Phengsintham et al. (2012)
			On Leaves of <i>Brugmansia candida</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora dovalidis</i></b>	On leaves of <i>Flacourtia jangomas</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora duabangae</i></b>	<i>Duabanga grandiflora</i>	Phengsintham et al. (2013)

**Table 1** Continued.

<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>Host</b>	<b>References</b>
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora egenula</i>	On leaves of <i>Solanum xanthocarpum</i>	Phengsintham et al. (2012)
			On leaves of <i>Brugmansia candida</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora eumusae</i>	On <i>Musa</i> sp., <i>Musaceae</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora eupatorii-formosani</i>	<i>Chromolaena odorata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora euphorbie-pubescentis</i>	On leaves of <i>Euphorbia milii</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora fici</i>	On leaves of <i>Ficus rumphii</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora fijiensis</i>	On <i>Musa</i> sp., <i>Musaceae</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora flavomarginata</i>	On leaves of <i>Eucalyptus camaldulensis</i>	Hunter et al. (2011), Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora fuligena</i>	<i>Lycopersicum</i> sp.	Crous et al. (2009b)
			<i>Lycopersicon</i> sp.	Guatimosim et al. (2016)
			<i>Lycopersicon esculentum</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora gardeniae</i>	On leaves of <i>Gardenia jasminoides</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora getoniae</i>	<i>Getonia floribunda</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora glochidionis</i>	On leaves of <i>Glochidion sphaerogynum</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora glycinicola</i>	On leaves of <i>Glycine max</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora griseola</i>	On leaves of <i>Phaseolus vulgaris</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora heimii</i>	<i>Eucalyptus camaldulensis</i> , <i>Eucalyptus dunnii</i> , <i>Eucalyptus obliqua</i> , <i>Eucalyptus platyphylla</i> , <i>Eucalyptus urophylla</i> ( <i>Eucalyptus</i> sp.)	Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora holmskioldiae</i>	On leaves of <i>Holmskioldia sanguinea</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora houttuyniae</i>	On diseased leaves of <i>Houttuynia cordata</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora jahnii</i>	<i>Tabebuia chrysotricha</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora jatrophae</i>	On leaves of <i>Jatropha curcas</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora jussiaeae</i>	<i>Ludwigia prostrata</i>	Phengsintham et al. (2013)

**Table 1** Continued.

<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>Host</b>	<b>References</b>
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora justiciae</i></b>	On leaves of <i>Justicia betonica</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora kopsii</i>	On leaves of <i>Kopsia fruticosa</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora liquidambaricola</i>	On leaves of <i>Liquidambar formosana</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora liquidam</i>	On leaves of <i>Liquidambar formosana</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora lygodii</i></b>	<i>Lygodium flesuoxum</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora lythracearum</i></b>	<i>Lagerstroemia macrocarpa</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora mallotica</i></b>	<i>Mallotus barbatus</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora marsdeniae</i>	On leaves of <i>Dregea volubilis</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora melanolepidis</i>	On leaves of <i>Mallotus pierrei</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora mitracarpi</i>	On leaves of <i>Mitracarpus villosus</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora mombin</i></b>	<i>Spondias pinnata</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora mori</i></b>	<i>Molus alba</i>	Phengsintham et al. (2013), Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora musae</i></b>	<i>Musa paradisiaca</i>	Phengsintham et al. (2013)
			<i>Musaceae</i> sp.	Braun et al. (2014)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora nephrolepidigena</i>	On <i>Nephrolepis biserrata</i>	Braun et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora ocellata</i>	On leaves of <i>Camellia sinensis</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora oroxyli</i></b>	On leaves of <i>Oroxylum indicum</i>	Meeboon et al. (2007b), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora paederiae</i></b>	<i>Paederia tomentosa</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora panacis</i>	<i>Polyscias balfouriana</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora paraguayensis</i></b>	On leaves of <i>Eucalyptus</i> sp.	Meeboon et al. (2007b), Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora pericampylis</i>	On leaves of <i>Pericampylus glaucus</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora phyllitidis</i>	On leaves of <i>Nephrolepis cordifolia</i>	Meeboon et al. (2007b)
			On leaves of <i>Nephrolepis biserrata</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora prunicola</i></b>	On leaves of <i>Prunus persica</i>	Phengsintham et al. (2012)

**Table 1** Continued.

<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>Host</b>	<b>References</b>
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora puderi</i>	<i>Rosa chinensis</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora puerariicola</i>	<i>Pueraria phaseoloides</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora punicae</i>	<i>Punica granatum</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora radermachericola</i>	<i>Radermachera ignea</i>	Phengsintham et al. (2013), Phengsintham et al. (2010)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora repens</i>	On leaves of <i>Nerium oleander</i>	Phengsintham et al. (2012)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora rhinacanthi</i>	On leaves of <i>Rhinacanthus nasutus</i>	Meeboon et al. (2007b)
			<i>Acanthaceae</i> sp.	Braun et al. (2015b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora riachueli</i> var. <i>horiana</i>	<i>Vitis venifera</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora rubi</i>	On leaves of <i>Rubus blepharoneurus</i>	Wongsopa & Cheewangkoon (2015)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora schizolobii</i>	<i>Eucalyptus camaldulensis</i>	Crous et al. (2009c), Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora scopariicola</i>	<i>Scoparia dulcis</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora solani-melongenicola</i>	On leaves of <i>Solanum melongena</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora sphaerellae-eugeniae</i>	<i>Syzygium cuminii</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora stahlia</i>	<i>Passiflora foetida</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora stizolobii</i>	On leaves of <i>Mucuna bracteata</i>	Nakashima et al. (2007)
			<i>Mucuna pruriens</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora subsessilis</i>	On leaves of <i>Melia azedarach</i>	Meeboon et al. (2007b)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora tecomae-heterophyllae</i>	On diseased leaves of <i>Tecoma stans</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora thailandica</i>	On <i>Acacia mangium</i> , <i>Fabaceae</i> , and <i>Musa</i> sp., <i>Musaceae</i> sp.	Braun et al. (2014)
			<i>Eucalyptus camaldulensis</i>	Hunter et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora timorensis</i>	<i>Operculina</i> sp.	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora tremicola</i>	<i>Trema orientalis</i>	Phengsintham et al. (2013)

**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora trichophila</i> var. <i>punctata</i>	<i>Solanum undatum</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<b><i>Pseudocercospora viticicola</i></b>	On leaves of <i>Vitex quinata</i>	Nakashima et al. (2007)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora wrightiae</i>	<i>Wrightia pubescens</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Pseudocercospora</i>	<i>Pseudocercospora olacicola</i>	<i>Olax scandens</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Ragnhildiana</i>	<b><i>Ragnhildiana pseudotithoniae</i></b>	<i>Tithonia diversifolia</i>	Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Sphaerulina</i>	<b><i>Sphaerulina rhododendricola</i></b>	On leaves of <i>Rhododendron</i> sp. ( <i>Ericaceae</i> )	Crous et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Virosphaerella</i>	<b><i>Virosphaerella irregularis</i></b>	<i>Eucalyptus</i> sp.	Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Virosphaerella</i>	<b><i>Virosphaerella pseudomarksii</i></b>	<i>Eucalyptus</i> sp.	Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<b><i>Zasmidium anthuriicola</i></b>	<i>Anthurium</i> sp.	Crous et al. (2009b), Quaedvlieg et al. (2011), Braun et al. (2014), Videira et al. (2017)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<i>Zasmidium cassicola</i>	<i>Cassia fistula</i>	Phengsintham et al. (2013)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<b><i>Zasmidium citri</i></b>	<i>Acacia mangium</i>	Crous et al. (2009b), Guatimosim et al. (2016)
			<i>Eucalyptus</i> sp.	Crous et al. (2009c)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<b><i>Zasmidium citri-grisea</i></b>	<i>Eucalyptus</i> sp.	Quaedvlieg et al. (2011)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<b><i>Zasmidium citri-griseum</i></b>	<i>Eucalyptus</i> sp.	Videira et al. (2017)
			<i>Fortunella</i> sp., <i>Murraya paniculata</i> , <i>Rutaceae</i> ; <i>Musa</i> sp., <i>Musaceae</i> sp.	Braun et al. (2014)
			<i>Acacia mangium</i> , <i>Eucalyptus</i> sp.	Huang et al. (2015)
<i>Mycosphaerellaceae</i>	<i>Zasmidium</i>	<b><i>Zasmidium suregadae</i></b>	<i>Suregada multiflora</i>	Phengsintham et al. (2013)
<i>Phaeothecoidiaceae</i>	<i>Chaetothyria</i>	<b><i>Chaetothyria guttulata</i></b>	On branches of <i>Mangifera indica</i>	Hongsanan et al. (2017)
<i>Phaeothecoidiaceae</i>	<i>Chaetothyria</i>	<b><i>Chaetothyria musarum</i></b>	On fruit of <i>Musa</i> sp.	Singtripop et al. (2016)
<i>Phaeothecoidiaceae</i>	<i>Chaetothyria</i>	<b><i>Chaetothyria mangiferae</i></b>	On living fruit of <i>Mangifera indica</i>	Singtripop et al. (2016)
<i>Phaeothecoidiaceae</i>	<i>Stomiopeltis</i>	<b><i>Stomiopeltis phyllanthi</i></b>	On decaying fruit pericarp of <i>Phyllanthus emblica</i>	Jayasiri et al. (2019)
<i>Phaeothecoidiaceae</i>	<i>Translucidithyrium</i>	<b><i>Translucidithyrium thailandicum</i></b>	On living leaves of <i>Syzygium levinei</i>	Zeng et al. (2018)



**Table 1** Continued.

Family	Genus	Species	Host	References
<i>Teratosphaeriaceae</i>	<i>Hortaea</i>	<i>Hortaea thailandica</i>	<i>Syzygium siamense</i>	Crous et al. (2009c)
<i>Teratosphaeriaceae</i>	<i>Penidiella</i>	<i>Penidiella eucalypti</i>	<i>Eucalyptus camaldulensis</i>	Hunter et al. (2011)
			On leaves of <i>Eucalyptus camaldulensis</i> , <i>Eucalyptus</i> sp.	Cheewangkoon et al. (2008)
<i>Teratosphaeriaceae</i>	<i>Stenella</i>	<i>Stenella anthuriicola</i>	On <i>Anthurium</i> sp. ( <i>Araceae</i> )	Braun et al. (2006)
			<i>Anthurium</i> leaf	Crous et al. (2009a)
<i>Teratosphaeriaceae</i>	<i>Teratosphaeria</i>	<i>Teratosphaeria destructans</i>	<i>Eucalyptus camaldulensis</i>	Andjic et al. (2016)
<i>Teratosphaeriaceae</i>	<i>Teratosphaeria</i>	<i>Teratosphaeria nubilosa</i>	<i>Acacia auriculiformis</i>	Crous et al. (2009c)

## Conclusion

This checklist included 272 fungi species of order *Capnodiales*, which belongs to five families, i.e., *Capnodiaceae*, *Cladosporiaceae*, *Mycosphaerellaceae*, *Phaeothecoidiellaceae* and *Teratosphaeriaceae* and 29 genera according to the information from the SMML database and related research papers. According to this checklist, 11 species in 5 genera of family *Capnodiaceae*, 8 species in 1 genus of family *Cladosporiaceae*, 243 species in 16 genera of family *Mycosphaerellaceae*, 5 species in 3 genera of family *Phaeothecoidiellaceae* and 5 species in 4 genera of family *Teratosphaeriaceae* are recorded in Thailand. *Mycosphaerellaceae* is the most abundant family and *Cercospora* and *Pseudocercospora* are the most abundant genera. Most of the *Capnodiales* species in Thailand are recorded on host plant leaves. *Capnodiales* species are abundant on *Acacia* species and *Eucalyptus* species in Thailand. Although, *Capnodiales* species consist of 15 families, when considering this study, less amount of *Capnodiales* families are recorded in Thailand. Therefore, further studies are needed on this order in Thailand.

## Acknowledgements

The authors would like to thank the National Research Council of Thailand grant, Taxonomy, Diversity, Phylogeny and Evolution of fungi in *Capnodiales* (Grant no: 61215320024).

## References

- Andjic V, Maxwell A, Hardy GE, Burgess TI. 2016 – New cryptic species of *Teratosphaeria* on *Eucalyptus* in Australia. *IMA fungus* 7, 253–263.
- Bensch K, Braun U, Groenewald JZ, Crous PW. 2012 – The genus *cladosporium*. *Studies in mycology* 72, 1–401.
- Bensch K, Groenewald J, Braun U, Dijksterhuis J et al. 2015 – Common but different: The expanding realm of *Cladosporium*. *Studies in Mycology* 82, 23–74.
- Bensch K, Groenewald JZ, Dijksterhuis J, Starink-Willemse M et al. 2010 – Species and ecological diversity within the *Cladosporium cladosporioides* complex (*Davidiellaceae*, *Capnodiales*). *Studies in Mycology* 67, 1–94.
- Braun U, Crous PW, Nakashima C. 2014 – *Cercosporoid* fungi (*Mycosphaerellaceae*) 2. species on monocots (*Acoraceae* to *Xyridaceae*, excluding *Poaceae*). *IMA fungus* 5, 203–390.
- Braun U, Crous PW, Nakashima C. 2015a – *Cercosporoid* fungi (*Mycosphaerellaceae*) 3. Species on monocots (*Poaceae*, true grasses). *IMA fungus* 6, 25–97.
- Braun U, Crous PW, Nakashima C. 2015b – *Cercosporoid* fungi (*Mycosphaerellaceae*) 4. Species on dicots (*Acanthaceae* to *Amaranthaceae*). *IMA fungus* 6, 373–469.

- Braun U, Hill CF, Schubert K. 2006 – New species and new records of biotrophic micromycetes from Australia, Fiji, New Zealand and Thailand. *Fungal Diversity* 22, 13–35.
- Braun U, Nakashima C, Crous PW. 2013 – Cercosporoid fungi (*Mycosphaerellaceae*) 1. Species on other fungi, *Pteridophyta* and *Gymnospermae*. *IMA fungus* 4, 265–345.
- Cheewangkoon R, Crous PW, Hyde KD, Groenewald JZ, To-Anan C. 2008 – Species of *Mycosphaerella* and related anamorphs on *Eucalyptus* leaves from Thailand. *Persoonia: Molecular Phylogeny and Evolution of Fungi* 21, 77–91.
- Chomnunti P, Hongsanan S, Aguirre-Hudson B, Tian Q et al. 2014 – The sooty moulds. *Fungal Diversity* 66, 1–36.
- Chomnunti P, Schoch CL, Aguirre-Hudson B, Ko-Ko TW et al. 2011 – *Capnodiaceae*. *Fungal Diversity* 51, 103–134.
- Crous PW, Braun U, Wingfield MJ, Wood A et al. 2009a – Phylogeny and taxonomy of obscure genera of microfungi. *Persoonia* 22, 139–161.
- Crous PW, Schoch CL, Hyde KD, Wood AR et al. 2009b – Phylogenetic lineages in the Capnodiales. *Studies in mycology* 64, 17–47.
- Crous PW, Summerell BA, Carnegie AJ, Wingfield MJ, Groenewald JZ. 2009c – Novel species of *Mycosphaerellaceae* and *Teratosphaeriaceae*. *Persoonia* 23, 119–146.
- Crous PW, Summerell BA, Carnegie AJ, Mohammed C et al. 2007 – Foliicolous *Mycosphaerella* spp. and their anamorphs on *Corymbia* and *Eucalyptus*. *Fungal Diversity* 26, 143–185.
- Crous PW, Wingfield MJ, Guarro J, Cheewangkoon R et al. 2013 – Fungal Planet description sheets: 154–213. *Persoonia: Molecular Phylogeny and Evolution of Fungi* 31, 188–296.
- Farr DF, Rossman AY. 2019 – Fungal Databases, U.S. National Fungus Collections, ARS, USDA. Retrieved July 24, 2019. <https://nt.ars-grin.gov/fungaldatabases/> (accessed 09 January 2019).
- Guatimosim E, Schwartsburd P, Barreto RW, Crous PW. 2016 – Novel fungi from an ancient niche: cercosporoid and related sexual morphs on ferns. *Persoonia: Molecular Phylogeny and Evolution of Fungi* 37, 106–141.
- Hongsanan S, Hyde KD, Bahkali AH, Camporesi E et al. 2015a – Fungal biodiversity profiles 11–20. *Cryptogamie, mycologie* 36, 355–380.
- Hongsanan S, Tian Q, Hyde KD, Chomnunti P. 2015b – Two new species of sooty moulds, *Capnodium coffeicola* and *Conidiocarpus plumeriae* in Capnodiaceae. *Mycosphere* 6, 814–824.
- Hongsanan S, Zhao RL, Hyde KD. 2017 – A new species of *Chaetothyria* on branches of mango, and introducing Phaeothecoidiaceae fam. nov. *Mycosphere* 8, 137–146.
- Huang F, Groenewald J, Zhu L, Crous PW, Li H. 2015 – Cercosporoid diseases of Citrus. *Mycologia* 107, 1151–1171.
- Hughes SJ. 1976 – Sooty moulds. *Mycologia* 68, 693–820.
- Hunter GC, Crous PW, Carnegie AJ, Burgess TI, Wingfield MJ. 2011 – *Mycosphaerella* and *Teratosphaeria* diseases of *Eucalyptus*; easily confused and with serious consequences. *Fungal Diversity* 50, 145–166.
- Hunter GC, Wingfield BD, Crous PW, Wingfield MJ. 2006 – A multi-gene phylogeny for species of *Mycosphaerella* occurring on *Eucalyptus* leaves. *Studies in Mycology* 55, 147–161.
- Hyde KD, Jones EG, Liu JK, Ariyawansa H et al. 2013 – Families of dothideomycetes. *Fungal diversity* 63, 1–313.
- Hyde KD, Norphanphoun C, Chen J, Dissanayake AJ et al. 2018 – Thailand’s amazing diversity: up to 96% of fungi in northern Thailand may be novel. *Fungal diversity* 93, 215–239.
- Jayasiri SC, Hyde KD, Jones EBG, McKenzie EHC et al. 2019 – Diversity, morphology and molecular phylogeny of Dothideomycetes on decaying wild seed pods and fruits. *Mycosphere* 10, 1–186.
- Jones EBG, Hyde KD. 2004 – Introduction to Thai fungal diversity. In: *Thai Fungal Diversity* (eds. E.B.G. Jones, M. Tantichareon and K.D. Hyde). BIOTEC, Bangkok, Thailand 7–35.
- Liu JK, Hyde KD, Jones EG, Ariyawansa HA et al. 2015 – Fungal diversity notes 1–110: taxonomic and phylogenetic contributions to fungal species. *Fungal Diversity* 72, 1–197.

- Meeboon J, Hidayat I, Nakashima C, To-Anun C. 2007a – *Cercospora habenariicola* sp. nov. and some new records of cercosporoid fungi from Thailand. *Mycotaxon*, 99:117–122.
- Meeboon J, Hidayat I, To-Anun C. 2007b – An annotated list of cercosporoid fungi in Northern Thailand. *Journal of Agricultural Technology* 3, 51–63.
- Nakashima C, Motohashi K, Meeboon J, To-Anun C. 2007 – Studies on *Cercospora* and allied genera in northern Thailand. *Fungal Diversity* 26, 257–270.
- Nguanhom J, Cheewangkoon R, Groenewald JZ, Braun U et al. 2015 – Taxonomy and phylogeny of *Cercospora* spp. from Northern Thailand. *Phytotaxa* 233, 27–48.
- Old KM, Pongpanich K, Thu PQ, Wingfield MJ, Yuan ZQ. 2003 – *Phaeophleospora destructans* causing leaf blight epidemics in South East Asia. 8<sup>th</sup> International Congress of Plant Pathology 27, 165.
- Phengsintham P, Braun U, McKenzie EHC, Chukeatirote E et al. 2013 – Monograph of cercosporoid fungi from Thailand. *Plant Pathology & Quarantine* 3, 67–138.
- Phengsintham P, Chukeatirote E, McKenzie EHC, Moslem MA et al. 2010 – Two new species and a new record of cercosporoids from Thailand. *Mycosphere* 1, 205–212.
- Phengsintham P, Chukeatirote E, McKenzie EHC, Moslem MA et al. 2012 – Fourteen new records of cercosporoids from Thailand. *Maejo International Journal of Science and Technology* 6, 47–61.
- Quaedvlieg W, Kema G, Groenewald J, Verkley G et al. 2011 – *Zymoseptoria* gen. nov.: a new genus to accommodate *Septoria*-like species occurring on graminicolous hosts. *Persoonia* 26, 57–69.
- Rostrup E. 1902 – Fungi. In flora of Koh Chang. *Botanik Tidsskrift* 24:355–367 (<https://archive.org/details/cu31924010059867/page/n291>).
- Sakayaroj J, Preedanon S, Supaphon O, Jones EG, Phongpaichit S. 2010 – Phylogenetic diversity of endophyte assemblages associated with the tropical seagrass *Enhalus acoroides* in Thailand. *Fungal Diversity* 42, 27–45.
- Singtripop C, Hongsanun S, Li J, De Silva NI et al. 2016 – *Chaetothyria mangiferae* sp. nov., a new species of *Chaetothyria*. *Phytotaxa* 255, 21–33.
- Sultan A, Johnston P, Park D, Robertson A. 2011 – Two new pathogenic ascomycetes in *Guignardia* and *Rosenscheldiella* on New Zealand's pygmy mistletoes (*Korthalsella: Viscaceae*). *Studies in Mycology* 68, 237–247.
- To-Anun C, Hidayat I, Meeboon J. 2011 – Genus *Cercospora* in Thailand: taxonomy and phylogeny (with a dichotomous key to species). *Plant Pathology & Quarantine* 1, 11–87.
- To-Anun C, Nguenhom J, Meeboon J, Hidayat I. 2009 – Two fungi associated with necrotic leaflets of areca palms (*Areca catechu*). *Mycological progress* 8, 115–121.
- Videira S, Groenewald J, Nakashima C, Braun U et al. 2017 – *Mycosphaerellaceae*—Chaos or clarity? *Studies in Mycology* 87, 257–421.
- Wijayawardene NN, Hyde KD, Lumbsch HT, Liu JK et al. 2018 – Outline of Ascomycota: 2017. *Fungal Diversity* 88, 167–263.
- Wongsopa K, Cheewangkoon R. 2015 – Three New Species of Cercosporoid Fungi from Northern Thailand. *International Journal of Agricultural Technology* 11, 127–141.
- Woronichin NN. 1925 – Über die Capnodiales. *Annales Mycologici* 23, 174–178.
- Zeng XY, Hongsanan S, Hyde KD, Chomnunti P, Wen TC. 2018 – *Translucidithyrium thailandicum* gen. et sp. nov.: a new genus in *Phaeothecoidiaceae*. *Mycological Progress* 17, 1087–1096.