

Suppl. Data Table S2. Sequences used in ITS phylogeny, Suppl. Data Fig 2. Accepted family based on ITS and 15-gene analyses in this paper.

(1) Family from Baral (2016) unless otherwise stated

(2) Family from Index Fungorum where not treated by Baral (2016)

(3) ExType represents a type specimen; TypeSpecies a specimen that has been identified as the type species of the genus

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
NR_119482	<i>Acephala applanata</i>	CBS 109321	exTypeSpecimen	Mollisiaceae	Mollisiaceae	
Acema1	<i>Acephala macrosclerotiorum</i>	CBS 123555		Mollisiaceae	Mollisiaceae	ITS extracted from JGI genome
JX124323	<i>Acidea extrema</i>	MH-2012 strain 1180	exTypeSpecimen	Helotiales incertae sedis (2)	Discinella-Pezoloma lineage	
KF874619	<i>Acidomelania panicicola</i>	61R8	exTypeSpecimen	Mollisiaceae	Mollisiaceae	
AY204588	<i>Alatospora acuminata</i>	CCM F-12186	TypeSpecies	Leotiales (2)	Leotiales incertae sedis	neotype
DSM104360	<i>Alatospora acuminata</i>	DSM 104360	TypeSpecies	Leotiales (2)	Leotiales incertae sedis	GenBank AY204588
KT005452	<i>Albotricha acutipila</i>	D40d	Type Species	Lachnaceae	Lachnaceae	
AB481234	<i>Albotricha acutipila</i>	FC-2262, TNS-F-16740	TypeSpecies	Lachnaceae	Lachnaceae	
AB481235	<i>Albotricha albotestacea</i>	FC-2094, TNS-F-16497		Lachnaceae	Lachnaceae	
NR_157437	<i>Allantophomopsiella pseudotsugae</i>	CBS 320.53	exTypeSpecimen	Phacidiaaceae	Phacidiaaceae	
KJ663828	<i>Allantophomopsiella pseudotsugae</i>	CBS 562.63	TypeSpecies	Phacidiaaceae	Phacidiaaceae	
NR_132922	<i>Allantophomopsis lunata</i>	CBS 137781	exTypeSpecimen	Phacidiaaceae	Phacidiaaceae	epitype
KL391	<i>Ameghiniella australis</i>	FH 01146515	TypeSpecies	Cordieriticaeae	Cordieriticaeae	GenBank MH752070
JN033411	<i>Amicodisca castaneae</i>	KUS F51917		Hyaloscyphaceae	Hyaloscyphaceae	
JN033389	<i>Amicodisca</i> sp	KUS F51377		Hyaloscyphaceae	Hyaloscyphaceae	
MH221521	<i>Amicodisca virella</i>	SBRH 828	TypeSpecies	Hyaloscyphaceae	Hyaloscyphaceae	
NR_119450	<i>Amorphotheca resiniae</i>	ATCC 200942	exTypeSpecimen	Amorphothecaceae	Amorphothecaceae	
EU030278	<i>Amorphotheca resiniae</i>	ATCC 22711		Amorphothecaceae	Amorphothecaceae	JGI genome also available for this specimen
KM272369	<i>Amylocarpus encephaloides</i>	O17cN	TypeSpecies	Helotiales incertae sedis	Helotiaceae	
AJ133431	<i>Antartomyces psychrotrophicus</i>	IMI 378528	exTypeSpecimen	Pezizellaceae	Thelebolaceae	
NR_111345	<i>Aquapoterium pinicola</i>	ATCC MYA-4213	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiales incertae sedis	
MH578553	<i>Arachnopeziza araneosa</i>	ICMP 21731		Arachnopezizaceae	Arachnopezizaceae	MWLR genome also available for this specimen
JN033436	<i>Arachnopeziza aurata</i>	TNS-F-11212		Arachnopezizaceae	Arachnopezizaceae	
A_aurel_Hosoya	<i>Arachnopeziza aurelia</i>	TNS-F-40009	TypeSpecies	Arachnopezizaceae	Arachnopezizaceae	GenBank LC425050
JN033445	<i>Arachnopeziza obtusipila</i>	TNS-F-12768		Arachnopezizaceae	Arachnopezizaceae	
MH578549	<i>Arachnopeziza</i> sp on <i>Dianella</i>	ICMP 22831		Arachnopezizaceae	Arachnopezizaceae	
KC834042	<i>Arbusculina fragmentans</i>	CCM F-13486		Pezizomycotina incertae sedis (2)	Hyaloscyphaceae	
KP234351	' <i>Articulospora</i> ' proliferata	CCM F-11200				
DSM_104345	<i>Articulospora tetracladia</i>	DSM 104345	TypeSpecies	Discinella-Pezoloma lineage	Discinella-Pezoloma lineage	GenBank MK226461
AF260815	<i>Ascocalyx abietina</i>	ATCC 28379		Godroniaceae	Godroniaceae	
FJ746661	<i>Ascocalyx abietina</i>	ATCC 34573		Godroniaceae	Godroniaceae	
JN033406	<i>Ascocoryne cyllichnium</i>	KUS F52351		Gelatinodiscaceae	Gelatinodiscaceae	
HM152546	<i>Ascocoryne sarcoides</i>	CBS 171.56	TypeSpecies	Gelatinodiscaceae	Gelatinodiscaceae	
Ascsa1	<i>Ascocoryne sarcoides</i>	NRRL 50072	TypeSpecies	Gelatinodiscaceae	Gelatinodiscaceae	ITS extracted from JGI genome
MH682237	<i>Ascocoryne</i> sp	ICMP 22839		Gelatinodiscaceae	Gelatinodiscaceae	
KY462798	<i>Ascotremella faginea</i>	GM20151028	TypeSpecies	Gelatinodiscaceae	Gelatinodiscaceae	
KP161274	<i>Asperopilium junciola</i>	PDD 56797	Type Species	Hyaloscyphaceae	Lachnaceae	
MH578456	<i>Asterocalyx cf mirabilis</i>	PDD 62628		Helotiales incertae sedis	Helotiales incertae sedis	
MH578480	<i>Austropeziza samuelsii</i>	ICMP 22791	TypeSpecies	Arachnopezizaceae	Pezizellaceae	
KM880187	<i>Banksiamyces</i> sp.	PDD 105253		Helotiales incertae sedis	Helotiales incertae sedis	
KT598374	<i>Barrenia panicia</i>	RUTPP-WSF1R37	exTypeSpecimen	Helotiales incertae sedis (2)	Mollisiaceae	
KU900903	<i>Belonioscyphella hypnorum</i>	Bel2 Type	TypeSpecies	Helotiales incertae sedis	Stamnaria lineage/Han Clade 9	
KF499363	<i>Bicornispora exophiala</i>	AH 15779	exTypeSpecimen	Rutstroemiaceae	Rutstroemiaceae	
KF499361	<i>Bicornispora seditiosa</i>	WU 32445		Rutstroemiaceae	Rutstroemiaceae	
KY462800	<i>Bispora antennata</i>	G.M. 2014-09		Helotiaceae	Helotiaceae	anamorph of <i>Bisporella</i> sensu stricto
D2517	<i>Bivallum zelandicum</i>	PDD 112248		Rhytismataceae	Rhytismataceae	GenBank MH921846
KY853426	<i>Bloxamia truncata</i>	FMR 11240	TypeSpecies	Pezizellaceae	Pezizellaceae	Bloxamiaceae (Hernández-Restrepo et al. 2017)
KY653161	<i>Blumeria graminis</i>	OE2013PM31		Erysiphaceae	Erysiphaceae	
DH_14	<i>Blumeria graminis hordei</i>	DH-14	TypeSpecies	Erysiphaceae	Erysiphaceae	ITS extracted from JGI genome
KY929501	<i>Blumeriella kerriae</i>	JS20160615		Drepanopezizaceae	Drepanopezizaceae	
KX858917	<i>Botrytis cinerea</i>	1810	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
KF727423	<i>Brunaudia phormigena</i>	PDD 75309	Type Species		Helotiaceae	

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
JN033392	<i>Brunnipila fuscescens</i>	KUS F52031		Lachnaceae	Lachnaceae	
JX393084	<i>Bryoclaviculus campylopi</i>	PDD 101074	exTypeSpecimen	Bryoglossum lineage	Bryoglossum lineage	
AY789285	<i>Bryoglossum gracile</i>	DAOM 178087	Type Species	Bryoglossum lineage	Bryoglossum lineage	
KJ663831	<i>Bulgaria inquinans</i>	CBS 118.31	TypeSpecies	Phacidiaceae	Phacidiaceae	
MH578505	<i>Bulgariella pulla</i>	ICMP 22812	TypeSpecies	Helotiales incertae sedis	Helotiaceae	
KU845537	<i>Bulgariella pulla</i>	TL2011	TypeSpecies	Helotiales incertae sedis	Helotiaceae	
NR_111040	<i>Byssosascus striatosporus</i>	UAMH 3572	exTypeSpecimen	Myxotrichaceae	Myxotrichaceae	
AY249073	<i>Cadophora fastigiata</i>	CBS 307.49	TypeSpecies	Ploettnerulaceae	Ploettnerulaceae	
PRJEB13389	<i>Cadophora malorum</i>	Mo12		Ploettnerulaceae	Ploettnerulaceae	ITS extracted from NCBI genome
Cadsp1	<i>Cadophora</i> sp.	DSE1049		Ploettnerulaceae	Ploettnerulaceae	ITS extracted from JGI genome
KF836358	<i>Cairneyella variabilis</i>	VPRI 42388	exTypeSpecimen	incertae sedis	Helotiales hyaloscyphoid clade	
KT185667	<i>Calloria urticae</i>	G.M. 2015-04-12 5		Calloriaceae	Stamnaria lineage/Han Clade 9	
JN033382	<i>Calycellina populina</i>	CBS 247.62		Pezizellaceae	Pezizellaceae	
D1971	<i>Calycellina</i> sp.	ICMP 22839		Pezizellaceae	Pezizellaceae	GenBank MH921847; ex <i>Knightsia</i> leaves
MH682235	<i>Calycina citrina</i>	ICMP 22830		Pezizellaceae	Pezizellaceae	
LC169492	<i>Calycina discedens</i>	TNS-F-37025		Pezizellaceae	Pezizellaceae	
JN033407	<i>Calycina herbarum</i>	KUS F52362	TypeSpecies	Pezizellaceae	Pezizellaceae	
KT185677	<i>Calycina marina</i>	TROM F26093		Pezizellaceae	Pezizellaceae	
Bisps1	<i>Calycina</i> sp.	PMI 857		Pezizellaceae	Pezizellaceae	as <i>Bisporella</i> sp.; ITS extracted from JGI genome
LT904864	<i>Capitotricha bicolor</i>	PRM 915564	Type Species	Lachnaceae	Lachnaceae	
KF033116	<i>Cashiella sticheri</i>	PDD 103198		Helotiales incertae sedis	Helotiales incertae sedis	
GU727557	<i>Catenulifera brachyconia</i>	CBS 700.73		Helotiales incertae sedis	Helotiales - Han Clade 4	
GU727561	<i>Catenulifera brevicollaris</i>	CBS 126.74		Helotiales incertae sedis	Helotiales - Han Clade 4	
GU727560	<i>Catenulifera luxurians</i>	CBS 647.75		Helotiales incertae sedis	Helotiales - Han Clade 4	
LT158425	<i>Cenangioopsis quercicola</i>	TAAM 178677	TypeSpecies	Cenangiaceae	Cenangiaceae	
KX090899	<i>Cenangioopsis</i> sp.	Dgf/C7D-02-07-14		Cenangiaceae	Cenangiaceae	
LT158439	' <i>Cenangium</i> ' <i>acuuum</i>	TAAM 198515				
LT158444	<i>Cenangium ferruginosum</i>	OULU24432		Cenangiaceae	Cenangiaceae	
LT158471	<i>Cenangium ferruginosum</i>	TAAM 198451	TypeSpecies	Cenangiaceae	Cenangiaceae	
LT158458	<i>Cenangium japonicum</i>	CUP JA3745		Cenangiaceae	Cenangiaceae	
AY487082	<i>Chaetomella oblonga</i>	BPI 843553	TypeSpecies	Chaetomellaceae	Chaetomellaceae	
AY487085	<i>Chaetomella raphigera</i>	BPI 843551	TypeSpecies	Chaetomellaceae	Chaetomellaceae	
NR_145313	' <i>Chalara</i> ' <i>clidemiae</i>	CBS 141319		Porodiplodiaceae (2)	Pezizellaceae	
Chalo1	<i>Chalara longipes</i>	JGI Genome			Hyaloscyphaceae	ITS extracted from JGI genome
KR611871	<i>Cheirospora botryospora</i>	CPC 24605	Type species	Ascomycota incertae sedis (2)	Mollisiaceae	
MH682234	<i>Chlorencoelia torta</i>	ICMP 22831		Cenangiaceae	Cenangiaceae	MWLR genome also available for this specimen
LT158479	<i>Chlorencoelia versiformis</i>	TU 119720	Type Species	Cenangiaceae	Cenangiaceae	
C_aerugascens_Hosoya	<i>Chlorociboria aeruginascens</i>	TNS-F-36241		Chlorociboriaceae	Chlorociboriaceae	Genbank LC425045
KL247	<i>Chlorociboria aeruginella</i>	TAAM 198514		Chlorociboriaceae	Chlorociboriaceae	GenBank MH752067
Z81426	<i>Chlorociboria aeruginosa</i>	Holst-Jensen 1785.P	Type Species	Chlorociboriaceae	Chlorociboriaceae	
DQ491501	<i>Chlorociboria aeruginosa</i>	OSC 100056	TypeSpecies	Chlorociboriaceae	Chlorociboriaceae	
AY755355	<i>Chlorociboria halonata</i>	PDD 71610		Chlorociboriaceae	Chlorociboriaceae	
AY755352	<i>Chlorociboria poutoensis</i>	ICMP 15618		Chlorociboriaceae	Chlorociboriaceae	
D1600	<i>Chlorociboria</i> sp.	ICMP 15637		Chlorociboriaceae	Chlorociboriaceae	GenBank MH921848
AY755361	' <i>Chlorociboria</i> ' sp.	PDD 70096				
MG553993	<i>Chlorosplenium chlora</i>	BHIF736a	TypeSpecies	Helotiales incertae sedis	Mollisiaceae	
KF429256	<i>Chlorovibrissea albofusca</i>	ICMP 19443		Vibrissaceae	Helotiales helotioid clade	
KF924737	<i>Chlorovibrissea bicolor</i>	ICMP 19895	Type Species	Vibrissaceae	Helotiales helotioid clade	
KF429258	<i>Chlorovibrissea chilensis</i>	PDD 99891		Vibrissaceae	Helotiales helotioid clade	
KF429261	<i>Chlorovibrissea phialophora</i>	PDD 83226		Vibrissaceae	Helotiales helotioid clade	
PRJNA289037	<i>Ciborinia camelliae</i>	ICMP 19812		Sclerotiniaceae	Sclerotiniaceae	ITS extracted from NCBI genome
Z73768	<i>Ciborinia whetzelii</i>	1927.H (Oslo)	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
JN033429	<i>Cistella albidolutea</i>	KUS F52678		Hyaloscyphaceae	Stamnaria lineage/Han Clade 9	
KC834043	<i>Cladochasiella divergens</i>	CCM F-13489	exTypeSpecimen	Ascomycota incertae sedis (2)	Discinella-Pezoloma lineage	
EF029222	<i>Clathrosphaerina zalewskii</i>	ICMP 15322	TypeSpecies	Hyaloscyphaceae (2)	Arachnopezizaceae	
EF029202	<i>Clathrosporium intricatum</i>	ICMP 14914	TypeSpecies	Helotiales incertae sedis (2)	Gelatinodiscaceae	
C_atro_Hosoya	<i>Claussenomyces atrovirens</i>	TNS-F-18149		Tympanidaceae	Leotiales incertae sedis	Genbank LC425048

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
KM677201	'Clausenomyces' sp.	ICMP 21969		Tympanidaceae	Leotiales incertae sedis	
KC492060	Cleistothelobolus nipigonensis	Doveri	Type Species	Thelebolaceae	Thelebolaceae	
MH578517	Coccomyces crystalligenus	PDD 111539		Rhytismataceae	Rhytismataceae	
DQ491499	Coccomyces dentatus	OSC 100021		Rhytismataceae	Rhytismataceae	
R999	Coccomyces globosus	ICMP 17374		Rhytismataceae	Rhytismataceae	GenBank MH921849
KJ606678	Coccomyces lauraceus	ICMP 17399		Rhytismataceae	Rhytismataceae	
MH578530	Coccomyces phyllocladi	PDD 112232		Rhytismataceae	Rhytismataceae	
R970	Coccomyces radiatus	ICMP 17372		Rhytismataceae	Rhytismataceae	GenBank MH921850
MG386025	Cochlearomyces eucalypti	CBS 142622	exTypeSpecimen	Cochlearomycetaceae	Cochlearomycetaceae	
NR_154804	Coleophoma camelliae	CBS 101376		Leotiomyces incertae sedis	Dermateaceae	
NR_154805	Coleophoma ericicola	CBS 301.72		Leotiomyces incertae sedis	Dermateaceae	
KU728491	Coleophoma paracylindrospora	CBS 109074		Leotiomyces incertae sedis	Dermateaceae	
NR_154807	Coleophoma parafusiformis	CBS 132692		Leotiomyces incertae sedis	Dermateaceae	
NR_111760	Coleophoma proteae	CBS 132532		Leotiomyces incertae sedis	Dermateaceae	
NR_154838	Coleophoma xanthosiae	CPC 29214		Leotiomyces incertae sedis	Dermateaceae	
NR_111443	Collembolispora barbata	CBS 115944	exTypeSpecimen	Helotiales incertae sedis (2)	Ploettnerulaceae	
GQ154575	'Collophorina' paarla	CBS 120878			Leotiales incertae sedis	
GQ154547	Collophorina rubra	CBS 120873	exTypeSpecimen	Tympanidaceae	Tympanidaceae	
AJ293880	Colpoma quercinum	strain C3	Type Species	Rhytismataceae	Rhytismataceae	
KJ755499	Connersia rilstonii	CBS 537.74	exTypeSpecimen	Pseudeurotiaceae	Helotiaceae	
Z81428	Coprotinia minutula	Holst Jensen 1916.P	Type Species	Sclerotiniaceae	Sclerotiniaceae	ITS tree Lachnaceae but on long branch, ITS1 only and not great quality; also on long branch in Hosl Jensen phylogeny
KT225524	Crinula caliciiformis	AFTOL-ID 272	TypeSpecies	Tympanidaceae	Leotiomyces incertae sedis	
KT462570	Cristulariella depraedans	KUS F26976	Type Species	Sclerotiniaceae	Sclerotiniaceae	
604a	Crocicreas gramineum	YSU-F-03527	TypeSpecies	incertae sedis	Helotiales - Han Clade 4	GenBank MH733945
MH578514	'Crocicreas' multicuspdatum	PDD 112218				
LT158442	Crumenulopsis sororia	TU 104504		Cenangiaceae	Cenangiaceae	
MH578491	Cryptohymenium pycnidioforum	PDD 111534	TypeSpecies	Helotiales incertae sedis	Helotiales sclerotinioid clade	
KR859232	Cryptosporiopsis nigra	CBS 268.39	TypeSpecies	Dermateaceae	Dermateaceae	
EU784189	Cudonia circinans	K(M)102575	Type Species	Cudoniaceae	Cudoniaceae	
DQ202512	Cudoniella acicularis	CBS 100273		Helotiaceae	Helotiaceae	
DQ491502	Cudoniella clavus	AFTOL-ID 166		Helotiaceae	Helotiaceae	
DQ202513	Cudoniella indica	CBS 430.94		Helotiaceae	Helotiaceae	
DQ202505	Cudoniella indica	SS 708		Helotiaceae	Helotiaceae	
KM503089	Curviclavula anemophila	CBS 138123	exTypeSpecimen	Helotiales incertae sedis (2)	Pezizellaceae	
AJ430397	Cyathicula coronata	ARON3093.H	TypeSpecies	Helotiaceae	Helotiaceae	
NR_153910	Cyclaneusma minus	CBS 496.73	exTypeSpecimen	Marthamycetaceae	Marthamycetaceae	
EU107253	Cyttaria darwinii	isolate 14 (Farlow)	TypeSpecies	Cyttariaceae	Cyttariaceae	
U92302	Darkera parca	Gernandt	exTypeSpecimen	Phacidiaceae	Phacidiaceae	
AB481239	Dasyyscyphella longistipitata	FC-2013		Lachnaceae	Lachnaceae	
NR_154008	Davidhawksworthia ilicicola	CBS 734.94	exTypeSpecimen	Dermateaceae	Dermateaceae	
JQ688406	Deltopyxis triangulispora	Baral HB9625b	exTypeSpecimen	Leotiomyces incertae sedis	Leotiomyces incertae sedis	
HF677177	Dematioscypha delicatum	FMR 11585		cf Hyaloscyphaceae	Helotiales - Han Clade 7	
JN033438	Dematioscypha dematiicola	TNS-F-17834	type species	cf Hyaloscyphaceae	Helotiales - Han Clade 7	
PDD102323	'Dermatea' fumosa	PDD 102323				GenBank MH921851
AF141164	Dermea acerina	CBS 131.68		Dermateaceae	Dermateaceae	
AF141159	Dermea cerasi	CBS 136.46	TypeSpecies	Dermateaceae	Dermateaceae	
KF727411	Dicephalospora chrysotricha	ICMP 19952		Helotiaceae	Helotiaceae	
10106	Dicephalospora rufocornea	HMAS 275559		Helotiaceae		GenBank KU668565
AB926055	Dicephalospora rufocornea	TNS-F-40024		Helotiaceae	Helotiaceae	
D2146	'Dicephalospora rufo-cornea'	ICMP 22840				GenBank MH921852; ex Phormium ex New Zealand
DQ202518	Dimorphospora foliicola	CBS 221.59	exTypeSpecimen	Helotiaceae (2)	Gelatinodiscaceae	
KY672995	Diplocarpon mali	NL1		Drepanopezizaceae	Drepanopezizaceae	NCBI genome also available for this specimen; as Marsonnina coronariae
DortE4	Diplocarpon rosae	DortE4	TypeSpecies	Drepanopezizaceae	Drepanopezizaceae	ITS extracted from NCBI genome
KP052773	Diplocarpon rosae	DR19	TypeSpecies	Drepanopezizaceae	Drepanopezizaceae	
KJ559532	Diplolaeviopsis cf ranula	Diederich 16989	Type Species	Cordieritaceae	Cordieritaceae	

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KC412001	<i>Discinella boudieri</i>	Baral HB4326	TypeSpecies	Discinella-Pezoloma lineage	Discinella-Pezoloma lineage	
KY462820	<i>Duebenia compta</i>	G.M. 2015-06-01-1		Calloriaceae	Stamnaria lineage/Han Clade 9	
AB516665	<i>Dumontinia tuberosa</i>	MAFF 241373	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
KY462811	<i>Durella connivens</i>	GM-2015-05-16		Strossmayeria lineage	Strossmayeria lineage	
KY462812	' <i>Durella</i> ' <i>macrospora</i>	Baral HB9974				
MF161317	' <i>Durella</i> ' <i>melanochlora</i>	BHI-F652a				
NR_126148	<i>Eleutheromyces subulatus</i>	CBS 113.86	exTypeSpecimen	Helicogoniaceae	Helicogoniaceae	epitype (MBT178280)
LT158475	<i>Elliottinia kernerii</i>	TU 104529	Type Species	Sclerotiniaceae	Sclerotiniaceae	
AF203469	<i>Elytroderma deformans</i>	CBS 181.68	Type Species	Rhytismataceae	Rhytismataceae	
KL111	<i>Encoelia fimbriata</i>	TAAM 165728	TypeSpecies	Cordieriticeae	Cordieriticeae	GenBank MH752063
LT158416	<i>Encoelia furfuracea</i>	TAAM 165633		Cenangiaceae	Cordieriticeae	
LT158438	<i>Encoelia glauca</i>	Baral HB9232		Encoeliaceae	Cordieriticeae	
LT158462	' <i>Encoelia</i> ' <i>pruinosa</i>	NY02533482				KL344
KF727424	<i>Endoscypha perforans</i>	PDD 102231	Type Species	Hyaloscyphaceae	Helotiaceae	
KY661614	<i>Epicladonia sandstedei</i>	RP106	Type Species	Ascomycota incertae sedis (2)	Phaciaceae	
KX501126	<i>Eriopezia caesia</i>	SBRH 843	Type Species	Arachnopezizaceae	Arachnopezizaceae	
KP794929	<i>Erysiphe lespedezae</i>	CFSZ 95119		Erysiphaceae	Erysiphaceae	
KY660860	<i>Erysiphe necator</i>	4_74		Erysiphaceae	Erysiphaceae	
U92304	<i>Fabrella tsugae</i>	Gernandt	TypeSpecies	Cenangiaceae	Cenangiaceae	
CCM_F00681	<i>Filosporella annelidica</i>	CCM F-00681		Ascomycota incertae sedis (2)	Helotiales incertae sedis	GenBank MK226458
KC834047	<i>Filosporella fistucella</i>	CCM F-13091		Ascomycota incertae sedis (2)	Helotiales incertae sedis	
KC834050	<i>Flagellospora curvula</i>	CCM F-18699	TypeSpecies	Nectriaceae (2)	Leotiales incertae sedis	
KP234354	<i>Fontanospora eccentrica</i>	CCM F-11513	TypeSpecies	Helotiales incertae sedis (2)	Discinella-Pezoloma lineage	
KF730813	<i>Fontanospora eccentrica</i>	UMB 882.11	Type Species	Helotiales incertae sedis (2)	Discinella-Pezoloma lineage	
DQ195779	<i>Fulvoflamma eucalypti</i>	CPC 11243	exTypeSpecimen	Rhytismatales incertae sedis (2)	Phaciaceae	
KY853444	<i>Fuscoclara lignicola</i>	FMR11236	exTypeSpecimen	Dermateaceae (2)	Mollisiaceae	
PRJNA407395	<i>Gamarada debralockiae</i>	T6G9	TypeSpecies		Helotiales - Han Clade 4	ITS extracted from NCBI genome
G_ast_Hosoya	<i>Gelatinipulvinella astraicola</i>	TNS-F-17846	TypeSpecies	Helicogoniaceae	Helicogoniaceae	Genbank LC425040
EU652349	<i>Gelatinodiscus flavidus</i>	OSC 65796	Type Species	Gelatinodiscaceae	Gelatinodiscaceae	
JX219380	<i>Gelatinomyces siamensis</i>	KKUK2	exTypeSpecimen	Typanidaceae	Leotiales incertae sedis	synonym of <i>Myriodiscus</i> (Baral 2015)
G_fung_Hosoya	<i>Gelatinopsis fungicola</i>	TNS-F-44003		Helicogoniaceae	Helicogoniaceae	Genbank LC425051
KJ559542	<i>Geltingia associata</i>	TU 45655	Type Species	Helicogoniaceae	Helicogoniaceae	
KX501127	<i>Gemmina gemmarum</i>	SBRH 862	Type Species	Pezizellaceae	Pezizellaceae	
NR_111872	<i>Geomyces auratus</i>	CBS 108.14	exTypeSpecimen	Pseudeurotiaceae	Pseudeurotiaceae	
NR_137138	<i>Glarea lozoyensis</i>	ATCC 20868	exTypeSpecimen	Helotiaceae	Helotiaceae	JGI genome also available for this specimen
DQ235697	<i>Gloeotinia temulenta</i>	GS01	TypeSpecies	Helotiaceae	Helotiales incertae sedis	
KL150	<i>Godronia fuliginosa</i>	Baral HB6640		Godroniaceae	Godroniaceae	GenBank MH752064
AB077679	<i>Golovinomyces ambrosiae</i>	MUMH731		Erysiphaceae	Erysiphaceae	
AB769417	<i>Golovinomyces asterum</i> var. <i>solidaginis</i>	MUMH941		Erysiphaceae	Erysiphaceae	
AB077685	<i>Golovinomyces macrocarpus</i>	MUMH864		Erysiphaceae	Erysiphaceae	
KC834058	<i>Gorgomyces hungaricus</i>	CCM F-12696	exTypeSpecimen	Ascomycota incertae sedis (2)	Leotiales incertae sedis	
JQ256423	<i>Graddonia coracina</i>	ILLS 60491	TypeSpecies	Helotiaceae	Helotiaceae	
KC352953	<i>Gremmeniella abietina</i>	DAOM 170387	Type Species	Godroniaceae	Godroniaceae	
Greab	<i>Gremmeniella abietina</i>	DAOM 170408	TypeSpecies	Godroniaceae	Godroniaceae	GenBank KC352960
KX358851	<i>Grovesiella abieticola</i>	RFap2016WA 2	Type Species	Typanidaceae	Godroniaceae	
KC460209	<i>Grovesinia moricola</i>	KUS F26901		Sclerotiniaceae	Sclerotiniaceae	
Z81433	<i>Grovesinia pyramidalis</i>	LMK38	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
NR_111199	<i>Gymnostellatospora canadensis</i>	UAMH 8899		Myxotrichaceae	Pseudeurotiaceae	
NR_111200	<i>Gymnostellatospora frigida</i>	UAMH 9304		Myxotrichaceae	Pseudeurotiaceae	
KC834061	<i>Gyoerffyyella rotula</i>	CCM F-400	TypeSpecies	Discinella-Pezoloma lineage	Discinella-Pezoloma lineage	type status, Marvanova, TBMS 65: 555-565, 1975
AF169303	<i>Halenospora varia</i>	ATCC 28878	TypeSpecies	Leotiaceae (2)	Helotiaceae	as <i>Zalerion varium</i>
JN033455	<i>Hamatocanthoscypha laricinis</i>	TNS-F-24336	type species	Pezizellaceae	Pezizellaceae	
D2116	<i>Hamatocanthoscypha</i> sp.	ICMP 22841		Pezizellaceae	Pezizellaceae	GenBank MH921853
AB329720	<i>Haradamycetes foliicola</i>	MAFF 411026	exTypeSpecimen	Sclerotiniaceae	Sclerotiniaceae	
KR078433	<i>Helicocentris hyalina</i>	SS04733.01	exTypeSpecimen	Leotiomycetes incertae sedis (2)	Helotiales hyaloscyphoid clade	
EF029238	' <i>Helicodendron</i> ' <i>luteoalbum</i>	ICMP 15709				

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
KR078436	<i>Helicodendron paradoxum</i>	CBS 300.50	Type Species	Helotiales incertae sedis (2)	Gelatinodiscaceae	
EF029223	<i>Helicodendron paradoxum</i>	ICMP 15323	TypeSpecies	Helotiales incertae sedis (2)	Gelatinodiscaceae	
EF029195	' <i>Helicodendron</i> ' <i>tubulosum</i>	ICMP 14615				
EF029197	' <i>Helicodendron</i> ' <i>websteri</i>	ICMP 14766				
EF029196	' <i>Helicodendron</i> ' <i>westerdijkiae</i>	ICMP 14616				
MH682236	Helotiaceae sp	ICMP 22837				
EU440381	Helotiales ex <i>Damnamenia</i>	PDD 93520				
KT876979	Helotiales sp.	Baral HB9934a				
D2515	Helotiales sp.	PDD 112247				GenBank MH921854; tiny blue green on <i>Dracophyllum</i> leaf
MH578568	' <i>Helotium</i> ' <i>elaocarpi</i>	ICMP 22808				
KY462819	' <i>Helotium</i> ' <i>uidulum</i>	G.M. 2015-06-06-1				
KY462821	<i>Heterosphaeria patella</i>	G.M. 201408041	TypeSpecies	Heterosphaeriaceae	Heterosphaeriaceae	
AY789297	<i>Heyderia abietis</i>	HMAS 71954	Type Species	Cenangiaceae	Cenangiaceae	
AY789290	<i>Heyderia abietis</i>	OSC 60392	Type Species	Cenangiaceae	Cenangiaceae	
LT158426	<i>Heyderia abietis</i>	TAAM 165961	TypeSpecies	Cenangiaceae	Cenangiaceae	
LT158430	<i>Heyderia pusilla</i>	TU 104257		Cenangiaceae	Cenangiaceae	
Au09_2	<i>Hispidula</i> sp.	ICMP 22842		Hyaloscyphaceae	Helotiaceae	GenBank MH921855; on <i>Dicksonia</i>
Au09_41	<i>Hispidula</i> sp.	ICMP 22843		Hyaloscyphaceae	Helotiaceae	GenBank MH921856; on <i>Nothofagus</i>
MH578493	<i>Hispidula tokerau</i>	ICMP 22800		incertae sedis	Helotiaceae	
H_muc_Hosoya	<i>Holwaya mucida</i>	TNS-F-29145	TypeSpecies	Tympanidaceae	Leotiomyces incertae sedis	GenBank LC425042
TU112863	<i>Holwaya mucida</i>	TU 112863	TypeSpecies	Tympanidaceae	Leotiomyces incertae sedis	GenBank MH752062
EU040232	<i>Hyalodendriella betulae</i>	CBS 261.82	exTypeSpecimen	Helotiales incertae sedis (2)	Pezizellaceae	
JN033416	<i>Hyalopeziza leuconica</i>	KUS F52474		Hyaloscyphaceae	Hyaloscyphaceae	
JN033381	<i>Hyalopeziza nectrioides</i>	CBS 597.77		Hyaloscyphaceae	Hyaloscyphaceae	
JN033439	<i>Hyalopeziza</i> sp	TNS-F-17879		Hyaloscyphaceae	Hyaloscyphaceae	
JN033442	<i>Hyalopeziza</i> sp	TNS-F-17975		Hyaloscyphaceae	Hyaloscyphaceae	
JN033449	<i>Hyalopeziza</i> sp	TNS-F-18048		Hyaloscyphaceae	Hyaloscyphaceae	
JN033437	<i>Hyaloscypha albohyalina</i> var <i>albohyalina</i>	TNS-F-11213		Hyaloscyphaceae	Hyaloscyphaceae	
JN033456	<i>Hyaloscypha albohyalina</i> var <i>monodictys</i>	TNS-F-5013		Hyaloscyphaceae	Hyaloscyphaceae	
JN033426	<i>Hyaloscypha albohyalina</i> var <i>spiralis</i>	KUS F52652		Hyaloscyphaceae	Hyaloscyphaceae	
JN033394	<i>Hyaloscypha aureliella</i>	KUS F52070		Hyaloscyphaceae	Hyaloscyphaceae	
EU940230	<i>Hyaloscypha fuckelii</i>	TUR 172135		Hyaloscyphaceae	Hyaloscyphaceae	
JN943614	<i>Hyaloscypha hepaticicola</i>	M339		Hyaloscyphaceae	Hyaloscyphaceae	
JN033451	<i>Hyaloscypha leuconica</i> var. <i>bulbopilosa</i>	TNS-F-18073		Hyaloscyphaceae	Hyaloscyphaceae	
KY769526	<i>Hyaloscypha minuta</i>	G.M. 20150406.2	TypeSpecies	Hyaloscyphaceae	Hyaloscyphaceae	
TTT2178	<i>Hyaloscypha</i> sp.	ICMP 22844		Hyaloscyphaceae	Hyaloscyphaceae	GenBank MH921857
JN033378	<i>Hyaloscypha vitreola</i>	CBS 127.91		Hyaloscyphaceae	Hyaloscyphaceae	
FJ477059	<i>Hyaloscypha vitreola</i>	Huhtinen M220	TypeSpecies	Hyaloscyphaceae	Hyaloscyphaceae	
KC834062	<i>Hydrocina chaetocladia</i>	CCM F-10890	exTypeSpecimen	<i>Discinella-Pezoloma</i> lineage	Helotiales incertae sedis	
NR_154907	' <i>Hymenoscyphus</i> ' <i>aurantiacus</i>	HMAS 264143			Helotiaceae	
AB926065	<i>Hymenoscyphus caudatus</i>	TNS-F-40056		Helotiaceae	Helotiaceae	
CBS133217	<i>Hymenoscyphus fraxineus</i>	CBS 133217		Helotiaceae	Helotiaceae	ITS extracted from NCBI genome
GU586933	<i>Hymenoscyphus fructigenus</i>	CBS 650.92	TypeSpecies	Helotiaceae	Helotiaceae	
AB926057	<i>Hymenoscyphus fructigenus</i>	TNS-F-44644	TypeSpecies	Helotiaceae	Helotiaceae	
NR_119669	<i>Hymenoscyphus ginkgonis</i>	KUS F51352		Helotiaceae	Helotiaceae	
NR_137108	' <i>Hymenoscyphus</i> ' <i>haasticus</i>	ICMP 19598		Helotiaceae		
CBS122016	<i>Hymenoscyphus infarciens</i>	CBS 122016		Helotiaceae	Helotiaceae	ITS extracted from NCBI genome
NR_137110	' <i>Hymenoscyphus</i> ' <i>kiko</i>	ICMP 19613		Helotiaceae		
AB926063	<i>Hymenoscyphus menthae</i>	TNS-F-40052		Helotiaceae	Helotiaceae	
D1039	' <i>Hymenoscyphus</i> ' <i>metrosideri</i>	ICMP 22845				GenBank MH921858
NR_137109	' <i>Hymenoscyphus</i> ' <i>ohakune</i>	ICMP 19601		Helotiaceae		
PRJNA297738	' <i>Hymenoscyphus</i> ' <i>repandus</i>	CBS 341.76				ITS extracted from NCBI genome
CBS111550	<i>Hymenoscyphus salicellus</i>	CBS 111550		Helotiaceae	Helotiaceae	ITS extracted from NCBI genome
KC481695	<i>Hymenoscyphus scutula</i>	CBS 480.97		Helotiaceae	Helotiaceae	NCBI genome also available for this specimen
AB926114	<i>Hymenoscyphus scutula</i>	TNS-F-17507		Helotiaceae	Helotiaceae	

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
AB481291	'Hymenoscyphus' varicosporoides	FC-2038		Helotiaceae		
Hymvar1	'Hymenoscyphus' varicosporoides	Hymvar1		Helotiaceae		ITS extracted from JGI genome
KC164666	'Hymenoscyphus' waikaia	PDD 66379		Helotiaceae		
MH578484	Hymenotorrendiella dingleyae	ICMP 22793		Helotiaceae	Helotiaceae	NCBI genome also available for this specimen
MH578483	Hymenotorrendiella eucalypti	ICMP 22792	TypeSpecies	Helotiaceae	Helotiaceae	
AB546944	Hyphodiscus hyaloscyphoides	TNS-F-13588		Hyaloscyphaceae	Helotiales - Han Clade 4	
MH682230	Hyphodiscus sp.	ICMP 22833		Hyaloscyphaceae	Helotiales - Han Clade 4	NCBI genome also available for this specimen
AB546953	Hyphodiscus theioides	TNS-F-32000	Type Species	Hyaloscyphaceae	Helotiales - Han Clade 4	
JN033448	Hyphopeziza pygmaea	TNS-F-17940		Hyaloscyphaceae	Helotiales - Han Clade 4	
MH682238	Hypoderma cordylinae	ICMP 22834		Rhytismataceae	Rhytismataceae	
R898	Hypoderma liliense	ICMP 18323		Rhytismataceae	Rhytismataceae	GenBank MH921859
JF683419	Hypoderma rubi	ICMP 17339	TypeSpecies	Rhytismataceae	Rhytismataceae	
KT876985	Incrucipulum ciliare	Baral HB9922	TypeSpecies	Lachnaceae	Lachnaceae	
AB481261	Incrucipulum radiatum	FC-2283, TNS-F-16769		Lachnaceae	Lachnaceae	
KR859078	Infundichalara microchona	CBS 175.74	exTypeSpecimen	Helotiales incertae sedis (2)	Pezizellaceae	
KL154	Ionomidotis irregularis	TAAM 198520	TypeSpecies	Cordieriticaeae	Cordieriticaeae	GenBank MH752065
KL301	Ionomidotis olivascens	TNS-F-39269		Cordieriticaeae	Cordieriticaeae	GenBank MH752068
AY236423	Kohninia linnaeicola	ARON 3886	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
MH578545	Lachnellula rhopalostyliidis	ICMP 22817		Lachnaceae	Lachnaceae	
AB481247	Lachnellula subtilissima	FC 2354		Lachnaceae	Lachnaceae	
NR_154125	Lachnopsis catarinensis	CPC 24723	exTypeSpecimen	Hyaloscyphaceae	Lachnaceae	
JN033395	Lachnum abnorme	KUS F52080		Lachnaceae	Lachnaceae	
D2142	Lachnum berggrenii	ICMP 22847		Lachnaceae	Lachnaceae	GenBank MH921860
D2179	Lachnum filiceum	ICMP 22848		Lachnaceae	Lachnaceae	GenBank MH921861
MH682233	Lachnum nothofagi	ICMP 22835		Lachnaceae	Lachnaceae	NCBI genome also available for this specimen
L_palm_Hosoya	Lachnum palmae	TNS-F-13500		Lachnaceae	Lachnaceae	GenBank LC425039
D832	Lachnum palmae	ICMP 22849		Lachnaceae	Lachnaceae	GenBank MH921862
D2018asc1	Lachnum pteridicola	ICMP 22850		Lachnaceae	Lachnaceae	GenBank MH921863
D1189	Lachnum pteridophyllum	ICMP 22851		Lachnaceae	Lachnaceae	GenBank MH921864
MH578538	Lachnum sp.	ICMP 22822		Lachnaceae	Lachnaceae	ex Dacrydium cupressinum
DQ491485	Lachnum virgineum	AFTOL-ID 49		Lachnaceae	Lachnaceae	
AB705235	Lachnum virgineum	FC 2137		Lachnaceae	Lachnaceae	
MH578513	'Lachnum' willisii	PDD 112217				
KT185666	Laetinaevia carneoflavida	G.M. 2014-07-25		Calloriaceae	Stamnaria lineage/Han Clade 9	
L_brun_Hosoya	'Lambertella' brunneola	TNS-F-44244		Rutstroemiaceae	Rutstroemiaceae	GenBank LC425046
AB926069	Lambertella cornimaris	TNS-F-40083	TypeSpecies	Rutstroemiaceae	Rutstroemiaceae	
D1109	Lambertella corni-maris	ICMP 22852	TypeSpecies	Rutstroemiaceae	Rutstroemiaceae	GenBank MH921865
AB926081	Lambertella pyrolae	TNS-F-40132		Rutstroemiaceae	Rutstroemiaceae	
KF545329	Lambertella subrenispora	CBS 811.85		Rutstroemiaceae	Rutstroemiaceae	
AY755334	Lanzia allantospora	ICMP 22836		Rutstroemiaceae	Rutstroemiaceae	
MH137197	Lanzia griseliniae	ICMP 20108		Rutstroemiaceae	Rutstroemiaceae	
MH578497	'Lanzia' ovispora	ICMP 22804				
KX228287	Lareunionomyces syzygii	CPC 26531	exTypeSpecimen	Neolauriomycetaceae (2)	Helotiales pezizelloid clade	
AB481284	Lasiobelonium loniceriae	FC 2270		Lachnaceae	Lachnaceae	
NR_137151	Lauriomycetes bellulus	CBS 517.93		Lauriomycetaceae	Lauriomycetaceae	
NR_155326	Lauriomycetes cylindricus	BCC 18576		Lauriomycetaceae	Lauriomycetaceae	
NR_155327	Lauriomycetes ellipticus	BCC 4007		Lauriomycetaceae	Lauriomycetaceae	
KX649976	'Lauriomycetes' sakaeratensis	SFC 01642				
CCM_F21799	Lemoniera aquatica	CCM F-21799	TypeSpecies	incertae sedis	Discinella-Pezoloma lineage	GenBank MK226460
NR_121306	Leohumicola verrucosa	CBS 115880	exTypeSpecimen	Leotiomyces incertae sedis (2)	Stamnaria lineage/Han Clade 9	
EU784369	Leotia lubrica	K(M)67114	Type Species	Leotiaceae	Leotiaceae	
DQ491484	Leotia lubrica	OSC 100001	TypeSpecies	Leotiaceae	Leotiaceae	
AY129285	Leptodontidium elatius	CBS 329.53	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiales - Han Clade 4	
AY354250	Leptodontidium elatius	olrim127_1		Helotiales incertae sedis (2)	Helotiales - Han Clade 4	
DQ069032	'Leptodontidium' orchidicola	aurim605				
MG597459	Leptodontidium sp.	isolate 0242		Helotiales incertae sedis (2)	Helotiales - Han Clade 4	
KY031672	'Leptodontidium' sp.	MR80				

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
KF049206	<i>Leuconeuropa pulcherrima</i>	AFTOL-ID 1397	exTypeSpecimen	Pseudeurotiaceae	Pseudeurotiaceae	
JX270336	<i>Leuconeuropa sp</i>	01NH01		Pseudeurotiaceae	Pseudeurotiaceae	
R870	<i>Lophodermium agathidis</i>	ICMP 17348		Rhytismataceae	Rhytismataceae	GenBank MH921866
KF727414	<i>Lophodermium conigenum</i>	PDD 103381		Rhytismataceae	Rhytismataceae	
EF191235	<i>Lophodermium eucalypti</i>	ICMP 16796		Rhytismataceae	Rhytismataceae	
MH578524	<i>Lophodermium hauturuuanum</i>	PDD 112227		Rhytismataceae	Rhytismataceae	
MH578540	<i>Lophodermium rectangulare</i>	PDD 112235		Rhytismataceae	Rhytismataceae	
R927	<i>Lophodermium tindalii</i>	ICMP 17357		Rhytismataceae	Rhytismataceae	GenBank MH921867
NR_138379	<i>Loramycetes macrosporus</i>	CBS 235.53		Loramycetaceae	Mollisiaceae	JGI genome also available for this specimen
KP984784	<i>Macroskyttea parmotrematis</i>	UGDA	exTypeSpecimen	Helotiales incertae sedis (2)	Cordieritidaceae	
MH037296	<i>Malbranchea flavorosea</i>	ATCC 34529		Myxotrichaceae	Myxotrichaceae	
Marbr1	<i>Marssonina brunnea</i>	Marbr1		Drepanopezizaceae	Drepanopezizaceae	ITS extracted from JGI genome
Au97_130	<i>Marthamycetes barbatus</i>	ICMP 22853		Marthamycetaceae	Marthamycetaceae	GenBank MH921868
MH682228	<i>Marthamycetes dracophylli</i>	ICMP 22838		Marthamycetaceae	Marthamycetaceae	
Au97_123	<i>Marthamycetes emarginatus</i>	ICMP 22854	TypeSpecies	Marthamycetaceae	Marthamycetaceae	GenBank MH921869; ex <i>Eucalyptus</i> Australia; type substrate
Au96_140	<i>Marthamycetes gilvus</i>	ICMP 22855		Marthamycetaceae	Marthamycetaceae	GenBank MH921870
MH682227	<i>Marthamycetes sp.</i>	ICMP 17398		Marthamycetaceae	Marthamycetaceae	ex <i>Metrosideros</i> , New Zealand
NR_126150	<i>Mastigosporium album</i>	CBS 138013	exTypeSpecimen	Ascomycota incertae sedis (2)	Ploettnerulaceae	
GQ406809	<i>Medeolaria farlowii</i>	DHP 07-637	Type Species	Medeolariaceae	Medeolariaceae	
Melb2	<i>Meliniomyces bicolor</i>	Melb2		Hyaloscyphaceae	Hyaloscyphaceae	ITS extracted from JGI genome
Melva1	<i>Meliniomyces variabilis</i>	Melva1	TypeSpecies	Hyaloscyphaceae	Hyaloscyphaceae	ITS extracted from JGI genome
NR_121313	<i>Meliniomyces variabilis</i>	UAMH 8861	exTypeSpecimen	Hyaloscyphaceae	Hyaloscyphaceae	
KY485137	<i>Meloderma desmazierii</i>	DAOM 89807	Type Species	Rhytismataceae	Rhytismataceae	
R239	' <i>Meloderma</i> ' <i>dracophylli</i>	ICMP 17343		Rhytismataceae	Rhytismataceae	GenBank MH921871
KT225534	<i>Meria laricis</i>	CBS 298.52	TypeSpecies	Cenangiaceae	Cenangiaceae	
EU784373	<i>Microglossum olivaceum</i>	K(M)135599	TypeSpecies	Leotiaceae	Leotiaceae	
KL220	<i>Microglossum olivaceum</i>	TU 101778	TypeSpecies	Leotiaceae	Leotiaceae	GenBank MH752066
JN033418	<i>Microscypha ellisii</i>	KUS F52489		Pezizellaceae	Pezizellaceae	
KC834064	<i>Miniancora allisoniensis</i>	CCM F-30487	exTypeSpecimen	Ascomycota incertae sedis (2)	Leotiales incertae sedis	
AY789282	<i>Mitrlula borealis</i>	DAOM 160731		Mitrlulaceae	Mitrlulaceae	
AY789434	<i>Mitrlula elegans</i>	DMWV04-78		Mitrlulaceae	Mitrlulaceae	
AY789281	<i>Mitrlula lunulatospora</i>	DAOM 160732		Mitrlulaceae	Mitrlulaceae	
AY789424	<i>Mitrlula paludosa</i>	MBH 50636	TypeSpecies	Mitrlulaceae	Mitrlulaceae	
KX273438	<i>Mitrlulinia ushuaiae</i>	PDD 105643	Type Species	Helotiales incertae sedis	Helotiaceae	
KX273437	<i>Mitrlulinia ushuaiae</i>	PDD 107564	Type Species	Helotiales incertae sedis	Helotiaceae	
KU668566	<i>Moellerodiscus lentus</i>	HMAS 275557		Rutstroemiaceae	Rutstroemiaceae	
AB926078	<i>Moellerodiscus pinicola</i>	TNS-F-40115		Rutstroemiaceae	Rutstroemiaceae	
M_ame_Hosoya	' <i>Mollisia</i> ' <i>amenticola</i>	TNS-F-30411		Mollisiaceae		GenBank LC425041
DQ491498	<i>Mollisia cinerea</i>	OSC 100029	TypeSpecies	Mollisiaceae	Mollisiaceae	
HM116746	' <i>Mollisia</i> ' <i>dextrinospora</i>	ICMP 18083				
AY259138	<i>Mollisia fusca</i>	CBS 234.71		Mollisiaceae	Mollisiaceae	
AY259137	' <i>Mollisia fusca</i> '	CBS 486.48				
MG195562	' <i>Mollisia sp.</i> '	ICMP 21729				
JN033404	' <i>Mollisia</i> ' <i>uncinata</i>	KUS F52307				
Z73778	<i>Monilinia fructicola</i>	LMK125	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
AH009124	<i>Mycosclerostroma corallinum</i>	Landvik	exTypeSpecimen	Hyaloscyphaceae (2)	Stamnaria lineage/Han Clade 9	
AB469683	<i>Mycosclerostroma gentianae</i>	MAFF 239231		Ploettnerulaceae	Ploettnerulaceae	
KC834065	<i>Mycosclerostroma calcarata</i>	CCM F-10289	exTypeSpecimen	incertae sedis	Helotiaceae	
AB254177	<i>Mycopappus alni</i>	CBS 893.85	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
NR_137807	<i>Mycosymbiocytes mycenophila</i>	OSC 148294	exTypeSpecimen	Leotiomyces incertae sedis (2)	Leotiales incertae sedis	
JX219379	<i>Myriodiscus sparassoides</i>	KKUK1	TypeSpecies	Tympanidaceae	Tympanidaceae	
LMK759	<i>Myriosclerotinia curryana</i>	NCBI Genome		Sclerotiniaceae	Sclerotiniaceae	ITS extracted from NCBI genome
LMK746	<i>Myriosclerotinia duriaeana</i>	NCBI Genome		Sclerotiniaceae	Sclerotiniaceae	ITS extracted from NCBI genome
LMK735	<i>Myriosclerotinia scirpicola</i>	NCBI Genome	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	ITS extracted from NCBI genome
NR_119412	<i>Myxoccephala albida</i>	CBS 962.87	exTypeSpecimen	Sordariomycetes (2)	Helotiales incertae sedis	
AF062813	<i>Myxotrichum chartarum</i>	UAMH 1997	Type Species	Myxotrichaceae	Myxotrichaceae	
Bills_F267_639	<i>Naemacyclus fimbriatus</i>	Gerald Bills F267-639	TypeSpecies	Marthamycetaceae	Marthamycetaceae	ITS available from ITS alignment, MWLR DataStore

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
AY853224	<i>Naevala minutissima</i>	CBS 115934	TypeSpecies	Calloriaceae	Discinella-Pezoloma lineage	
HM116779	<i>Neobulgaria alba</i>	ICMP 18395		Gelatinodiscaceae	Gelatinodiscaceae	MWLR genome also available for this specimen
DQ257366	<i>Neobulgaria pura</i>	CUP 063609	Type Species	Gelatinodiscaceae	Gelatinodiscaceae	
NR_156388	Neocrinula lambertiae	CBS 143423		Neocrinulaceae (2)	Neocrinulaceae	
KY173412	Neocrinula xanthorrhoeae	CPC 29474	exTypeSpecimen	Neocrinulaceae (2)	Neocrinulaceae	
KY173414	Neocrinula xanthorrhoeae	CPC 29474	TypeSpecies	Neocrinulaceae (2)	Neocrinulaceae	
NR_121301	Neocudoniella radicella	UAMH 5794		Gelatinodiscaceae	Bryoglossum lineage	
MH578547	Neodasyscypha cerina	ICMP 22829		Lachnaceae	Lachnaceae	
U57812	Neodasyscypha cerina	JHH3916 NYS	Type Species	Lachnaceae	Lachnaceae	
NR_144926	Neofabraea malicorticis	CBS 102863	exTypeSpecimen	Dermateaceae	Dermateaceae	neotype
LC228670	Nervostroma depraedans	JCM 14252	exTypeSpecimen	Sclerotiniaceae	Sclerotiniaceae	
JF412009	Oculimacula yallundae	CBS 494.80	TypeSpecies	Ploettnerulaceae	Ploettnerulaceae	
NR_111035	Oidiendron fuscum	UAMH 8511	exTypeSpecimen	Myxotrichaceae	Myxotrichaceae	
Oidma1	Oidiendron maius	JGI Genome		Myxotrichaceae	Myxotrichaceae	ITS extracted from JGI genome
JN033380	Olla millepunctata	CBS 100302		Hyaloscyphaceae	Hyaloscyphaceae	
HQ533049	Orbiliopsis callistea	PDD 97932		Helotiales incertae sedis	Helotiales incertae sedis	
Z73797	Ovulinia azaleae	ATCC 1189	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
KC833168	Pachycudonia constrictospora	C307	TypeSpecies	Cudoniaceae	Cudoniaceae	
NR_132835	Parafabraea eucalypti	CBS 124810	exTypeSpecimen	Dermateaceae	Dermateaceae	
KT876978	Patinella hyalophaea	Baral HB9739	TypeSpecies	Helotiales incertae sedis	Leotiomyces incertae sedis	
U57988	Perrotia flammea	JHH4497 NYS	Type Species	Lachnaceae	Lachnaceae	
NR_144927	Pezicula carpineae	CBS 923.96	exTypeSpecimen	Dermateaceae	Dermateaceae	epitype
D1095	Pezicula sp.	ICMP 22856		Dermateaceae	Dermateaceae	GenBank MH921872; on Nothofagus
KJ559546	'Pezizella' epithallina	TU 39378				assumed to be misnamed, in Han Clade 9
MH578481	Pezizellaceae sp Phormium	PDD 111530				
MH578459	Pezizellaceae sp.	ICMP 22770				
MH682232	Pezizellaceae sp.	ICMP 22537				
MH578465	Pezizellaceae sp. Collospermum	ICMP 22776				
MH578469	Pezizellaceae sp. Knightia	ICMP 22780				
MH578474	Pezizellaceae sp. Nothofagus leaf	ICMP 22785				
MH578482	Pezizellaceae sp. on Cortaderia	PDD 111531				
KC412000	Pezoloma ciliifera	F265954		Discinella-Pezoloma lineage	Discinella-Pezoloma lineage	
KJ663841	Phacidium lacerum	AFTOL-ID 1253		Phacidiaceae	Phacidiaceae	
NR_145381	Phacidium lauri	CBS 308.68	exTypeSpecimen	Phacidiaceae	Phacidiaceae	epitype
D2457	Phaeohelotium confusum	PDD 112244		Helotiaceae	Helotiaceae	GenBank MH921873
KT876976	Phaeohelotium epiphyllum	Baral HB9911		Helotiaceae	Helotiaceae	
AB926061	Phaeohelotium epiphyllum	TNS-F-40042		Helotiaceae	Helotiaceae	
KC411992	Phaeohelotium geogenum	Baral HB7222A		Helotiaceae	Helotiaceae	
KC411991	Phaeohelotium monticola	Baral HB8612	TypeSpecies	Helotiaceae	Helotiaceae	
KC411988	Phaeohelotium undulatum	AH7337		Helotiaceae	Helotiaceae	
JN033424	Phialina lachnibrachyoides	KUS F52576		Pezizellaceae	Pezizellaceae	
MG195534	Phialocephala bamuru	PDD 56863		Mollisiaceae	Mollisiaceae	
NR_135931	Phialocephala dimorphospora	CBS 300.62	exTypeSpecimen	Mollisiaceae	Mollisiaceae	
MG195479	Phialocephala oblonga	PDD 58596		Mollisiaceae	Mollisiaceae	
NR_111319	Phialocephala piceae	UAMH 10851	exTypeSpecimen	Mollisiaceae	Mollisiaceae	
Phisc1	Phialocephala scopiformis	JGI Genome		Mollisiaceae	Mollisiaceae	ITS extracted from JGI genome
MG195462	Phialocephala sp.	ICMP 21725		Mollisiaceae	Mollisiaceae	
PRJEB12348	Phialocephala subalpina	UAMH11012		Mollisiaceae	Mollisiaceae	ITS extracted from NCBI genome
KR859275	Phlyctema vagabunda	CBS 109875	TypeSpecies	Dermateaceae	Dermateaceae	
LT158483	Piceomphale bulgarioides	TAAM 165289	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
NR_119500	Pilidium acerinum	BPI 843555	exTypeSpecimen	Chaetomellaceae	Chaetomellaceae	epitype
KM677205	'Pirotaea' palmicola	ICMP 13383				MWLR genome also available for this isolate
KJ755519	Pleuroascus nicholsonii	CBS 345.73	TypeSpecies	Pseudeurotiaceae	Helotiaceae	
AB904505	Poculum pseudosydowianum	TNS-F-40071		Rutstroemiaceae	Rutstroemiaceae	
AY775056	Polydesmia pruinosa	CBS 160.92	TypeSpecies	Helotiales incertae sedis	Helotiales sclerotinioid clade	as Brefeldochium pruinosa (anamorph of P. pruinosa)
JN033453	Polydesmia pruinosa	TNS-F-12764	TypeSpecies	Helotiales incertae sedis	Helotiales sclerotinioid clade	
MG179690	Polyphilus sieberi	TT3B	TypeSpecies	Hyaloscyphaceae	Stamnaria lineage/Han Clade 9	



Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
MH327809	Porodiplodia livistonae	CBS 144428	exTypeSpecimen	Porodiplodiaceae (2)	Pezizellaceae	
DQ491510	Potebniamyces pyri	AFTOL-ID 744	TypeSpecies	Phacidiaceae	Phacidiaceae	
U57990	Proliferodiscus alboviridis	Cantrell GA34	TypeSpecies	Lachnaceae	Lachnaceae	
MH682231	Proliferodiscus dingleyae	ICMP 21730		Lachnaceae	Lachnaceae	
MH682229	Propolis farinosus	ICMP 17354		Marthamycetaceae	Marthamycetaceae	
JQ256425	Propolis versicolor	ILLS 60497		Marthamycetaceae	Marthamycetaceae	
EF029224	Pseudaegerita corticalis	ICMP 15324	TypeSpecies	Hyaloscyphaceae	Hyaloscyphaceae	
EF029235	'Pseudaegerita' viridis	ICMP 15542				
NR_111127	Pseudeurotium zonatum	CBS 329.36	exTypeSpecimen	Pseudeurotiaceae	Pseudeurotiaceae	AFTOL-ID 1912
KR859280	Pseudofabraea citricarpa	CBS 130532	exTypeSpecimen	Dermateaceae	Dermateaceae	
Pseel	Pseudographis elatina	CBS 651.97	TypeSpecies	Tribliaceae	Rhytismataceae	ITS extracted from JGI genome
Pseudest	Pseudogymnoascus destructans	JGI Genome		Pseudeurotiaceae	Pseudeurotiaceae	ITS extracted from JGI genome
KJ755524	Pseudogymnoascus roseus	UAMH 1990	TypeSpecies	Pseudeurotiaceae	Pseudeurotiaceae	
MG385670	Pseudopeziza tetraspora	ATCC 6229	TypeSpecies	cf Drepanopezizaceae	Discinella-Pezoloma lineage	
D2527	'Pseudopeziza' colensoi	PDD 112240				GenBank MH921874
EU729125	Pseudopeziza medicaginis	Ap1		Drepanopezizaceae	Drepanopezizaceae	
KJ663860	Pseudophacidium ledi	CBS 377.59	TypeSpecies	Phacidiaceae	Phacidiaceae	
JN033396	Psilachnum staphyleae	KUS F52105		Pezizellaceae	Stamnaria lineage/Han Clade 9	
JX001640	Psychrophila antarctica	MMW-2013a isolate 92	exTypeSpecimen	Helotiaceae (2)	Helotiales incertae sedis	sister to Arachnopezizaceae in ITS tree, but support needs confirming with additional genes
KF859927	Pycnopeziza sympodialis	CBS 332.39	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	
MF143627	Pyrenopeziza brassicae	Cyc029a		Ploettnerulaceae	Ploettnerulaceae	
MF187547	Pyrenopeziza brassicae	PC18		Ploettnerulaceae	Ploettnerulaceae	
P_pro_Hosoya	'Pyrenopeziza' protrusa	TNS-F-23154				GenBank LC426322
AJ430224	'Pyrenopeziza' revincta	ARON3150.P				
JN033413	'Pyrenopeziza' sp.	KUS F52417				
MF593628	'Pyrenopeziza' velebitica	CNF 2 10097				
AF462422	Rhabdocline pseudotsugae	RPPWA29	Type Species	Cenangiaceae	Cenangiaceae	
NR_111086	Rhexocerosporidium carotae	CBS 418.65	exTypeSpecimen	Ploettnerulaceae	Ploettnerulaceae	
Rhesp1	Rhexocerosporidium sp.	MPI-PUGE-AT-0058		Ploettnerulaceae	Ploettnerulaceae	ITS extracted from JGI genome
NR_145279	Rhizocladosporium argillaceum	CBS 241.67	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiales incertae sedis	
NR_137757	Rhizodermea veluwensis	CBS 110605	exTypeSpecimen	Dermateaceae	Dermateaceae	
NR_111110	Rhizoscyphus ericae	UAMH 6735	exTypeSpecimen	Hyaloscyphaceae	Hyaloscyphaceae	
JN033414	'Rodwayella' citrinula	KUS F52443		Pezizellaceae		
KT876974	Rodwayella sessilis	Baral HB9913	TypeSpecies	Pezizellaceae	Pezizellaceae	
EF060298	Roesleria subterranea	CBS 407.51	TypeSpecies	Roesleriaceae	Helotiaceae	
R_sub_Hosoya	Roesleria subterranea	TNS-F-38701	TypeSpecies	Roesleriaceae	Helotiaceae	GenBank AB628057
KT958773	Rommelaarsia flavovirens	Baral HB9951b	exTypeSpecimen	Helotiales incertae sedis (2)	Stamnaria lineage/Han Clade 9	
KT972711	'Roseodiscus' formosus	FH (SBRH 686)				
DH257	Roseodiscus rhodoleucus	HB 8488a	TypeSpecies	incertae sedis	Stamnaria lineage/Han Clade 9	GenBank KT972704
AB926053	Rutstroemia bulgarioides	TNS-F-40005		Rutstroemiaceae	Rutstroemiaceae	
KF545321	Rutstroemia echinophila	CBS 111548		Rutstroemiaceae	Rutstroemiaceae	
KF545334	Rutstroemia firma	AFTOL-ID 923	TypeSpecies	Rutstroemiaceae	Rutstroemiaceae	
KF545331	Rutstroemia sydowiana	CBS 115975		Rutstroemiaceae	Rutstroemiaceae	
LT158423	Rutstroemia tiliacea	TAAM 132844		Rutstroemiaceae	Rutstroemiaceae	
NR_137991	Sabahrriopsis eucalypti	CPC 24957	exTypeSpecimen	Helotiales incertae sedis (2)	Cordieritidaceae	
AY590786	Sarea difformis	olrim59	Type Species			
DQ195784	Satchmopsis brasiliensis	CBS 420.93	TypeSpecies	Pezizomycotina incertae sedis (2)	Leotiales incertae sedis	
DQ195786	Satchmopsis brasiliensis	CPC 11017	TypeSpecies	Pezizomycotina incertae sedis (2)	Leotiales incertae sedis	
LT158464	'Sclerencoelia' fascicularis	TU 104508				
AY789408	Scleromitrla shiraiana	Hirayama062001	TypeSpecies	Sclerotiniaceae	Rutstroemiaceae	
Z81448	Scleromitrla spiraeicola	strain 1336.1	Type Species	Sclerotiniaceae	Rutstroemiaceae	
AF141169	Scleropezicula alnicola	CBS 474.97	TypeSpecies	Pezizellaceae	Pezizellaceae	
Scisc	Sclerotinia sclerotiorum	ATCC 18683	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	ITS extracted from JGI genome
KF859932	Sclerotinia sclerotiorum	DAOM 241671	Type Species	Sclerotiniaceae	Sclerotiniaceae	
IHIA52	Scytalidium lignicola	DSM 105466		Leotiomycetes incertae sedis (2)	Helotiales incertae sedis	ITS extracted from NCBI genome
NR_121314	Scytalidium lignicola	UAMH 1502	exTypeSpecimen	Leotiomycetes incertae sedis (2)	Helotiales incertae sedis	

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
U57991	Solenopezia solenia	JHH4169 NYS	Type Species	Lachnaceae	Lachnaceae	
JX124327	Soosiella minima	MH-2012 strain 1230	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiales - Han Clade 4	
Spaf1	Spathularia flavida	Spaf1	TypeSpecies	Cudoniaceae	Cudoniaceae	ITS extracted from JGI genome
AF433155	Spathularia flavida	wz95	Type Species	Cudoniaceae	Cudoniaceae	
NR_119916	Sphaerographium nyssicola	CBS 128284		Chaetomellaceae	Chaetomellaceae	
HQ696658	Spirosphaera floriformis	CBS 402.52	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiaceae	
KT972707	Stamnaria americana	D. Haelew. 258a		Stamnaria lineage	Stamnaria lineage/Han Clade 9	
MG662189	Stamnaria americana	D. Haelew. 941d		Stamnaria lineage	Stamnaria lineage/Han Clade 9	
KT972708	Stamnaria austriaca	940a		Stamnaria lineage	Stamnaria lineage/Han Clade 9	
MG662201	Stamnaria persooni	D. Haelew. 671a		Stamnaria lineage	Stamnaria lineage/Han Clade 9	
MG662203	Stamnaria yugrana	D. Haelew. 603a		Stamnaria lineage	Stamnaria lineage/Han Clade 9	
AY818330	Streptobotrys streptothrix	DAOM 37579	Type Species	Sclerotiniaceae		as Streptobotrys streptothrix
Z73801	Stromatinia rapulum	strain 1243.1	Type Species	Sclerotiniaceae	Sclerotiniaceae	
S_bak_Hosoya	Strossmayeria bakeriana	TNS-F-11199		Strossmayeria lineage	Strossmayeria lineage	GenBank LC425043
KT876977	Strossmayeria basitricha	Baral HB9904b		Strossmayeria lineage	Strossmayeria lineage	
KY462386	Strossmayeria sp.	DHP-CH-108		Strossmayeria lineage	Strossmayeria lineage	
JX989830	Synchaetomella acerina	DAOM 242271		Chaetomellaceae	Chaetomellaceae	
T_fusc_Hosoya	Tapesia fusca	TNS-F-17463	TypeSpecies	Mollisiaceae	Mollisiaceae	GenBank LC425049
AY129291	Teberdina hygrophila	CBS 102670	exTypeSpecimen	Pseudeurotiaceae	Pseudeurotiaceae	
AY100665	Terriera minus	ICMP 13974		Rhytismataceae	Rhytismataceae	
KC834066	Tetrachaetum elegans	CBM11	TypeSpecies	Ascomycota incertae sedis (2)	Discinella-Pezoloma lineage	
JX029109	Tetracladium globosum	isolate 215		Helotiales incertae sedis	Stamnaria lineage/Han Clade 9	
CCM_F26199	Tetracladium marchalianum	CCM F-26199	TypeSpecies	Helotiales incertae sedis	Stamnaria lineage/Han Clade 9	GenBank AY204621
EU883424	Tetracladium palmatum	CCM F-10001		Helotiales incertae sedis	Stamnaria lineage/Han Clade 9	
KJ559535	Thamnogalla crombiei	Diederich 17553	Type Species	Cordieritidaceae	Cordieritidaceae	
GU269839	Thedgonia ligustrina	CBS 132025	TypeSpecies	Drepanopezizaceae	Drepanopezizaceae	
FJ839630	Thedgonia ligustrina	CPC 14754	Type Species	Drepanopezizaceae	Drepanopezizaceae	
Thest1	Thelebolus stercoreus	Thest1	Type Species	Thelebolaceae	Thelebolaceae	ITS extracted from JGI genome
JQ256427	Thuemenidium atropurpureum	ILLS 61044		Leotiaceae	Leotiaceae	
NR_132907	Tiarosporella paludosa	CPC 22701	exTypeSpecimen	Phacidiaeeae	Leotiomyces incertae sedis	epitype
KC412008	Torrendiella ciliata	F132996	TypeSpecies	Rutstroemiaceae	Rutstroemiaceae	
JN033398	Trichopeziza sulphurea	KUS F52218	TypeSpecies	Lachnaceae	Lachnaceae	
U57813	Trichopezizella nidulus	JHH4485 NYS	Type Species	Lachnaceae	Lachnaceae	
T_ota_Hosoya	Trichopezizella otanii	FC-2156, TNS-F-16579		Lachnaceae	Lachnaceae	GenBank AB481287
JQ417289	'Tricladium' kelleri	CBS 130985				
KC834068	Tricladium obesum	CCM F-14598		Helotiaceae (2)	Helotiaceae	
AY204635	Tricladium splendens	CCM F-16599	TypeSpecies	Helotiaceae (2)	Helotiaceae	
EU019300	Trimmatostroma salicis	CPC 13571	TypeSpecies	Mollisiaceae	Mollisiaceae	
LT158459	Trochila ilicina	BPI 877264		Cenangiaceae	Cenangiaceae	
LT158460	Trochila laurocerasi	BPI 879818		Cenangiaceae	Cenangiaceae	
KY657581	Tromeropsis microtheca	Baral HB10054	TypeSpecies	Leotiomyces incertae sedis	Leotiomyces incertae sedis	
FN868463	Tryblidiopsis pinastri	BLE11	TypeSpecies	Rhytismataceae	Rhytismataceae	
JF793678	Tryblidiopsis pinastri	CBS 445.71	TypeSpecies	Rhytismataceae	Rhytismataceae	
LQH8c	Tympanis confusa	Farlow (LQH8c)		Tympanidaceae	Tympanidaceae	GenBank MH810146
AA1a	Tympanis tsugae	Farlow (AA1a)		Tympanidaceae	Tympanidaceae	GenBank MH810147
HG326612	Unguicularia unguiculata	NK322	TypeSpecies	Hyaloscyphaceae	Helotiales incertae sedis	
JN033443	Urceolella carestiana	TNS-F-18014		Hyaloscyphaceae	Stamnaria lineage/Han Clade 9	
JN033379	Urceolella crispula	KACC 45486	Type Species	Hyaloscyphaceae	Stamnaria lineage/Han Clade 9	
KF212190	Valdensinia heterodoxa	Val5	Type Species	Sclerotiniaceae	Sclerotiniaceae	
LT904725	Vandijckella johannae	CBS 143182	exTypeSpecimen	Vandijckellaceae (2)	Vandijckellaceae	
CCM_F19494	'Varicosporium' delicatum	CCM F-19494, CBS 574.95				GenBank JQ412864
DQ202517	Varicosporium elodeae	CBS 541.92	TypeSpecies	Helotiaceae (2)	Discinella-Pezoloma lineage	
CCM_F04276	Varicosporium elodeae	CCM F-04276	TypeSpecies	Helotiaceae (2)	Discinella-Pezoloma lineage	GenBank MK226459
NR_111206	Variocladium giganteum	CBS 508.71		Helotiaceae (2)	Mollisiaceae	
LT158421	Velutarina alpestris	Baral HB8252a		Cenangiaceae	Cenangiaceae	
JN033447	Venturiocistella japonica	TNS-F-18030		Hyaloscyphaceae	Helotiales - Han Clade 4	
VCU21826	Verpatinia calthicola	LMK448	TypeSpecies	Sclerotiniaceae	Sclerotiniaceae	

Genbank accession or code	Species	Voucher	Type status of specimen (3)	Family (1, 2)	Accepted family	Notes
EU434854	Vibrisea truncorum	AFTOL-ID 1322	TypeSpecies	Vibriseaceae	Vibriseaceae	
EU434855	Vibrisea truncorum	CBS 143.92	TypeSpecies	Vibriseaceae	Vibriseaceae	
KF429257	Vibrisea wood in stream	ICMP 19442		Vibriseaceae	Vibriseaceae	
HQ599580	Xenopolyscytalum pinea	CPC 14225	exTypeSpecimen	Helotiales incertae sedis (2)	Pezizellaceae	
JX454953	Xerombrophila crystallifera	CBS 128289	exTypeSpecimen	Gelatinodiscaceae	Gelatinodiscaceae	
LT158441	Xeropilidium dennisii	TU 104501	exTypeSpecimen	Chaetomellaceae	Chaetomellaceae	
GQ272624	Xylogone sphaerospora	ATCC 34392	exTypeSpecimen	Helotiales incertae sedis (2)	Helotiales incertae sedis	