

Supplementary Table S2: Taxonomical classification and lifestyle annotation of the OTUs resulted from Pyrosequencing. OTUs with the same name were grouped in this table (see “according OTU_IDs”. This Supplementary has an own Reference section.

Phylum	Class	Order	Family	Genus	Species	according OTU_IDs	Lifestyle	Literature
Ascomycota	Archaeorhizomycetes	Archaeorhizomycetales	unidentified	unidentified	Archaeorhizomycetales sp	7179; 9699; 9919	saprophytic	(“Research News” 2012)
Ascomycota	Dothideomycetes	Botryosphaeriales	Botryosphaeriaceae	Botryosphaeria	Botryosphaeria dothidea	6040	plant pathogen	(Slippers <i>et al.</i> 2004)
Ascomycota	Dothideomycetes	Botryosphaeriales	Botryosphaeriaceae	Neofusicoccum	Neofusicoccum australe	10138	plant pathogen	(McDonald <i>et al.</i> 2009)
Ascomycota	Dothideomycetes	Capnodiales	Antennulariaceae	Heteroconium	Heteroconium sp 115	1423; 4505	endophyte	(Addy <i>et al.</i> 2005)
Ascomycota	Dothideomycetes	Capnodiales	Davidiellaceae	Cladosporium	Cladosporium sp UFMGCB 3569	4496	saprophytic	(Braun <i>et al.</i> 2003)
Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	Passalora	Passalora sp CPC 11147	9103	plant pathogen	(Medeiros & Dianese 1994)
Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	Pseudocercospora	Pseudocercospora griseola f mesoamericana	2212	plant pathogen	(Crous <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	Ramichloridium	Ramichloridium anceps	3742	unknown (plant pathogen)	
Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	unidentified	Mycosphaerellaceae sp SD	4477; 9457	unknown (plant pathogen)	(Baayen <i>et al.</i> 2002; Kiss 2003; Thomma <i>et al.</i> 2005; Simon & Weiß 2008)
Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	Xenostigmina	Xenostigmina zilleri	6813	plant pathogen	(Blaalid <i>et al.</i> 2012; Crous <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Capnodiales	unidentified	unidentified	Capnodiales sp	804; 805	saprophytic	(Arzanlou <i>et al.</i> 2007)
Ascomycota	Dothideomycetes	Capnodiales	unidentified	unidentified	uncultured Devriesia	6839	unknown	
Ascomycota	Dothideomycetes	Dothideales	Dothioraceae	Aureobasidium	Aureobasidium pullulans	9433	endophyte	(Pugh & Buckley 1971)
Ascomycota	Dothideomycetes	Dothideales	Dothioraceae	Sydowia	Sydowia sp	5650	unknown	
Ascomycota	Dothideomycetes	Hysteriales	Gloniaceae	Cenococcum	Cenococcum geophilum	122; 969; 2064; 2316; 2929; 3790; 8198; 8494; 10024	EM	http://www.uni-goettingen.de/de/97286.html http://www.deemy.de/ (Barroetaveña <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010)
Ascomycota	Dothideomycetes	Hysteriales	Gloniaceae	Cenococcum	Cenococcum sp	409; 1644; 2928; 3307;	EM	(Tedersoo <i>et al.</i> 2010)

Ascomycota	Dothideomycetes	Hysteriales	Gloniaceae	Cenococcum	uncultured Cenococcum	3788; 6500 71; 72; 74; 515; 614; 681; 970; 1301; 1313; 1524; 1867; 2475; 2590; 2715; 3005; 3186; 3888; 4176; 4328; 4702; 5046; 5096; 5427; 5551; 5848; 6251; 6982; 7192; 7281; 7288; 7290; 7328; 7494; 7541; 7589; 7889; 8354; 9118; 9647; 9996; 10237	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Dothideomycetes	Hysteriales	Gloniaceae	unidentified	Gloniaceae sp	9237	unknown	
Ascomycota	Dothideomycetes	Incertae sedis	Incertae sedis	Minutisphaera	Minutisphaera sp G156	7141	unknown	
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Gymnostellatosp ora	Gymnostellatospora sp	173	saprophytic	(Sigler <i>et al.</i> 2000)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Gymnostellatosp ora	Gymnostellatospora sp SL0219	3780; 4242	saprophytic	(Sigler <i>et al.</i> 2000)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron flavum	5390; 8776	Endosymbi otic or ericoid mycorrhiza	(Dalpé 1986)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron maius	1274; 1515; 3618; 4070; 4511; 4681; 5094; 10130	unclear ,most probably ericoid mycorrhiza	(Martino <i>et al.</i> 2002; Rice & Currah 2006)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron muniellensis	3169; 5927	saprophytic or unclear ,most	

Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron sp	64; 1569; 1578; 6421; 7392; 7500; 8359; 9121; 9612; 10348	probably ericoid mycorrhiza or endophyte saprophytic or unclear ,most probably ericoid mycorrhiza or endophyte	(Rice & Currah 2005)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron sp shylm118	6367	maybe ericoid Myk	(Dalpé 1986)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron tenuissimum	203; 5679; 7831; 9202	saprophytic	(Dalpé 1986; Hambleton <i>et al.</i> 1998; Sigler & Gibas 2005)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	Oidiodendron	Oidiodendron truncatum	8844	saprophytic	(Sigler & Gibas 2005)
Ascomycota	Dothideomycetes	Incertae sedis	Myxotrichaceae	unidentified	uncultured Oidiodendron	113; 429; 1439; 4854; 5001; 5501; 5503; 6417	saprophytic or unclear ,most probably ericoid mycorrhiza or endophyte	(Rice & Currah 2005)
Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	Leuconeurospor a	Leuconeurospora sp	5277	unknown	
Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	Pseudeurotium	Pseudeurotium sp	7248	unknown (or plant pathogen)	(Sogonov <i>et al.</i> 2005)
Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	Pseudogymnoas cus	Pseudogymnoascus pannorum	170; 609; 1983; 3157; 4168; 4962; 7421; 7748	saprophytic	(Marshall 1998; Vohník <i>et al.</i> 2007)
Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	Pseudogymnoas cus	Pseudogymnoascus sp	611; 8097	unknown	http://www.indexfungorum.org/names/NamesRecord.asp?RecordID=513275 ; Synonym to Geomyces;

Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	Pseudogymnoascus	Pseudogymnoascus sp BL549	7676	unknown	(Lorch <i>et al.</i> 2011) http://www.indexfungorum.org/names/NamesRecord.asp?RecordID=513275 ; Synonym to Geomyces; (Lorch <i>et al.</i> 2011)
Ascomycota	Dothideomycetes	Incertae sedis	Pseudeurotiaceae	unidentified	Pseudeurotiaceae sp	10231	unknown	
Ascomycota	Dothideomycetes	Incertae sedis	Roesleriaceae	Roesleria	Roesleria sp	354; 1372; 3427; 4215; 5016; 5274; 7120; 7698; 10226	plant pathogen	(Dubos 1999; Miles & Schilder 2009)
Ascomycota	Dothideomycetes	Pleosporales	Corynesporascaceae	Corynespora	Corynespora smithii	2672	saprophytic	http://eol.org/pages/1005615/details
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Berkleasmium	Berkleasmium sp X18	8303	endophyte	(Boonsom Bussabant 2001)
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Dictyosporium	Dictyosporium toruloides	3636	unknown	http://www.marinespecies.org/aphia.php?p=taxdetails&id=100521
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Herpotrichia	Herpotrichia sp	5471	unknown (parasite or endophyte)	
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Leptosphaerulina	Leptosphaerulina chartarum	3399	plant pathogen	(Ahonsi <i>et al.</i> 2010)
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Phoma	Phoma sp	154; 2185; 7824	plant pathogen	(Mosch & Mooi 1975; Li <i>et al.</i> 1998; Wunsch & Bergstrom 2011)
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Pyrenochaeta	Pyrenochaeta sp	8149	plant pathogen	(Gruyter <i>et al.</i> 2010)
Ascomycota	Dothideomycetes	Pleosporales	Incertae sedis	Pyrenochaeta	Pyrenochaeta sp AU/DBT238	8504	plant pathogen	(Gruyter <i>et al.</i> 2010)
Ascomycota	Dothideomycetes	Pleosporales	Leptosphaeriaceae	Leptosphaeria	Leptosphaeria sp	69	saprophytic (some pathogen)	(Kiehn <i>et al.</i> 1987; Shearer <i>et al.</i> 1990; Taylor 1993; Wei <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Pleosporales	Leptosphaeriaceae	Leptosphaeria	Leptosphaeria sp F101	2224	saprophytic (some pathogen)	(Kiehn <i>et al.</i> 1987; Shearer <i>et al.</i> 1990; Taylor 1993; Wei <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Pleosporales	Leptosphaeriaceae	unidentified	Leptosphaeriaceae sp	3766	saprophytic (some pathogen)	(Kiehn <i>et al.</i> 1987; Shearer <i>et al.</i> 1990; Taylor 1993; Wei <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Pleosporales	Leptosphaeriaceae	unidentified	uncultured Epicoccum	6509	saprophytic	(Booth 1980; Brown 1984)
Ascomycota	Dothideomycetes	Pleosporales	Leptosphaeriaceae	unidentified	uncultured	3027; 3576;	saprophytic	(Kiehn <i>et al.</i> 1987; Shearer <i>et al.</i>

					Leptosphaeria	3605; 4984	(some pathogen) unknown	1990; Taylor 1993; Wei <i>et al.</i> 2013)
Ascomycota	Dothideomycetes	Pleosporales	Lophiostomataceae	Lophiostoma	Lophiostoma compressum	5334		
Ascomycota	Dothideomycetes	Pleosporales	Lophiostomataceae	Lophiostoma	Lophiostoma corticola	9566	endophyte	(Cui <i>et al.</i> 2011)
Ascomycota	Dothideomycetes	Pleosporales	Lophiostomataceae	Lophiostoma	Lophiostoma sp	1176; 1738; 4182	unknown	
Ascomycota	Dothideomycetes	Pleosporales	Montagnulaceae	Paraconiothyrium	Paraconiothyrium fuckelii	7158	unknown	
Ascomycota	Dothideomycetes	Pleosporales	Mytiliniaceae	Lophium	Lophium sp	3486	unknown	
Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	unidentified	Phaeosphaeriaceae sp	540	unknown	
Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Alternaria	Alternaria triticina	2452	saprophytic	(Thomma 2003)
Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Cochliobolus	Cochliobolus sativus	9643	plant pathogen	(Zhong <i>et al.</i> 2002)
Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	unidentified	Pleosporaceae sp	8538	unknown	
Ascomycota	Dothideomycetes	Pleosporales	Tubeufiaceae	unidentified	Tubeufiaceae sp MFLUCC10	8792	unknown	
Ascomycota	Dothideomycetes	Pleosporales	unidentified	unidentified	Pleosporales sp	124; 276; 1727; 1982; 3126; 3501; 3543; 3573; 3803; 4200; 4932; 4938; 5084; 5306; 6192; 6763; 6871; 7537; 7742; 8040; 8770	unknown	(Zhang <i>et al.</i> 2012)
Ascomycota	Dothideomycetes	Pleosporales	unidentified	unidentified	Pleosporales sp F277808	6522	unknown	(Zhang <i>et al.</i> 2012)
Ascomycota	Dothideomycetes	Pleosporales	unidentified	unidentified	uncultured Pleosporales	4130; 6005	unknown	(Zhang <i>et al.</i> 2012)
Ascomycota	Dothideomycetes	Pleosporales	Venturiaceae	Protoventuria	uncultured Protoventuria	1965; 9676	plant pathogen	(Carris & Poole 1993)
Ascomycota	Dothideomycetes	Pleosporales	Venturiaceae	Venturia	Venturia sp	1374; 6596; 8080	plant pathogen	(Crous <i>et al.</i> 2007)
Ascomycota	Dothideomycetes	unidentified	unidentified	unidentified	Dothideomycetes sp	86; 466; 893; 1028; 1349;	unknown	

						1450; 2825; 3052; 3173; 3175; 3686; 3866; 4262; 4378; 4381; 4539; 4636; 4659; 4757; 5846; 5936; 6663; 7629; 7674; 7820; 9089; 9627; 9636; 10100; 10145; 10245		
Ascomycota	Dothideomycetes	unidentified	unidentified	unidentified	Dothideomycetes sp AS1	3967	unknown	
Ascomycota	Dothideomycetes	unidentified	unidentified	unidentified	uncultured Dothideomycetes	312; 417; 2364; 2387; 3131; 7171; 9234	unknown	
Ascomycota	Dothideomycetes	Venturiales	Venturiaceae	unidentified	uncultured Venturiaceae	9031	plant pathogen	(Crous <i>et al.</i> 2007)
Ascomycota	Eurotiomycetes	Chaetothyriales	Chaetothyriaceae	Cyphellophora	Cyphellophora pluriseptata	1702	unknown	
Ascomycota	Eurotiomycetes	Chaetothyriales	Chaetothyriaceae	Cyphellophora	Cyphellophora sp	5263; 8927	unknown	
Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Cladophialophora	Cladophialophora sp	1315; 5227; 5288; 6029; 9402	endophyte	(Braun <i>et al.</i> 2003; Badali <i>et al.</i> 2008; Tedersoo <i>et al.</i> 2009)
Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala	Exophiala sp	3335; 6023	unknown	1
Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Phialophora	Phialophora mustea	9582	endophyte	(Malinowski <i>et al.</i> 1997)
Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	unidentified	uncultured Cladophialophora	8237	endophyte	(Braun <i>et al.</i> 2003; Badali <i>et al.</i> 2008; Tedersoo <i>et al.</i> 2009)
Ascomycota	Eurotiomycetes	Chaetothyriales	unidentified	unidentified	Chaetothyriales sp	503; 1392; 3245; 4141; 4143; 4322; 4434; 6699; 9478	unknown	(Masclaux <i>et al.</i> 1995; Crous <i>et al.</i> 2007b; Braun <i>et al.</i> 2003; Badali <i>et al.</i> 2008; Tedersoo <i>et al.</i> 2009)
Ascomycota	Eurotiomycetes	Eurotiales	Elaphomycetaceae	Elaphomyces	Elaphomyces decipiens	6012	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Eurotiomycetes	Eurotiales	Elaphomycetaceae	Elaphomyces	Elaphomyces muricatus	2706; 5308	EM	(Tedersoo <i>et al.</i> 2010)

Ascomycota	Eurotiomycetes	Eurotiales	Elaphomycetaceae	unidentified	Elaphomycetaceae sp	490; 886; 2391; 3867; 4597; 7694; 8119; 8760; 9577; 9579; 9922; 10377	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Elaphomycetaceae	unidentified	uncultured Elaphomyces	172; 7604; 7843	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	Aspergillus kanagawaensis	3944	saprophytic	(Kwaśna 2002)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	Aspergillus sp	4193	saprophytic	(Emmons 1949; Christensen & Fennell 1964; Bissett & Widden 1984; Hong <i>et al.</i> 2005)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Eladia	Eladia saccula	222	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium adametzii	4285; 5674	saprophytic	(Mikhailova <i>et al.</i> 1994)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium daleae	880	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium godlewskii	3600; 9105	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium inflatum	2462; 8820	unknown	(Samson & Pitt 2003; Cosgrove <i>et al.</i> 2007)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium manginii	5737	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium nodositatum	6063	myconodules	(Valla <i>et al.</i> 1989; Sequerra <i>et al.</i> 1995)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium raistrickii	2563; 7196	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium sp 30	4158	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	BRO Penicillium sp	323; 840	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium sp CMV	7237	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium sp FF28	6445	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium sp FF52	3085	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium spinulosum	8432	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Penicillium	Penicillium thomii	1446	saprophytic	(Hering 1967; Cabello <i>et al.</i> 2005)
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Sagenomella	Sagenomella humicola	6256	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Talaromyces	Talaromyces sp	1673	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Talaromyces	Talaromyces sp 2	9365	unknown	
					CMV			

Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Thysanophora	Thysanophora penicillioides	6702	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	unidentified	unidentified	Eurotiales sp	700; 8002	unknown	
Ascomycota	Eurotiomycetes	Eurotiales	unidentified	unidentified	uncultured Penicillium	1095; 4542	unknown	
Ascomycota	Eurotiomycetes	Onygenales	Onygenaceae	Amauroascus	Amauroascus albicans	1200	unknown	
Ascomycota	Eurotiomycetes	unidentified	unidentified	unidentified	Eurotiomycetes sp	646; 647; 3972; 6626	unknown	
Ascomycota	Eurotiomycetes	unidentified	unidentified	unidentified	Eurotiomycetes sp 1 KO	5999; 6175; 7915; 8921	unknown	
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara hyalocuspica	1703; 9284	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara microchona	630; 5821; 6117	saprophytic	(Cai <i>et al.</i> 2009; Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara piceae	3925; 8438	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara pseudoaffinis	9933	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara sp	171; 440; 545; 732; 734; 1089; 1732; 2469; 2472; 2645; 2678; 2735; 2871; 3726; 3926; 4484; 4683; 4758; 4772; 4867; 4868; 4872; 5655; 5859; 6157; 6366; 7366; 7443; 8036; 8358; 10193; 10240	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara sp YTH	78	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Chalara	Chalara vaccinii	8920	saprophytic	(Koukol 2011)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Filospora	Filospora fistucella	4653	endophyte	(Stone <i>et al.</i> 2004)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Petrakia	Petrakia sp	2146	plant pathogen/e	(Sieber 2007; Butin <i>et al.</i> 2013)

Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Phialea	Phialea sp	4729	ndophyte Endophytic /saprophytic	(Unterseher & Schnittler 2010)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Phialemoniopsis	Phialemoniopsis curvata	5200	Colonizes other fungi	(Perdomo <i>et al.</i> 2013; Kaur <i>et al.</i> 2014)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Pleurophragmium	Pleurophragmium sp J530	7778	unknown	
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Pseudoclathrosp haerina	Pseudoclathrosp haerina sp	4414	saprophytic	(Voglmayr & Krisai-Greilhuber 1997)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Triscelophorus	Triscelophorus monosporus	10137	endophyte	(Raviraja <i>et al.</i> 1996)
Ascomycota	Incertae sedis	Incertae sedis	Incertae sedis	Tumularia	Tumularia sp Rr27	8578	endophyte	(Markovskaja 2009) http://fungi.myspecies.info/all-fungi/tumularia
Ascomycota	Lecanoromycetes	Lecanorales	unidentified	unidentified	Lecanorales sp	2812	Lichen	(Elix 1993; Printzen & Palice 1999; Aslan <i>et al.</i> 2002; Crespo <i>et al.</i> 2004; Robich 2006; Nordin <i>et al.</i> 2010)
Ascomycota	Lecanoromycetes	Ostropales	Stictidaceae	Cryptodiscus	Cryptodiscus tabularum	4954; 6835	saprophytic	(Baloch <i>et al.</i> 2009)
Ascomycota	Lecanoromycetes	Teloschistales	Teloschistaceae	Sirenophila	Sirenophila sp 45 UA	7256	Lichen	(Arup <i>et al.</i> 2013)
Ascomycota	Lecanoromycetes	Teloschistales	unidentified	unidentified	Teloschistales sp	8258	Lichen	(Beekley & Hoffman 1981; Moberg 1995; Nordin & Mattsson 2001; Helms <i>et al.</i> 2003; Ranković <i>et al.</i> 2008; Říha & Vondrák, 2011)
Ascomycota	Lecanoromycetes	unidentified	unidentified	unidentified	Lecanoromycetes sp	1547; 1967; 3575; 4957; 7257; 7899; 9910	unknown	
Ascomycota	Leotiomycetes	Geoglossales	Geoglossaceae	Geoglossum	Geoglossum fallax	9689	saprophytic	(Griffith <i>et al.</i> 2002)
Ascomycota	Leotiomycetes	Helotiales	Dermateaceae	Cryptosporiopsis	Cryptosporiopsis ericae	1116; 2369; 4534; 5017; 5799; 7544; 9571	endophyte	(Kernaghan & Patriquin 2011)
Ascomycota	Leotiomycetes	Helotiales	Dermateaceae	Cryptosporiopsis	Cryptosporiopsis rhizophila	9793	unknown (endophyte or pathogen)	(Strobel <i>et al.</i> 1999; Verkley <i>et al.</i> 2003)
Ascomycota	Leotiomycetes	Helotiales	Dermateaceae	Cryptosporiopsis	Cryptosporiopsis sp	369; 4795;	unknown	(Strobel <i>et al.</i> 1999; Verkley <i>et al.</i>

						5120; 7942; 7943; 8750; 9855; 10197	(endophyte or pathogen)	2003)
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	Cryptosporiopsis	Cryptosporiopsis sp 1 KO	5247; 5664	unknown (endophyte or pathogen)	(Strobel <i>et al.</i> 1999; Verkley <i>et al.</i> 2003; Kernaghan & Patriquin 2011)
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	Mollisia	Mollisia sp	3120; 3464; 5496; 6086; 8840	endophyte	(Skinner 2007)
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	Pezicula	Pezicula sp 3 ICMP 18931	9936	endophyte	(Fisher & Petrini 1990)
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	unidentified	Dermateaceae sp	1852; 5975; 6408; 7752; 7767; 8899; 10067	unknown	
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	unidentified	Dermateaceae sp KO	181; 692; 693; 1651; 1749; 1750; 2794; 4933; 5361; 5783; 6426; 6639; 6774; 7041; 7527; 9084; 9425; 10110	unknown	
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	unidentified	uncultured Dermateaceae	6593; 6876	unknown	
Ascomycota	Leotiomyces	Helotiales	Dermateaceae	unidentified	uncultured Mollisia	6708	endophyte	(Skinner 2007)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Articulospora	Articulospora sp	2740	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Cudoniella	Cudoniella clavus	9681	saprophytic	(Dennis 1971; Hafizah <i>et al.</i> 2013)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Hymenoscyphus	Hymenoscyphus pseudoalbidus	1977	plant pathogen	(Davydenko <i>et al.</i> 2013)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Hymenoscyphus	Hymenoscyphus sp	6620	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Hymenoscyphus	Hymenoscyphus sp UBCtra1439C	4335; 4339	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Neobulgaria	Neobulgaria sp	7026; 8250; 9791	saprophytic	(Pecoraro <i>et al.</i> 2007)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Rhizoscyphus	Rhizoscyphus ericae	5294; 9230; 9958	Ericoid Mycorrhiza	(Kosola <i>et al.</i> 2007; Grelet <i>et al.</i> 2010)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Rhizoscyphus	Rhizoscyphus sp	1163; 6686	Ericoid	(Kosola <i>et al.</i> 2007; Grelet <i>et al.</i>

Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiaceae 3 RB	6222	Mycorrhiza	2010)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiaceae sp	1718; 3387; 6952; 9025	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiaceae sp II GK	6875; 8364	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiaceae sp IV GK	1123	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiaceae sp VII GK	2948	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Helotiales sp 3 BB	54; 85; 156; 476; 483; 765; 870; 1062; 1243; 1293; 1393; 1589; 1930; 1974; 2162; 2235; 2263; 2842; 2863; 2893; 3040; 3130; 3386; 3557; 3674; 4080; 4238; 4438; 4500; 4502; 4800; 4897; 4934; 4996; 5183; 5383; 5425; 5569; 5782; 6047; 6146; 6164; 6288; 6293; 6586; 6610; 6798; 6814; 6994; 7275; 7583; 7710; 7711; 7722; 8046; 8151; 8431; 8842; 9464; 9469; 9471; 9472; 9885; 9973	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	uncultured	208	unknown	

Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	Chlorenchelia uncultured Helotiaceae	1962; 2018; 2248; 2484; 2566; 2638; 2689; 3432; 4509; 6513; 7426; 7855; 8143; 8298; 9929	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	unidentified	uncultured Meliniomyces	720; 1558; 1766; 1800; 1817; 1993; 2351; 3016; 3892; 4296; 4315; 6365; 6575; 7909; 8162; 8179; 10160; 10368; 10369	unknown	
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Varicosporium	Varicosporium elodeae	2829; 4893; 6784; 7851; 8922	saprophytic	(Fernandes <i>et al.</i> 2009)
Ascomycota	Leotiomyces	Helotiales	Helotiaceae	Varicosporium	Varicosporium sp	2824; 8192; 9252; 9722	saprophytic	(Waid 1954; Park 1982; Fernandes <i>et al.</i> 2009)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Arachnopeziza	Arachnopeziza sp	1048	unknown (saprophytic)	(Cantrell & Hanlin 1997)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Belonidium	Belonidium sulphureum	10180	unknown	
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Cistella	Cistella sp EF	1520; 6001; 9379	ericoid mycorrhiza /endophyte	(McLean <i>et al.</i> 1999; Chambers <i>et al.</i> 2000)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Hamatocanthoscypha	Hamatocanthoscypha laricionis	1757; 3057; 5266; 5858	saprophytic	(Meulder 1997)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Lachnum	Lachnum pygmaeum	9591	saprophytic	(Sánchez Márquez <i>et al.</i> 2007)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Lachnum	Lachnum sp	214; 924; 1527; 1613; 2278; 3541; 4179; 5232;	saprophytic /endosymbiotic	(Sharples <i>et al.</i> 2000)

						5634; 5656; 5972; 6022; 6219; 7312; 9200; 9510; 9950; 10129; 10191; 10248		
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Lachnum	Lachnum sp 2 KO	981	saprophytic /endosymbiotic	(Sharples <i>et al.</i> 2000)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Lachnum	Lachnum sp ECHh	2639; 3485; 9894	saprophytic /endosymbiotic	(Sharples <i>et al.</i> 2000)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	Lachnum	Lachnum sp FR	382	saprophytic /endosymbiotic	(Sharples <i>et al.</i> 2000)
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	unidentified	Hyaloscyphaceae sp	947; 1911; 5188; 6020; 9204; 10192	unknown	
Ascomycota	Leotiomyces	Helotiales	Hyaloscyphaceae	unidentified	uncultured Lachnum	7292	saprophytic /endosymbiotic	(Sharples <i>et al.</i> 2000)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora finlandica	1454; 1455; 3013; 3190; 3191; 3854; 4989; 5135	EM	(Peterson <i>et al.</i> 2008)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora luteo	5142	plant pathogen	(Gramaje <i>et al.</i> 2011)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora malorum	6571	plant pathogen	(Marco <i>et al.</i> 2004; Almeida <i>et al.</i> 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp	1068; 10064	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp 29d	3020	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp 6e51	3216; 4727; 9050	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp JZ	6318	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp REF033	891; 5697	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Cadophora	Cadophora sp REF039	8527; 9340	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Gloeotinia	Gloeotinia temulenta	905	plant pathogen	(Griffiths 1959)

Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Helicodendron	Helicodendron sp	979; 8904	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Helicodendron	Helicodendron westerdijkae	6946	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Infundichalara	Infundichalara microchona	3872	saprophytic	(Réblová <i>et al.</i> 2011) http://www.indexfungorum.org/names/NamesRecord.asp?RecordID=518973
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Infundichalara	Infundichalara sp	9307	saprophytic	(Réblová <i>et al.</i> 2011)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Leptodontidium	Leptodontidium elatius	4016; 6124; 6428	Saprophyte / plant pathogen	(Lygis <i>et al.</i> 2005)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Leptodontidium	Leptodontidium orchidicola	4487; 7454	endophyte	(Fernando & Currah 1996)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Leptodontidium	Leptodontidium sp	2460; 5488; 6753	plant pathogen/ endophyte	(Fernando & Currah 1996; Lygis <i>et al.</i> 2005)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Naevala	Naevala sp	7070; 10385	unknown	(Voříšková & Baldrian 2013)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Scytalidium	Scytalidium lignicola	5347	ericoid mycorrhiza /endophyte	(Egger & Sigler 1993)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium breve	8257; 10172	endophyte	(Roldán <i>et al.</i> 1989; Sati & Belwal 2005)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium furcatum	1213; 3036; 4919; 6252; 7692; 8347	endophyte	(Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium maxilliforme	2707	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium sp	188; 393; 912; 914; 1490; 1855; 2144; 2241; 2754; 4082; 4121; 4971; 5341; 5491; 5529; 7219; 7221; 7958; 8296; 8602; 9079; 9847; 10182	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium sp 1	918; 3546;	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i>

					MV	3996; 4028		1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium sp GMU	7436	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium sp GPO	4498	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Tetracladium	Tetracladium sp WMM	2547	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Xenopolyscytalu m	Xenopolyscytalu sp	3908; 5962; 8914	unknown	
Ascomycota	Leotiomyces	Helotiales	Incertae sedis	Xenopolyscytalu m	Xenopolyscytalu sp CCF 4156	1531	unknown	
Ascomycota	Leotiomyces	Helotiales	Rutstroemiaceae	Scleromitrua	Scleromitrua candolleana	3058	plant pathogen	(Saharan; GS & Mehta; N 2008)
Ascomycota	Leotiomyces	Helotiales	Sclerotiniaceae	Botrytis	Botrytis cinerea	5225	plant pathogen	
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	ericoid mycorrhizal sp PPO	246; 1545; 2363; 2366; 3061; 3446; 4770	Ericoid Mycorrhiza	
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	grass root mycorrhizal sp PPO	1972; 2679; 3732; 3735; 4558; 4997; 5049; 5100; 6401; 7090; 8500	grass_root_ mycorrhizal	
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp	0; 1; 14; 42; 255; 322; 337; 396; 593; 658; 717; 747; 758; 1430; 1431; 1482; 1500; 1908; 1940; 2377; 2789; 2801; 2805; 2984; 3200; 3368; 3471;	unknown	

						3743; 3809; 3836; 3913; 3923; 3939; 4075; 4233; 4416; 4728; 4741; 4755; 4771; 4803; 4842; 4859; 4869; 4952; 5089; 5144; 5435; 5768; 5777; 5969; 6333; 6335; 6642; 6653; 7049; 7304; 7379; 7442; 7485; 7573; 7644; 7731; 7751; 7874; 7934; 8063; 8153; 8186; 8232; 8307; 8371; 8532; 8611; 8681; 8745; 8781; 9003; 9155; 9332; 9451; 9489; 9600; 9654; 9661; 9716; 9781; 10016; 10062; 10125; 10207; 10220	
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp 1 KO	1510; 3969; 5465; 6289; 7481; 8939; 9751; 10202	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp 1 MV	385; 1160; 1263; 2843; 3418; 5564;	unknown

						5720; 5855; 6066; 6350; 7502; 7839; 9497; 9589; 9940	
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp 4 KO	1643	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp 73 OA	227	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp 90 OA	1353; 3465; 3838; 3847	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp B54J3	9851	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp BH5	6004; 9856	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp GMU	897; 1976; 2049; 3402; 5074; 9983	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp WMM	9492	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	Helotiales sp X19	7743; 7745	unknown
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	uncultured Helotiales	628; 759; 1145; 1305; 1491; 2476; 2671; 3109; 3205; 3211; 3217; 3265; 3935; 4679; 4894; 5033; 5078; 5095; 5239; 5429; 5445; 5466; 6271; 6354; 6422; 6693; 6824; 6849; 7062; 7433; 7441; 7570; 7638; 7779; 7939; 8041; 8164; 8279; 8361; 8365; 8656; 8794; 8808; 8915; 9187; 9298; 9678; 9694;	unknown

Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	uncultured Hyaloscyphaceae	9696; 9834; 9857 5; 33; 46; 163; 165; 166; 991; 1008; 1099; 1191; 1294; 1367; 1532; 2477; 2826; 2902; 3021; 3034; 3669; 3988; 4166; 4208; 4369; 4394; 4743; 5290; 5467; 5539; 5748; 6042; 6050; 6074; 6549; 6553; 6668; 7007; 7489; 7666; 7838; 7978; 8026; 8326; 8349; 8521; 8982; 9137; 9139; 9188; 9192; 9280; 9466; 10002; 10021; 10022; 10080; 10173	saprophytic (endophytic)	(Dennis 1949; Cantrell & Hanlin 1997)
Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	uncultured Phialocephala	108; 147; 1192; 2104; 4099; 4344; 4454; 5079; 5753; 6466; 6640; 7170; 7189; 8202; 8284; 8511; 8581; 8948; 8949; 9442; 10079; 10285	endophyte	(Jacobs <i>et al.</i> 2003)

Ascomycota	Leotiomyces	Helotiales	unidentified	unidentified	uncultured Phialocephala fortinii	4443; 5024; 6260; 6464; 7134; 7917; 9348	Pseudomyc orrhizal	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Acephala	Acephala macrosclerotiorum	832; 834; 1370; 2030; 2086; 2507; 2622; 3733; 5032; 6780; 6782; 7055; 7118; 7797; 7798; 7803; 9058; 9322	endophyte	(Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Acephala	Acephala sp	1033; 1611; 1612; 3750; 4563; 6099; 9132	endophyte	(Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Acephala	Acephala sp 4 MV	8814	endophyte	(Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Acephala	Acephala sp 7 MV	8676	endophyte	(Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Acephala	Acephala sp WGS11780	1666	endophyte	(Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala cf fortinii CSP08	114; 2994; 3602; 3626; 3903; 4061; 4537; 8245; 8409	Pseudomyc orrhizal	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala cf fortinii GK	1337	Pseudomyc orrhizal	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala europaea	922	endophyte	(Grünig <i>et al.</i> 2008b; Tellenbach <i>et al.</i> 2013)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala fortinii	1756; 4020; 7554; 8203; 8319	Pseudomyc orrhizal	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala helvetica	6884; 7564	endophyte	(Grünig <i>et al.</i> 2008a)
Ascomycota	Leotiomyces	Helotiales	Vibrisseaceae	Phialocephala	Phialocephala sp	294; 903; 2129; 2147; 2175; 2352; 2837; 2942; 3426; 3639;	endophyte/ Saprophyte /weak Pathogen	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004, 2008a, 2008b; Tellenbach <i>et al.</i> 2013)

						5742; 5752; 6646; 8299; 8443; 8804; 9479; 9480; 9859; 9906; 10008; 10013		
Ascomycota	Leotiomycetes	Helotiales	Vibrissaceae	Phialocephala	Phialocephala sp KO	1260; 1958; 2131; 2236; 2289; 2467; 3711; 4407; 4447; 4608; 6025; 6100; 6353; 6590; 7353; 8220; 8446; 8641; 8926; 9980	endophyte/ Saprophyte /weak Pathogen	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004, 2008a, 2008b; Tellenbach <i>et al.</i> 2013)
Ascomycota	Leotiomycetes	Helotiales	Vibrissaceae	Phialocephala	Phialocephala sp PDKA10	7345; 7706	endophyte/ Saprophyte /weak Pathogen	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004, 2008a, 2008b; Tellenbach <i>et al.</i> 2013)
Ascomycota	Leotiomycetes	Helotiales	Vibrissaceae	Phialocephala	Phialocephala sp Ph4	392; 1210; 1779; 7354; 7477; 9007; 9730	endophyte/ Saprophyte /weak Pathogen	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004, 2008a, 2008b; Tellenbach <i>et al.</i> 2013)
Ascomycota	Leotiomycetes	Helotiales	Vibrissaceae	Phialocephala	Phialocephala sp V3	5686	endophyte/ Saprophyte /weak Pathogen	(Wang & Wilcox 1985; O'dell <i>et al.</i> 1993; Grünig <i>et al.</i> 2004, 2008a, 2008b; Tellenbach <i>et al.</i> 2013)
Ascomycota	Leotiomycetes	Helotiales	Vibrissaceae	Phialocephala	Phialocephala turiciensis	7185	endophyte	(Grünig <i>et al.</i> , 2008)
Ascomycota	Leotiomycetes	Incertae sedis	Incertae sedis	Geomyces	Geomyces auratus	875; 2827; 5714; 7136; 7137; 9282; 9907; 10230	saprophytic	(Marshall 1998; Vohník <i>et al.</i> 2007)
Ascomycota	Leotiomycetes	Incertae sedis	Incertae sedis	Geomyces	Geomyces pannorum	1071; 1575; 5029	saprophytic	(Marshall 1998; Vohník <i>et al.</i> 2007)
Ascomycota	Leotiomycetes	Incertae sedis	Incertae sedis	Geomyces	Geomyces pannorum var asperulatus	3536	saprophytic	(Marshall 1998; Vohník <i>et al.</i> 2007)
Ascomycota	Leotiomycetes	Incertae sedis	Incertae sedis	Geomyces	Geomyces sp	3652	saprophytic	(Marshall 1998; Vohník <i>et al.</i>

Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Leohumicola	17WV09 Leohumicola minima	7161; 10205	unknown	2007) (Hambleton <i>et al.</i> 2005)
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Leohumicola	Leohumicola sp KO	3740	unknown	(Hambleton & Sigler 2005)
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Meliniomyces	Meliniomyces bicolor	221; 257; 1821; 1955; 2665; 2809; 3810; 5633; 6077; 7358; 7465; 7491; 8341; 8548; 8950; 9420; 10150	EM	
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Meliniomyces	Meliniomyces sp	348; 1084; 1162; 1413; 1695; 1823; 2004; 3295; 4068; 4292; 4380; 4655; 4808; 4891; 6174; 6211; 6565; 6672; 6673; 8938; 9302; 9409; 9926	unknown	
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Meliniomyces	Meliniomyces sp 2 RT	544; 4644	unknown	
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Meliniomyces	Meliniomyces sp GK	6281	unknown	(Hambleton & Sigler 2005; Ohtaka & Narisawa 2008)
Ascomycota	Leotiomyces	Incertae sedis	Incertae sedis	Meliniomyces	Meliniomyces variabilis	935; 2392; 2575; 4313; 5063	EM	
Ascomycota	Leotiomyces	Leotiales	Leotiaceae	Alatospora	Alatospora acuminata	7705	saprophytic	(Suberkropp & Klug 1974; Sati & Belwal 2005; Fernandes <i>et al.</i> 2009)
Ascomycota	Leotiomyces	Leotiales	Leotiaceae	Alatospora	Alatospora sp	2855	saprophytic	(Suberkropp & Klug 1974; Sati & Belwal 2005; Fernandes <i>et al.</i> 2009)
Ascomycota	Leotiomyces	Leotiales	Leotiaceae	Leotia	Leotia lubrica	1118; 1120	saprophytic	(Pecoraro <i>et al.</i> 2007; Zeller <i>et al.</i> 2007)
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Coccomyces	Coccomyces sp	3491; 4014	endophyte	(Stone <i>et al.</i> 2004; Osono <i>et al.</i> in

Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Colpoma	Colpoma sp	206; 1342; 6765	endophyte	Rai & Bridge 2009) (Twyman 1946)
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Colpoma	Colpoma sp PDD 91607	2498; 3759; 3764; 7395; 10268	endophyte	(Twyman 1946)
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Lophodermium	Lophodermium piceae	10065	endophyte	(Osorio & Stephan 1991)
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Lophodermium	Lophodermium pinastri	3574; 7201	endophyte (pathogen)	(Lehmann 1976; Minter <i>et al.</i> 1978; Kowalski 1993)
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	Lophodermium	Lophodermium sp	5910; 5919; 8059	unknown	
Ascomycota	Leotiomyces	Rhytismatales	Rhytismataceae	unidentified	Rhytismataceae sp RB	599; 6560	unknown	
Ascomycota	Leotiomyces	Rhytismatales	unidentified	unidentified	Rhytismatales sp 5552	2630	unknown	
Ascomycota	Leotiomyces	Thelebolales	Thelebolaceae	Pezizella	Pezizella discreta	4969	saprophytic	http://eol.org/pages/191516/deta ils
Ascomycota	Leotiomyces	unidentified	unidentified	unidentified	Leotiomyces sp	885; 1704; 1840; 1842; 2279; 2609; 2761; 3912; 3998; 4036; 4255; 4480; 4540; 4840; 6121; 6502; 6886; 7944; 7984; 7993; 8697; 8869; 9785; 9786; 10200	unknown	
Ascomycota	Leotiomyces	unidentified	unidentified	unidentified	uncultured Leotiomyces	235; 533; 675; 934; 1050; 1125; 1291; 1713; 1902; 1903; 1907; 2043; 2249; 2282; 2296; 2473; 2488; 2571; 2914;	unknown	

						3225; 3423; 3687; 3843; 4263; 4503; 5088; 5286; 5410; 5615; 5628; 5862; 5960; 6471; 6530; 6787; 7116; 7117; 7725; 7834; 8265; 8266; 8267; 8268; 8495; 8550; 8682; 8850; 9439; 9539; 9708; 9853; 9908; 9913; 10045		
Ascomycota	Orbiliomycetes	Orbiliales	Orbiliaceae	Dactylella	Dactylella mammillata	862	Nematopha gous	(Gray 1983)
Ascomycota	Orbiliomycetes	Orbiliales	Orbiliaceae	Dactylellina	Dactylellina drechsleri	1794	Nematopha gous	(Yang <i>et al.</i> 2007)
Ascomycota	Orbiliomycetes	Orbiliales	Orbiliaceae	Dactylellina	Dactylellina ellipsospora	4086	Nematopha gous	(Jaffee 2003)
Ascomycota	Orbiliomycetes	unidentified	unidentified	unidentified	Orbiliomycetes sp	2102; 9244	unknown	
Ascomycota	Pezizomycetes	Pezizales	Discinaceae	Hydnotrya	Hydnotrya sp	1528; 1884; 2405; 3664; 3668; 4098; 4731; 6127; 6201; 6225; 8767	EM	(Vohnik <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Discinaceae	Hydnotrya	Hydnotrya tulasnei	3383; 4194; 6241; 6645; 7053; 8757; 8818; 9054; 9521	EM	(Vohnik <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Helvellaceae	Balsamia	Balsamia sp	6821	unknown	
Ascomycota	Pezizomycetes	Pezizales	Helvellaceae	Helvella	Helvella lacunosa	2788; 3064; 9358	saprophytic	(Hobbie <i>et al.</i> 2001; Landeros <i>et al.</i> 2012)
Ascomycota	Pezizomycetes	Pezizales	Helvellaceae	Helvella	Helvella sp	4319; 8285	saprophytic	(Hobbie <i>et al.</i> 2001; Landeros

Ascomycota	Pezizomycetes	Pezizales	Helvellaceae	Helvella	Helvella sp UC 1999221	1205; 6272	saprophytic	<i>et al.</i> 2012) (Hobbie <i>et al.</i> 2001; Landeros <i>et al.</i> 2012)
Ascomycota	Pezizomycetes	Pezizales	Helvellaceae	unidentified	uncultured Helvella	3284	saprophytic	(Hobbie <i>et al.</i> 2001; Landeros <i>et al.</i> 2012)
Ascomycota	Pezizomycetes	Pezizales	Pezizaceae	Terfezia	Terfezia sp	1131	EM	(Díez <i>et al.</i> 2002)
Ascomycota	Pezizomycetes	Pezizales	Pezizaceae	unidentified	Pezizaceae sp	2797; 5182; 10263	unknown	
Ascomycota	Pezizomycetes	Pezizales	Pezizaceae	unidentified	uncultured Hydnobolites	327	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pezizaceae	unidentified	uncultured Peziza	383; 7238; 9484	unknown	
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Genea	Genea hispidula	10121	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Genea	Genea sp	596	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Genea	Genea sp P020	665	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Geopyxis	Geopyxis sp	5660	Pseudomycorrhizal	(Vrålstad <i>et al.</i> 1998)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Humaria	Humaria hemisphaerica	6972	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Humaria	Humaria sp	3593; 3992; 5866; 6206; 7133; 8028	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Otidea	Otidea alutacea	10020	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Otidea	Otidea mirabilis	4979	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Otidea	Otidea onotica	6448; 8338	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Otidea	Otidea sp	9717	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Scutellinia	Scutellinia sp	909; 1525; 6558; 6563; 8551	saprophytic	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Tarzetta	Tarzetta catinus	4108	EM	(Southworth <i>et al.</i> 2009; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Tarzetta	Tarzetta sp P9	4598	EM	(Southworth <i>et al.</i> 2009; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Trichophaea	Trichophaea hybrida	3521	EM	(Fujimura <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	Pyronemataceae sp	95; 576; 662; 1327; 1351; 1355; 1369; 1387; 1614;	unknown	

						1634; 1639; 1761; 1838; 1860; 1878; 1946; 2080; 2082; 2106; 2118; 2437; 2631; 2848; 3089; 3455; 3476; 3522; 3578; 3650; 3657; 3719; 3799; 3902; 4356; 4387; 4389; 4390; 4490; 4603; 4769; 4844; 4855; 5538; 5554; 5583; 5965; 6060; 6362; 6407; 6436; 7075; 7361; 7362; 7579; 7653; 7701; 8105; 8146; 8721; 8726; 8838; 8905; 8992; 9002; 9014; 9040; 9275; 9371; 9406; 9448; 9972; 10397; 10400		
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	uncultured Humaria	90; 8615	EM	(Erős-Honti <i>et al.</i> 2008)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	uncultured Otidea	5051; 5405; 10373	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	uncultured Pyronemataceae	1146	unknown	
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	uncultured Tarzetta	1085; 1506; 3710; 4764; 8403; 9091	EM	(Southworth <i>et al.</i> 2009; Tedersoo <i>et al.</i> 2010)

Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	unidentified	uncultured Wilcoxina	571; 727; 746; 995; 999; 1403; 2588; 3112; 3288; 3291; 3655; 4064; 4837; 5472; 5537; 5581; 5705; 5731; 6605; 6799; 6800; 6806; 8013; 8311; 8328; 9043; 9408; 9452; 9953	EM or ectendomy corrhiza	(Smith & Read 1996; Baar <i>et al.</i> 1999; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Wilcoxina	Wilcoxina mikolae	3084	EM or ectendomy corrhiza	(Smith & Read 1996; Baar <i>et al.</i> 1999; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Pyronemataceae	Wilcoxina	Wilcoxina sp	1544; 6802	EM or ectendomy corrhiza	(Smith & Read 1996; Baar <i>et al.</i> 1999; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Sarcosomataceae	Urnula	Urnula helvelloides	796	unknown	(Paolocci <i>et al.</i> 2004; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber aestivum	6006	EM	
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber anniae	3827; 8559; 8837	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber excavatum	10169	EM	(Jeandroz <i>et al.</i> 2008; Tedersoo <i>et al.</i> 2010; Stielow <i>et al.</i> 2012)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber fulgens	8507	EM	(Tedersoo <i>et al.</i> 2010; Fan <i>et al.</i> 2011)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber puberulum	2627; 3249; 4248; 4471; 6069; 6309; 7891; 7916; 8619; 8828; 8943; 9176; 9869	EM	(Blaschke, H. 1987; Golldack <i>et al.</i> 2000; Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber rapaeodorum	2803	EM	(Tedersoo <i>et al.</i> 2010)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber rufum	2052; 3416	EM	(Barroetaveña <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010);deemy.de

Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber sp	703; 996; 1806; 2051; 3046; 6870; 7142; 7761; 8320; 8600; 9231	EM	(Amicucci <i>et al.</i> 1996; Tedersoo <i>et al.</i> 2010; Fan <i>et al.</i> 2011)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	Tuber	Tuber sp M	6419	EM	(Amicucci <i>et al.</i> 1996; Tedersoo <i>et al.</i> 2010; Fan <i>et al.</i> 2011)
Ascomycota	Pezizomycetes	Pezizales	Tuberaceae	unidentified	uncultured Tuber	3880; 5619	EM	(Amicucci <i>et al.</i> 1996; Tedersoo <i>et al.</i> 2010; Fan <i>et al.</i> 2011)
Ascomycota	Pezizomycetes	Pezizales	unidentified	unidentified	Pezizales sp	7106	unknown	
Ascomycota	Pezizomycetes	Pezizales	unidentified	unidentified	Pezizales sp MS8	9359	unknown	
Ascomycota	Pezizomycetes	Pezizales	unidentified	unidentified	uncultured Pezizales	1682; 2292; 6887	unknown	
Ascomycota	Pezizomycetes	Pezizales	unidentified	unidentified	uncultured Phialea	2230; 3737; 4240; 4332; 6794; 8215	Endophytic /saprophytic	(Unterseher & Schnittler 2010)
Ascomycota	Pezizomycetes	unidentified	unidentified	unidentified	Pezizomycetes sp	1433; 7608	unknown	
Ascomycota	Saccharomycetes	Saccharomycetales	Dipodascaceae	Galactomyces	Galactomyces candidum	7969	plant pathogen	(Hershenhorn <i>et al.</i> 1992)
Ascomycota	Saccharomycetes	Saccharomycetales	Incertae sedis	Candida	Candida palmioleophila	32	unknown	
Ascomycota	Saccharomycetes	Saccharomycetales	Saccharomycetaceae	Lachancea	Lachancea kluyveri	1926	unknown	(Liachko <i>et al.</i> 2011)
Ascomycota	Saccharomycetes	Saccharomycetales	unidentified	unidentified	Saccharomycetales sp	3356	unknown	
Ascomycota	Saccharomycetes	unidentified	unidentified	unidentified	Saccharomycetes sp	2190	unknown	
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chaetosphaeria	Chaetosphaeria chloroconia	896	endophyte	(Midgley <i>et al.</i> 2004; Kernaghan & Patriquin 2011)
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chaetosphaeria	Chaetosphaeria hebetiseta	8260	saprophytic	(Réblová & Gams 2000)
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chaetosphaeria	Chaetosphaeria sp	3231; 6444	unknown	
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chaetosphaeria	Chaetosphaeria sp 235 OA	9009	unknown	
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chloridium	Chloridium sp	6942	saprophytic	(Nagai <i>et al.</i> 1995; Iwamoto & Tokumasu 2001; Jiao <i>et al.</i> 2006)
Ascomycota	Sordariomycetes	Chaetosphaeriales	Chaetosphaeriaceae	Chloridium	Chloridium virescens	6017	saprophytic	(Nagai <i>et al.</i> 1995; Iwamoto &

		es	e		var chlamydosporum			Tokumasu 2001; Jiao <i>et al.</i> 2006)
Ascomycota	Sordariomycetes	Chaetosphaerial es	Chaetosphaeriacea e	Menispora	Menispora sp	7240; 10403	saprophytic	(Kulhánková <i>et al.</i> 2006)
Ascomycota	Sordariomycetes	Chaetosphaerial es	Chaetosphaeriacea e	Thozetella	Thozetella havanensis	5490	saprophytic	(Paulus <i>et al.</i> 2004)
Ascomycota	Sordariomycetes	Chaetosphaerial es	Chaetosphaeriacea e	Zignoella	Zignoella pulviscula	1244	unknown	
Ascomycota	Sordariomycetes	Coniochaetales	Coniochaetaceae	Coniochaeta	Coniochaeta mutabilis	5912	unknown	
Ascomycota	Sordariomycetes	Diaporthales	Diaporthaceae	Phomopsis	Phomopsis sp BESC803g	6786	plant pathogen	(Farr <i>et al.</i> 2002)
Ascomycota	Sordariomycetes	Diaporthales	Melanconidaceae	Melanconium	Melanconium sp MAFF 237111	6958	endophyte or plant pathogen	(Greene 1940; Sieber <i>et al.</i> 1991)
Ascomycota	Sordariomycetes	Diaporthales	Togniniaceae	Phaeoacremoni um	Phaeoacremonium sp	5220	plant pathogen	(Rego <i>et al.</i> 2000)
Ascomycota	Sordariomycetes	Diaporthales	Togniniaceae	Togninia	Togninia vibratilis	5567	plant pathogen	(Mostert <i>et al.</i> 2006; Gramaje <i>et al.</i> 2009)
Ascomycota	Sordariomycetes	Diaporthales	unidentified	unidentified	Diaporthales sp	1567; 2516; 5262; 6186; 6228	unknown	
Ascomycota	Sordariomycetes	Diaporthales	Valsaceae	Valsa	Valsa ambiens	5219	plant pathogen	(Adams <i>et al.</i> 2006)
Ascomycota	Sordariomycetes	Hypocreales	Bionectriaceae	Bionectria	Bionectria sp	6667	saprophytic /Endophytic/plant pathogen	(Guesmi-Jouini <i>et al.</i> 2014; Samaga <i>et al.</i> 2014){Citation}
Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	Aschersonia	Aschersonia minutispora	7567	unknown	
Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	Metacordyceps	Metacordyceps sp	5415	Insect pathogen	(Sung <i>et al.</i> 2007; Kepler <i>et al.</i> 2012)
Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	Metarhizium	Metarhizium anisopliae	3441; 9639	Insect pathogen	(Zimmermann 1993)
Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	Pochonia	Pochonia bulbillosa	4019	plant pathogen	(Vohník <i>et al.</i> 2011)
Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	Pochonia	Pochonia sp	3449	unknown	
Ascomycota	Sordariomycetes	Hypocreales	Cordycipitaceae	Akanthomyces	Akanthomyces novoguineensis	2765	insect pathogen	(Hywel-Jones 1996)
Ascomycota	Sordariomycetes	Hypocreales	Cordycipitaceae	Beauveria	Beauveria	5498	insect	1

Ascomycota	Sordariomycetes	Hypocreales	Cordycipitaceae	Cordyceps	brongniartii Cordyceps sp A12116	485	pathogen animal	(Li <i>et al.</i> 2001)
Ascomycota	Sordariomycetes	Hypocreales	Cordycipitaceae	Lecanicillium	Lecanicillium fusisporum	2996	insect pathogen	(Vu <i>et al.</i> 2007; Roditakis <i>et al.</i> 2008)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Hypocrea	Hypocrea sp	4051	pathogen saprophytic	(Kubicek <i>et al.</i> 2008; Jaklitsch 2011)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma asperellum	133; 135; 5598; 5694	Antagonisit c to plant pathogens	(Shoresh <i>et al.</i> 2005; Qualhato <i>et al.</i> 2013)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma paraviridescens	8337	Antagonisit c to plant pathogens	(Jaklitsch 2011)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma rossicum	6244	Antagonisit c to plant pathogens	(Daragó <i>et al.</i> , 2013)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma sp JZ	2872	unknown	
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma spirale	1844; 6526	Antagonisit c to plant pathogens	(Mpika <i>et al.</i> 2009)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	Trichoderma viride	4052; 8506; 8925	Antagonisit c to plant pathogens	(Daragó <i>et al.</i> , 2013)
Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	unidentified	Hypocreaceae sp	1710; 9017	saprophytic	1
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Acremonium	Acremonium sp	1261; 4567; 10055	endophyte	(Summerbell <i>et al.</i> 2011)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Cephalosporium	Cephalosporium gramineum	9824	plant pathogen	(Bruehl <i>et al.</i> 1969)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Ilyonectria	Ilyonectria crassa	9955; 10084	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Ilyonectria	Ilyonectria pseudodestructans	2459	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Ilyonectria	Ilyonectria radiciala	7227; 8612	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Ilyonectria	Ilyonectria robusta	2092; 5244	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Ilyonectria	Ilyonectria sp KO	9430	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Sarocladium	Sarocladium oryzae	4031; 8470	plant pathogen	(Saravanakumar <i>et al.</i> 2009)

Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Stachybotrys	Stachybotrys sp	815; 6240; 8024	saprophytic	(Jarvis <i>et al.</i> 1986)
Ascomycota	Sordariomycetes	Hypocreales	Incertae sedis	Trichothecium	Trichothecium crotocinigenum	4791	unknown	(Long <i>et al.</i> 2013)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Cosmospora	Cosmospora viliuscula	3932	unknown (plant pathogen)	(Chaverri <i>et al.</i> 2011; Gräfenhan <i>et al.</i> 2011a)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Flagellospora	Flagellospora curvula	3187	saprophytic	(Abdullah & Taj-Aldeen 1989)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Flagellospora	Flagellospora leucorhynchos	8625	saprophytic	(Gönczöl & Révay 1999; Gönczöl <i>et al.</i> 2004)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Geejayessia	Geejayessia cicatricum	2457; 6545	unknown (plant pathogen)	(Schroers <i>et al.</i> 2011)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Neonectria	Neonectria hubeiensis	2779; 8813	unknown, maybe plant pathogen	(Zhao <i>et al.</i> 2011)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Neonectria	Neonectria sp	8606	unknown, maybe plant pathogen	(Ehrlich 1934)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Neonectria	Neonectria sp C	1626	unknown, maybe plant pathogen	(Ehrlich 1934)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Neonectria	uncultured Neonectria	7849; 8456	unknown, maybe plant pathogen	(Ehrlich 1934)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	unidentified	Nectriaceae sp	3496	unknown, maybe plant pathogen	(Ehrlich 1934)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	unidentified	uncultured Cylindrocarpon	5123; 9603	plant pathogen	(Petit & Gubler 2005)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	unidentified	uncultured Ilyonectria	1298; 4174	plant pathogen	(Cabral <i>et al.</i> 2012a, 2012b)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	unidentified	uncultured Nectriaceae	4368	unknown, maybe	(Ehrlich 1934)

Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Volutella	Volutella sp	2511	plant pathogen	(Shoemaker 1981; Gräfenhan <i>et al.</i> 2011b)
Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Volutella	Volutella sp 167 OA	3066; 3159	plant pathogen	(Shoemaker 1981; Gräfenhan <i>et al.</i> 2011b)
Ascomycota	Sordariomycetes	Hypocreales	Ophiocordycipitaceae	Elaphocordyceps	Elaphocordyceps inegoensis	2194	animal pathogen/parasitic	(Sung <i>et al.</i> 2008)
Ascomycota	Sordariomycetes	Hypocreales	Ophiocordycipitaceae	Ophiocordyceps	Ophiocordyceps sp TW	4889	animal pathogen	(Sosa-Gómez <i>et al.</i> 2009)
Ascomycota	Sordariomycetes	Hypocreales	Ophiocordycipitaceae	Tolypocladium	Tolypocladium geodes	10049	insect pathogen	(Strasser <i>et al.</i> 2000)
Ascomycota	Sordariomycetes	Hypocreales	unidentified	unidentified	Hypocreales sp	4025	unknown	
Ascomycota	Sordariomycetes	Incertae sedis	Annulatascaeae	Conlarium	Conlarium sp KO	513; 514; 6679; 9115	endophyte	(Obase & Matsuda 2014)
Ascomycota	Sordariomycetes	Incertae sedis	Glomerellaceae	Colletotrichum	Colletotrichum sp S358	4156	unknown (insect and plant pathogen species)	(Smith & Black 1990; Marcelino <i>et al.</i> 2008)
Ascomycota	Sordariomycetes	Incertae sedis	Magnaporthaceae	Mycoleptodiscus	Mycoleptodiscus sp	7253	unknown (most probably saprophytic)	
Ascomycota	Sordariomycetes	Incertae sedis	Magnaporthaceae	Mycoleptodiscus	Mycoleptodiscus terrestris	6988	plant pathogen	(Verma & Charudattan 1993)
Ascomycota	Sordariomycetes	Incertae sedis	Plectosphaerellaceae	unidentified	uncultured Colletotrichum	7998	unknown (insect and plant pathogen species)	(Smith & Black 1990; Marcelino <i>et al.</i> 2008)
Ascomycota	Sordariomycetes	Incertae sedis	Plectosphaerellaceae	unidentified	uncultured Plectosphaerella	4493	plant pathogen	(Carlucci <i>et al.</i> 2012)
Ascomycota	Sordariomycetes	Incertae sedis	Plectosphaerellaceae	Verticillium	Verticillium fungicola var fungicola	10089	fungal pathogen	(Largeteau <i>et al.</i> 2004)
Ascomycota	Sordariomycetes	Incertae sedis	Plectosphaerellaceae	Verticillium	Verticillium leptobactrum	4518	Nematophagous fungi	(Regaieg <i>et al.</i> 2010)

Ascomycota	Sordariomycetes	Lulworthiales	Lulworthiaceae	Zalerion	Zalerion sp KO	6200	saprophytic	(Ananda & Sridhar 2004)
Ascomycota	Sordariomycetes	Microascales	Ceratocystidaceae	Ceratocystis	Ceratocystis paradoxa	7757	plant pathogen	(Damayanti <i>et al.</i> 1995)
Ascomycota	Sordariomycetes	Microascales	Halosphaeriaceae	Tirisporea	Tirisporea sp	6273	saprophytic	(Maria & Sridhar 2004)
Ascomycota	Sordariomycetes	Microascales	Microascaceae	Cephalotrichum	Cephalotrichum nanum	4940	unknown	
Ascomycota	Sordariomycetes	Microascales	Microascaceae	Graphium	Graphium sp UCR2159	967	plant pathogen	(Sorbo <i>et al.</i> 2002)
Ascomycota	Sordariomycetes	Microascales	Microascaceae	Wardomyces	Wardomyces inflatus	8841	saprophytic	(Fracchia <i>et al.</i> 1998)
Ascomycota	Sordariomycetes	Ophiostomatales	Ophiostomataceae	Sporothrix	Sporothrix inflata	7385; 8408	endophyte	(Halmschlager & Kowalski 2003)
Ascomycota	Sordariomycetes	Phyllachorales	Phyllachoraceae	unidentified	uncultured Phyllachoraceae	7168	plant pathogen	(Carlucci <i>et al.</i> 2012)
Ascomycota	Sordariomycetes	Sordariales	Cephalothecaceae	Cephalotheca	Cephalotheca sp	8246; 9432	endophyte	(Hamayun <i>et al.</i> 2011)
Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	Humicola	Humicola fuscoatra var fuscoatra	866	mycoparasit	(Wicklow <i>et al.</i> 1998)
Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	Trichocladium	Trichocladium opacum	8053	saprophytic	(Kwaśna 2002)
Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	unidentified	Chaetomiaceae sp	7157	unknown	(Mangiarotti <i>et al.</i> 1987)
Ascomycota	Sordariomycetes	Sordariales	Lasiosphaeriaceae	Podospora	Podospora sp	3640	saprophytic	(Mirza & Cain 1969; Gloer 1995)
Ascomycota	Sordariomycetes	Sordariales	Lasiosphaeriaceae	unidentified	uncultured	6636	unknown	
Ascomycota	Sordariomycetes	Sordariales	unidentified	unidentified	Sordariales sp	6438; 9887	unknown	
Ascomycota	Sordariomycetes	Sordariales	unidentified	unidentified	uncultured	6735	unknown	
Ascomycota	Sordariomycetes	unidentified	unidentified	unidentified	Sordariomycetes sp	1102; 1344; 2176; 3044; 3228; 3363; 3547; 3943; 4091; 5939; 6651; 6989; 8102; 8886; 9811	unknown	
Ascomycota	Sordariomycetes	Xylariales	Amphisphaeriaceae	Pestalotiopsis	Pestalotiopsis citrina	425	endophyte	(Yu & Liangdong 2003)
Ascomycota	Sordariomycetes	Xylariales	Hyponectriaceae	unidentified	Hyponectriaceae sp	9621	unknown	
Ascomycota	Sordariomycetes	Xylariales	unidentified	unidentified	uncultured	5621	plant pathogen	(Kuwabara <i>et al.</i> 2002)
Ascomycota	Sordariomycetes	Xylariales	unidentified	unidentified	Microdochium		unknown	
Ascomycota	Sordariomycetes	Xylariales	unidentified	unidentified	Xylariales sp	3454	unknown	
Ascomycota	Sordariomycetes	Xylariales	Xylariaceae	Obolarina	Obolarina dryophila	6019	plant pathogen	(Pažoutová <i>et al.</i> 2010)

Ascomycota	Sordariomycetes	Xylariales	Xylariaceae	Xylaria	Xylaria sp 844	2808	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	ascomycete sp DF31	474; 7961	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	ascomycete sp KS10210	7021	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	ascomycete sp olrim79	1343	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp	198; 1303; 1600; 2053; 3741; 3909; 4038; 6463; 6914; 7730; 8981; 9296	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp 6 RB	420; 2204; 2310; 2463; 2704; 3377; 3396; 3582; 4674; 4946; 5098; 5452; 6517; 7531; 7642; 8906; 9065; 10039; 10112; 10175; 10266	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp AR	6944; 8340	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp IBWF11	5382	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp N21	9206	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp N32	5035	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	Ascomycota sp SB9356c	4861	unknown
Ascomycota	unidentified	unidentified	unidentified	unidentified	salal root associated fungus UBCTra1061C	824	root associated
Ascomycota	unidentified	unidentified	unidentified	unidentified	salal root associated fungus UBCTra1340C	7251	root associated
Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured Ascomycota	516; 517; 520; 598; 619; 723; 1577; 1709; 2250; 5749; 5880; 7293; 7483; 7735;	unknown

Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured ectomycorrhiza (Ascomycota)	9461; 9700 8357	EM	
Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured Lemonniera	888	unknown	
Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured Pezizomycotina	253; 777; 1635; 1787; 2608; 3081; 4801; 5125; 5170; 5967; 6059; 6126; 6629; 7856; 8798; 8799; 9194	unknown	
Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured sordariomyceta	3072	unknown	
Ascomycota	unidentified	unidentified	unidentified	unidentified	uncultured Tetracladium	803; 6410	endophyte	(Roldán <i>et al.</i> 1989; Raviraja <i>et al.</i> 1996; Letourneau <i>et al.</i> 2010; Sati & Arya 2010)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Agaricus	Agaricus excellens	748	saprophytic	(Svoboda & Kalač 2003)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Agaricus	Agaricus lanipes	443	saprophytic	(Sammler 2004)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Cystoderma	Cystoderma jasonis var. jasonis	1649	saprophytic	(Berg & Verhoef 1998; Saar <i>et al.</i> 2009)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Cystolepiota	Cystolepiota bucknallii	1568; 5907	saprophytic	(Laessøe <i>et al.</i> 1996)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Lepiota	Lepiota clypeolaria	2791	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Lycoperdon	Lycoperdon nigrescens	6853; 7484	saprophytic	(O'Hanlon & Harrington 2012)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Lycoperdon	Lycoperdon pyriforme	642	saprophytic	(Köpcke <i>et al.</i> 1999; Pecoraro <i>et al.</i> 2007; Reverchon <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Macrolepiota	Macrolepiota mastoidea	2719	saprophytic	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	Melanophyllum	Melanophyllum haematospermum	8737	saprophytic	(Bujakiewicz 1992)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita battarrae	3207	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita fulva	1158	EM	(Mahmood <i>et al.</i> 1999; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita nivalis	1133	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita pantherina	4424	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita phalloides	1820	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita rubescens	1442; 2646; 2784; 5136	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita sp	1601; 1602; 2882; 2971	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita sp Kew 29799	2466; 4985	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita submembranacea	5940	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	unidentified	Amanitaceae sp	2955; 6449	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	unidentified	uncultured Amanita	3361; 4474; 5158	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Bolbitiaceae	Conocybe	Conocybe juniana var sordescens	4846	saprophytic	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Clavariaceae	Clavaria	Clavaria sp	1920	saprophytic	(Young 1927)
Basidiomycota	Agaricomycetes	Agaricales	Clavariaceae	unidentified	Clavariaceae sp	877; 2344; 3141; 10029	unknown	
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius aureocalceolatus	5021	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius casimiri	4273	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius delibutus	3346	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius hercynicus	3370	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius hinnuleoarmillatus	9343	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius hinnuleus	8345	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius largus	9779	EM	(Garnica <i>et al.</i> 2005; Tedersoo

ota								<i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius obsoletus	3954	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius obtusus	3516	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius olivaceofuscus	8078	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius sp	865; 1356; 2028; 2982; 3155; 4750; 5732; 6179; 6397; 6742; 7009; 7988; 8722; 8752; 9248; 9620; 9920	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Cortinarius	Cortinarius sp BB	30; 3558; 5145; 5316; 9536	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Phaeocollybia	Phaeocollybia graveolens	8369	EM/pseudo rrhiza, maybe parasitic	(Redhead & Malloch 1986; Trudell <i>et al.</i> 2004; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Phaeocollybia	Phaeocollybia gregaria	10297	EM/pseudo rrhiza, maybe parasitic	(Redhead & Malloch 1986; Trudell <i>et al.</i> 2004; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	Protoglossum	Protoglossum niveum	5255	EM	(Tedersoo <i>et al.</i> 2010) http://www.indexfungorum.org/names/NamesRecord.asp?RecordID=413900
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	Cortinariaceae sp AT4	4274	unknown	
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Alnicola	2333	EM	(Moreau <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Cortinariaceae	695; 10339	unknown	
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Cortinarius	427; 2390; 2418; 2640;	EM	(Garnica <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)

						4981; 5357; 5716; 6068; 6158; 6159; 6161; 6631; 7633; 9312; 9580		
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Galerina	2934; 3722	saprophytic	(Reverchon <i>et al.</i> 2010; Heimdal 2012)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Hebeloma	1204; 9447	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Inocybe	274; 367; 418; 543; 556; 612; 1481; 1593; 1597; 2326; 2415; 3093; 3219; 3224; 3290; 3631; 4464; 4682; 4930; 4966; 5117; 5344; 5392; 5588; 5820; 6632; 6968; 6970; 6993; 7148; 7572; 7605; 7723; 8388; 9253; 9393; 10139; 10185; 10358	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae	unidentified	uncultured Naucoria	5002	EM	(Keizer & Arnolds 1994)
Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	Entoloma araneosum	128	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	Entoloma dysthaloides	4084	unknown	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	Entoloma proterum	1236	unknown	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	Entoloma strigosissimum	10290	unkown	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	Entoloma	1167	saprophytic	(Tedersoo <i>et al.</i> 2010)

ota					subaraneosum			
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	Laccaria	Laccaria	3572; 3720	EM	(Tedersoo <i>et al.</i> 2010)
ota					amethystina			
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	Laccaria	Laccaria bicolor	4718	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	Laccaria	Laccaria sp	107; 2110; 3598; 5131; 9066; 9483	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	Laccaria	Laccaria sp GMM7601	4573	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	Laccaria	Laccaria sp HKAS53725	3995	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hydnangiaceae	unidentified	Hydnangiaceae sp	105; 260; 1735; 2177; 7996	unknown	
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrocybe	Hygrocybe conica	7726	saprophytic	(Pecoraro <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus discoideus	2432; 3717; 4833; 7101; 8154; 9060	EM	(Haug 2002; Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus discoxanthus	7173; 7696; 9762	EM	(Lagana <i>et al.</i> 2002; Pecoraro <i>et al.</i> 2007)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus eburneus	2687; 2692; 4117; 4125; 8042; 9843	EM	(Pecoraro <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus hypothejus	8633; 8870	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus pustulatus	1042; 1045; 1240; 1492; 1529; 2838; 2869; 2888; 3296; 3747; 3868; 3986; 4666; 5034; 5036; 6205; 6469; 6504; 6506; 6681; 7112; 7503; 7713; 7837; 7860; 9049;	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus sp HyG1	9055; 9211; 9585; 9588; 9876 793; 794; 3727; 3728; 3885; 3887; 6189; 8379	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Hygrophorus	Hygrophorus unicolor	4004; 4517; 8791; 9226; 9342	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	unidentified	uncultured Hygrophorus	2157; 2257; 3078; 3080; 3419; 3839; 3874; 4626; 6521; 6820; 7811; 7903	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe abjecta	7166	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe albomarginata	1594; 1818; 2860	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe angulatosquamulosa	5070	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe bongardii	1000; 5856	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe cf asterospora EL14305	1026; 8174; 8868; 10322; 10349	EM	(Mosca <i>et al.</i> 2007; Pecoraro <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010) http://www.uni-goettingen.de/de/97308.html
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe cf pseudoreducta EL24B07	1319	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe cincinnata	459; 1035; 4826; 10165	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe erinaceomorpha	2436; 6472; 7414	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe fibrosoides	3068; 9120	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe geophylla	2198; 8882; 9861	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe geophylla	3889	EM	(Tedersoo <i>et al.</i> 2010)

ota					var. geophylla			
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe hirtella	8074	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe lanuginosa var ovatocystis	3484	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe lilacina	5875	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe maculata	798; 2150; 2528; 6238; 7532; 7534	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe petiginosa	3643; 3645; 6381	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe pseudoreducta	4175; 5127	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe rhodiola	9995; 9999	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe rimosa	6546	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sindonia	883; 3490; 4749; 5134; 6459; 7396	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sp	434; 552; 613; 656; 846; 1222; 1247; 1645; 1728; 1868; 2060; 2298; 2319; 2500; 2509; 2618; 2721; 3226; 3700; 5432; 5434; 7717; 7919; 8372; 8528; 8610; 8623; 8740; 9087; 9300; 9714; 10035; 10113; 10115; 10154	EM	(Tedersoo <i>et al.</i> 2010)
ota								
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sp MHOBL	8916	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sp SB60	7077	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sp SB78	1778	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe sp TO	5116	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe subnudipes	1405; 3974; 5745	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe transitoria	9941	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe umbratica	5709; 5711; 9930	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	unidentified	Inocybaceae sp	431; 1456; 1828; 2156; 2161; 2546; 2964; 3233; 3345; 3881; 4230; 4652; 4805; 4968; 4972; 5353; 5644; 5743; 5845; 6850; 7241; 8208; 8316; 8485; 8865; 9212; 9573; 9659; 9792; 9870; 10057	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Gymnopus	Gymnopus peronatus	10289	saprophytic	(Lankinen <i>et al.</i> 2011)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Hydropus	Hydropus sp	1953; 9436	EM	(Tedersoo & Smith 2013)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Marasmiellus	Marasmiellus ramealis	5121	saprophytic	(Kovacs 2001)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Marasmius	Marasmius rotula	9168	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Marasmius	Marasmius scorodonium	5921; 8706	saprophytic	(Bouws <i>et al.</i> 2008)
Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Marasmius	Marasmius tricolor	3125	saprophytic	http://www.societe-mycologique-poitou.org/Marasmiellus-tricolor-

Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae	Megacollybia	Megacollybia platyphylla	4551; 4552	saprophytic	Alb-et-Schw.html (Burrill <i>et al.</i> 1999; Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Hemimycena	Hemimycena cucullata	7977	unknown (most probably saprophytic)	
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Hemimycena	Hemimycena pseudolactea	7975	unknown (most probably saprophytic)	
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena aff murina D11c	460; 2182	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena albidolilacea	1225; 1686; 4258; 4550; 5772; 6343	saprophytic	(Lagana <i>et al.</i> 2002)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena algeriensis	3438; 8547	saprophytic	(Perini <i>et al.</i> 2011)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena alnetorum	10194; 10399	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena angusta	3633	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena arcangeliana	1166; 3405; 4320; 4538	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena aurantiomarginata	9276	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena capillaripes	1471; 6695; 9650	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena epipterygia	3775; 4479; 4528; 5704; 6024; 8880	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena filopes	360	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena flavoalba	1151; 2050; 6298; 6957	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena leptocephala	1850; 8588	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena maurella	8419	saprophytic	(Gebauer & Dietrich 1993)

ota								
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena plumbea	1072	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena pura	9939	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena purpureofusca	1219	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena simia	6002; 7032; 7126; 7127; 7547; 9114	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena sp	7; 237; 379; 910; 1937; 2099; 2285; 2636; 3076; 3107; 3253; 3915; 4129; 5177; 5215; 5408; 5831; 6572; 6773; 7492; 7847; 7950; 8135; 8415; 8598; 8817; 8885; 9437; 9562	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena sp 1 KO	1653; 2851; 2918; 3281; 4453; 5951; 6461; 6816; 7081; 8288; 8875; 8876; 9422; 10094	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena sp H05	7867; 9823	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena sp MCVE 997	361	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena sp MKACC51882	10034	saprophytic	(Gebauer & Dietrich 1993)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	Mycena	Mycena zephirus	538; 8758; 8956	saprophytic	(Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae	unidentified	Mycenaceae sp	28; 643; 738;	saprophytic	(Gebauer & Dietrich 1993)

ota						1302; 1386; 1769; 1959; 2287; 2447; 2621; 2730; 3164; 3313; 3734; 4032; 4224; 4516; 4571; 4643; 4780; 4956; 5014; 5249; 5324; 5602; 5852; 5871; 5991; 6342; 6453; 6650; 6719; 7391; 7799; 8022; 8700; 8712; 8746; 8832; 9459; 9800; 9963; 10076; 10083; 10241		
Basidiomycota	Agaricomycetes	Agaricales	Niaceae	Flagelloscypha	Flagelloscypha minutissima	2540; 2651; 4737	saprophytic	(Piatek & Cabala 2004 in (Danielsen 2013)
Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria	Armillaria cepistipes	3597; 6172; 8582	plant pathogen	(Lygis <i>et al.</i> 2005)
Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria	Armillaria gallica	4065; 5770	plant pathogen	(Saville <i>et al.</i> 1996)
Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria	Armillaria ostoyae	365; 6196; 8248	plant pathogen	(Entry <i>et al.</i> 1991)
Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Hymenopellis	Hymenopellis radicata	4341	unknown	
Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	unidentified	Cibaomyces glutinis	9463	unknown	(Yan-Jia <i>et al.</i> 2014)
Basidiomycota	Agaricomycetes	Agaricales	Psathyrellaceae	Coprinellus	Coprinellus micaceus	9470	saprophytic	(Pearce & Malajczuk 1990; Navarro González 2008)
Basidiomycota	Agaricomycetes	Agaricales	Psathyrellaceae	Coprinopsis	Coprinopsis jonesii	764	unknown	
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Agrocybe	Agrocybe erebia	24; 1565; 2081; 2441; 3188; 3699;	saprophytic	(Yoshida & Muramatsu 1994)

Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Agrocybe	Agrocybe praecox	5861; 6962; 7073; 9328 1803; 1808; 2965; 4417	saprophytic	(Steffen <i>et al.</i> 2002)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Galerina	Galerina fallax	9468	saprophytic	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Galerina	Galerina nana	8900	saprophytic	(Gulden <i>et al.</i> 2005)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Galerina	Galerina pseudocamerina	6928; 9389	saprophytic	(Tedersoo <i>et al.</i> 2010); http://wwwuser.gwdg.de/~rjahn/Pilzbrieft/PB_Bd_5_10.pdf (Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hebeloma	Hebeloma leucosarx	4221	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hebeloma	Hebeloma sinapizans	4853	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hymenogaster	Hymenogaster citrinus	1667	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hymenogaster	Hymenogaster huthii	9386	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hymenogaster	Hymenogaster sp 1 SGT	2385; 5385	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hymenogaster	Hymenogaster sp 2 SGT	2073	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hymenogaster	Hymenogaster vulgaris	111; 1748	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Hypholoma	Hypholoma fasciculare	7936	saprophytic	(Hynes <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Naucoria	Naucoria bohemica	817; 819; 4892; 5872; 5902	EM	(Keizer & Arnolds 1994)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Naucoria	Naucoria striatula	2334	EM	(Pritsch <i>et al.</i> 1997)
Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Pholiota	Pholiota squarrosa	9071	plant pathogen	(Boerema & Verhoeven 1973)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Clitocybe	Clitocybe sp	3152	saprophytic	(Matheny <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Delicatula	Delicatula integrella	9325	saprophytic	(Gubitz 2011)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Lepista	Lepista sordida	2443; 6584	saprophytic	(Choi <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Mycenella	Mycenella bryophila	5933	saprophytic	(Bujakiewicz 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Mycenella	Mycenella lasiosperma	10301	unknown (most probably saprophytic)	
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Mycenella	Mycenella sp	17; 1497; 8147; 8157; 9196; 10302	unknown (most probably saprophytic)	
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Mycenella	Mycenella trachyspora	2355; 6242; 9845	unknown (most probably saprophytic)	
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Pseudoomphalina	Pseudoomphalina pachyphylla	9753	saprophytic	(Malysheva <i>et al.</i> 2011)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Tricholoma	Tricholoma lascivum	1180; 1882; 3244; 3850; 5010; 6564; 8069; 10233	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Tricholoma	Tricholoma sp	7044	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Tricholoma	Tricholoma sulphureum	1421	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Tricholoma	Tricholoma ustale	296	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Laccaria	775; 2417; 4619; 7197; 7228; 7497; 7602; 8979	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Mycena	55; 368; 566; 580; 724; 932; 1194; 1435; 1467; 1557; 1675; 1871; 2001; 2077; 2522; 2940;	saprophytic	(Gebauer & Dietrich 1993)

						3181; 3566; 3649; 3829; 4133; 4281; 4590; 4591; 4635; 5103; 5433; 5812; 6154; 6181; 6232; 6561; 6873; 6959; 7031; 7103; 7545; 7601; 7861; 7924; 8027; 8134; 8169; 8583; 8790; 8911; 9019; 9038; 9090; 9239; 9242; 9319; 9570; 10082; 10128; 10338		
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Pleurotopsis	1190	saprophytic	http://www.elfram.com/fungi/fungipics_p.html ; http://nzfungi.landcareresearch.co.nz/html/data_photo.asp?ID=&name=Pleurotopsis~longinqua&NAMEPKey=8295 (Orton 1986; Aanen <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Tephroclybe sp	9158; 9159	saprophytic	(Orton 1986; Aanen <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Tricholoma	9193	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	unidentified	uncultured Tricholomataceae	9272	unknown	
Basidiomycota	Agaricomycetes	Agaricales	unidentified	unidentified	Agaricales sp	572; 1815; 3075; 4223; 7262; 8083; 8468; 9388; 9682	unknown	
Basidiomycota	Agaricomycetes	Agaricales	unidentified	unidentified	uncultured Agaricales	4555	unknown	
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Amphinema	Amphinema sp 1 UK	2271; 6688;	EM	http://www.deemy.de/taxa/Item

ota						10387		Description.cfm?ItemID=15 http://www.uqac.ca/rossi/material/DEEMY%20anphinema.pdf (Agerer 1987)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Amphinema	Amphinema sp 5 UK	606; 9752	EM	http://www.deemy.de/taxa/ItemDescription.cfm?ItemID=15 http://www.uqac.ca/rossi/material/DEEMY%20anphinema.pdf (Agerer 1987)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Amphinema	Amphinema sp T1PK3	6890	EM	http://www.deemy.de/taxa/ItemDescription.cfm?ItemID=15 http://www.uqac.ca/rossi/material/DEEMY%20anphinema.pdf (Agerer 1987)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Athelopsis	Athelopsis lembospora	19; 5833; 8522	saprophytic	(Laursen <i>et al.</i> 2002)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Byssocorticium	Byssocorticium sp	2394	unknown	
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Piloderma	Piloderma lanatum	1400; 3978; 4087; 4272; 4406; 5281; 5769; 6842; 6980; 6981; 7231; 8725; 8983; 9820	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Piloderma	Piloderma sp	5409	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Piloderma	Piloderma sp B328	2840; 5518; 7311; 8275	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Tylospora	Tylospora asterophora	1493; 1904; 2200; 5047; 5287; 5608; 5611; 7156; 7880	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Tylospora	Tylospora sp	6317; 9964; 10101; 10102	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	unidentified	Atheliaceae sp	187; 366; 1304; 1553; 2215; 2489; 3601; 4351;	unknown	

						4763; 4783; 4817; 5430; 5521; 5570; 5649; 5827; 5828; 5864; 6051; 6052; 6053; 6991; 7438; 7464; 7959; 8168; 8276; 8384; 9339; 9519; 9574; 9671; 9675		
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	unidentified	uncultured Amphinema	252; 502; 574; 621; 661; 997; 1079; 1866; 1870; 2015; 2270; 2596; 3308; 3404; 3614; 3662; 4249; 4257; 4457; 4617; 4689; 5146; 5701; 6061; 6355; 6392; 6479; 6538; 6766; 7084; 7331; 7758; 8001; 8177; 8787; 8795; 9145; 9238; 9598; 9863; 10251	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	unidentified	uncultured Atheliaceae	3746; 4033; 7327; 8348	unknown	
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	unidentified	uncultured Piloderma	5700; 8173	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	unidentified	uncultured Tylospora	1229; 1989; 1999; 2084; 2487; 2607;	EM	(Tedersoo <i>et al.</i> 2010)

						2612; 2865; 2950; 3321; 4073; 5612; 6098; 6617; 7019; 7114; 7501; 7671; 8051; 8313; 9161; 9382; 9844		
Basidiomycota	Agaricomycetes	Atheliales	unidentified	unidentified	Atheliales sp	760; 1103; 1697; 1736; 2071; 2399; 2773; 2774; 2778; 5221; 5593; 5789; 6263; 7164; 7259; 8491; 8856; 9201	unknown	
Basidiomycota	Agaricomycetes	Auriculariales	Incertae sedis	Auricularia	Auricularia auricula	7172	saprophytic	(Zervakis <i>et al.</i> 2001)
Basidiomycota	Agaricomycetes	Auriculariales	Incertae sedis	Auricularia	Auricularia sp	9934	unknown	
Basidiomycota	Agaricomycetes	Auriculariales	Incertae sedis	Oliveonia	Oliveonia pauxilla	6491	EM/Orchid mycorrhiza	(Kristiansen <i>et al.</i> 2001; Rasmussen 2002)
Basidiomycota	Agaricomycetes	Auriculariales	unidentified	unidentified	Auriculariales sp	508; 757; 1273; 3146; 10003	unknown	
Basidiomycota	Agaricomycetes	Auriculariales	unidentified	unidentified	uncultured Auriculariales	3756	unknown	
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Boletus	Boletus badius	1266; 5198	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Boletus	Boletus chrysenteron	6030	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Tylopilus	Tylopilus felleus	2188	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	unidentified	uncultured Boletus	856; 2880; 3220; 3287; 3431; 5293; 5943; 9758	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	unidentified	uncultured	5549	EM	(Orihara <i>et al.</i> 2010)

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Basidiomycota	Agaricomycetes	Boletales	Boletaceae	unidentified	uncultured Xerocomus	469; 470; 1063; 1479; 1678; 1869; 1928; 3007; 4024; 4778; 4953; 5303; 5811; 6285; 6439; 7772; 7835; 7980; 8155; 9486; 10331	EM	(Agerer 2001; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomellus	Xerocomellus cisalpinus	2325; 9881; 10085	EM	(Agerer 2001; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomellus	Xerocomellus pruinatus	9711	EM	(Agerer 2001; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomellus	Xerocomellus rubellus	4583	EM	(Agerer 2001; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomus	Xerocomus sp	178; 673; 1248; 2315; 2937; 4302; 5304; 5443; 5463; 5556; 5661; 6612; 6953; 7766; 7952; 7986; 10004	EM	(Agerer 2001; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Paxillaceae	Melanogaster	Melanogaster intermedius	1425; 1426; 3047; 7524; 7810	EM	(Graf <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Paxillaceae	Melanogaster	Melanogaster sp	2431; 6368; 10315	EM	(Graf <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Paxillaceae	Paxillus	Paxillus sp	8668; 8669	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Paxillaceae	unidentified	uncultured Paxillus	9518	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Sclerodermataceae	Scleroderma	Scleroderma citrinum	1833	EM	(Colpaert & Van Assche 1993; Pecoraro <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Boletales	Sclerodermataceae	Scleroderma	Scleroderma sp	1830; 6493	EM	(Tedersoo <i>et al.</i> 2010)

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Basidiomycota	Agaricomycetes	Boletales	Sclerodermataceae	Scleroderma	Scleroderma verrucosum	7225; 7280	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Serpulaceae	Serpula	Serpula himantioides	1410	plant pathogen	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	Suillaceae	Suillus	Suillus luteus	1016; 2585; 7957	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Boletales	unidentified	unidentified	Boletales sp	9148	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Cantharellales	Botryobasidiaceae	Botryobasidium	Botryobasidium sp	6010	saprophytic	(Küffer <i>et al.</i> 2008)
Basidiomycota	Agaricomycetes	Cantharellales	Cantharellaceae	Craterellus	Craterellus sp	378	EM	(Liston & Harrington 2012)
Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	Ceratobasidium	Ceratobasidium sp	3539	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	Ceratobasidium	Ceratobasidium sp AG	3648	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	Ceratobasidium	Ceratobasidium sp Rr82	4911	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	unidentified	Ceratobasidiaceae sp	9297	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	unidentified	uncultured Ceratobasidiaceae	7475	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Clavulinaceae	Clavulina	Clavulina sp	1658; 2680; 2858; 3507; 4103; 5688; 6648; 8577; 9360; 10091	EM	(Landeweert <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Cantharellales	Clavulinaceae	Clavulina	Clavulina sp BZ24089	120	EM	(Landeweert <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Cantharellales	Clavulinaceae	Membranomyces	Membranomyces spurius	5176	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Cantharellales	Clavulinaceae	unidentified	Clavulinaceae sp	220; 1208; 2668; 5550; 5929; 6078; 7360; 8003; 8466; 10037	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Clavulinaceae	unidentified	uncultured Clavulina	452; 683; 5340; 6539; 9189	EM	(Landeweert <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Cantharellales	Hydnaceae	Hydnum	Hydnum ellipsosporum	467; 1299; 1740; 1746; 2137; 2138; 4231; 8749	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Cantharellales	Hydnaceae	Sistotrema	Sistotrema sp	5411; 5414	unknown	
Basidiomycota	Agaricomycetes	Cantharellales	Hydnaceae	unidentified	uncultured Hydnum	8692	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Geastrales	Geastraceae	Geastrum	Geastrum fimbriatum	4411; 7716	EM	deemy.de
Basidiomycota	Agaricomycetes	Hymenochaetales	Repetobasidiaceae	Rickenella	Rickenella fibula	9899	saprophytic (associated with Bryophytes)	(Vandekerkhove <i>et al.</i> 2003)
Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	Hyphodontia	Hyphodontia breviseta	1475; 5959; 10224	saprophytic	(Larsson <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	Hyphodontia	Hyphodontia pallidula	4775; 9902	saprophytic	(Larsson <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	Hyphodontia	Hyphodontia sp	6607	saprophytic	(Larsson <i>et al.</i> 2006; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	Xylodon	Xylodon sambuci	9895	saprophytic	(Ottosson 2013)
Basidiomycota	Agaricomycetes	Hymenochaetales	unidentified	unidentified	Hymenochaetales sp	43; 8416	saprophytic	(Kirby <i>et al.</i> 1990; Larsson <i>et al.</i> 2006; Hynes <i>et al.</i> 2007; Tedersoo <i>et al.</i> 2010; Yurchenko & Wu 2013)
Basidiomycota	Agaricomycetes	Hymenochaetales	unidentified	unidentified	uncultured Resinicium	102; 2276; 4012; 4532; 5268; 6531; 8380	saprophytic	(Kirby <i>et al.</i> 1990; Hynes <i>et al.</i> 2007)
Basidiomycota	Agaricomycetes	Incertae sedis	Incertae sedis	Cotylidia	Cotylidia undulata	9556	saprophytic	(Yu-Cheng 2012)
Basidiomycota	Agaricomycetes	Phallales	Phallaceae	Phallus	Phallus impudicus	705	saprophytic	(Shorrocks & Charlesworth 1982)
Basidiomycota	Agaricomycetes	Polyporales	Ganodermataceae	Ganoderma	Ganoderma applanatum	1183; 2373	plant pathogen	(Moore 1974)
Basidiomycota	Agaricomycetes	Polyporales	Meripilaceae	Hydnopolyporus	Hydnopolyporus fimbriatus	91; 6294	saprophytic	(Gerber & Loguercio-Leite 2000)
Basidiomycota	Agaricomycetes	Polyporales	Meripilaceae	Physisporinus	Physisporinus	4187; 8469	saprophytic	http://www.indexfungorum.org/n

ota					sanguinolentus			ames/NamesRecord.asp?RecordID=277414; http://www.speciesfungorum.org/names/SynSpecies.asp?RecordID=338623; (Iakovlev <i>et al.</i> 2004; Schwarze & Landmesser 2005; Schmidt <i>et al.</i> 2009)
Basidiomycota	Agaricomycetes	Polyporales	Meruliaceae	Hypochnicium	Hypochnicium geogenium	6249	unknown	
Basidiomycota	Agaricomycetes	Polyporales	Meruliaceae	Phlebia	Phlebia sp DLL2011	306	saprophytic	(Niranjane <i>et al.</i> 2007; Wu <i>et al.</i> 2010; Moreno <i>et al.</i> 2011)
Basidiomycota	Agaricomycetes	Polyporales	Meruliaceae	Phlebia	Phlebia uda	1297	saprophytic	(Wu <i>et al.</i> 2010; Moreno <i>et al.</i> 2011)
Basidiomycota	Agaricomycetes	Polyporales	Meruliaceae	Scopuloides	Scopuloides hydroides	292; 7780	saprophytic	(Fredskild & Ødum 1990)
Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae	Daedaleopsis	Daedaleopsis rubescens	6523	saprophytic	http://www.indexfungorum.org/names/NamesRecord.asp?RecordID=296431; (Rösecke & König 2000)
Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae	Diplomitoporus	Diplomitoporus rimosus	2058	saprophytic	(Ghobad-Nejhad & Dai 2010)
Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae	Skeletocutis	Skeletocutis nivea	2313; 5814	saprophytic	(Küffer <i>et al.</i> 2008)
Basidiomycota	Agaricomycetes	Polyporales	unidentified	unidentified	Polyporales sp	1452	unknown	
Basidiomycota	Agaricomycetes	Polyporales	Xenasmataceae	Xenasmataella	Xenasmataella sp	5924; 7140	saprophytic	(Vries 1990; Abrego & Salcedo 2011)
Basidiomycota	Agaricomycetes	Russulales	Bondarzewiaceae	Heterobasidion	Heterobasidion sp Cui78	3158	plant pathogen/saprophyte	(Yen PiChao <i>et al.</i> 2002; Gori <i>et al.</i> 2013)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Arcangeliella	Arcangeliella sp	9144; 10228	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius badiosanguineus	1665; 5279; 7896	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius blennius	867; 3117; 4214; 4560; 4562; 6855; 6856; 9657; 9900; 9901; 10111	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius deterrimus	3050; 5061;	EM	(Tedersoo <i>et al.</i> 2010)

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Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius flexuosus var. roseozonatus	3884	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius fluens	3010; 3544; 8253	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius fulvissimus	974; 1537; 3467	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius lanceolatus	5668	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius obscuratus	4506	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius olivinus	3680	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius pallidus	1861	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius pterosporus	8088	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius quietus	63; 184; 185; 207; 1005; 1007; 1173; 1922; 2120; 2324; 2327; 2732; 2756; 3003; 3023; 3232; 3332; 3453; 3463; 3603; 3749; 3876; 4256; 4326; 4376; 4548; 4747; 4976; 5087; 5128; 5525; 5876; 5879; 5891; 5904; 5923; 5995; 6067; 6073; 6156; 6267; 6703; 6705; 7005; 7728; 8058; 8226;	EM	(Tedersoo <i>et al.</i> 2010)

						8227; 8251; 8599; 8605; 8665; 8839; 8987; 9098; 9318; 9522; 9662; 9892; 10056		
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius romagnesii	1017	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius ruginosus	2887	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius scrobiculatus	60; 363; 1245; 4362; 4364; 5216; 6680; 7562; 7928; 8057; 9503; 10254	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius semisanguifluus	6180; 6528	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius sp	10292	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius sp H12	1114; 1984; 4744; 6625; 6647; 9210	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactarius	Lactarius subdulcis	1606; 6929; 7199; 8148	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactifluus	Lactifluus bertillonii	333	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Lactifluus	Lactifluus vellereus	5355; 7631; 8092	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula acrifolia	1418; 4700; 4704; 5884; 9131; 9287; 9660	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula amethystina	6793; 6823; 7981; 9250	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula amoenolens	1321; 2729; 4456; 6371; 6372; 6373	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula badia	783; 2755;	EM	(Tedersoo <i>et al.</i> 2010)

ota						3229; 3987; 7528		
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula brunneoviolacea	5312	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula cf aeruginea E00186067	1373; 1376; 1580; 2201; 2623; 3156; 3342; 3385; 3698; 3824; 4579; 4695; 8182; 8423; 8699; 9085	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula chloroides	5589	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula delica	4330; 4331; 4716; 6552	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula emetica	4545	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula faustiana	7096	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula fellea	534; 2681; 3214; 3513; 3801; 4197; 5728; 6380; 9173	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula firmula	98; 321; 387; 475; 670; 676; 863; 954; 1047; 1690; 1724; 2199; 2202; 2365; 2544; 2557; 2949; 2952; 3106; 3271; 3391; 3964; 3979; 4112; 4113; 4309; 4491; 4521; 5163; 5214; 5321; 5337;	EM	(Tedersoo <i>et al.</i> 2010)

						5641; 5676; 5702; 6122; 6383; 6450; 6451; 6482; 6778; 6804; 6923; 7014; 7119; 7139; 7154; 7165; 7841; 7937; 8295; 8457; 8849; 8978; 9051; 9162; 9587; 9605; 10255		
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula foetens	279	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula fragilis	4280; 5011; 5638; 9256; 10329	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula grata	1854; 4530	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula heterophylla	3985	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula integra	186; 344; 956; 1107; 1570; 1700; 2337; 2456; 2653; 2739; 2744; 2986; 3856; 3858; 4914; 4964; 5468; 6925; 7244; 7487; 7650; 8011; 8015; 8189; 8741; 8973; 9036	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula nigricans	8645	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula nobilis	5651	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula occidentalis	555	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula ochroleuca	9; 129; 139; 487; 730; 766; 968; 975; 1032; 1148; 1474; 1522; 1542; 1706; 1767; 1768; 1831; 1834; 2024; 2223; 2370; 2494; 2637; 2683; 2695; 2759; 2885; 3045; 3339; 3527; 3564; 3567; 3682; 4132; 4151; 4355; 4574; 4575; 4798; 4937; 4991; 5071; 5229; 5495; 5530; 5595; 5605; 5807; 5849; 5854; 6057; 6125; 6389; 6454; 6480; 6554; 6555; 6768; 7200; 7220; 7410; 7542; 7774; 7865; 8109; 8210; 8510; 8891; 8937; 9086; 9259; 9327; 9336; 9369; 9487; 9608; 9724; 9778;	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula olivacea	9812; 10006; 10269; 10382 4600; 4827; 5657	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula paludosa	20; 21; 781	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula pelargonia	8957	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula puellaris	79	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula queletii	3713; 4100; 6497; 9387	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula rosea	4525; 10086	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sanguinea	3198; 4317	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sapinea	1799; 2027; 3678; 4667; 7208; 8683	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sardonina	8684	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sp	2220; 3852; 4006; 6204	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sp 10 ZWG	6551; 7632; 9407	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sp 2371	7339	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sp BB	62; 1441; 6729; 10027	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula sp CT3	2554; 3384	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula vesca	9125	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula vetermosa	1641; 4050; 6299; 7965	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula viscida	2389; 3114; 7378	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula xerampelina	4967; 5506; 5730; 9871; 9872	EM	(Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Russulales	Russulaceae	unidentified	Russulaceae sp	299; 510; 1140; 1503; 1988; 2079; 2234; 2273; 2601; 2772; 2821; 2822; 3026; 3804; 4349; 4804; 4870; 4915; 4926; 4927; 5039; 5243; 6107; 6109; 6440; 6808; 7336; 7432; 7635; 8261; 8376; 8517; 8554; 8689; 8691; 8815; 8929; 9093; 9770; 9880; 10364	EM	As all Russulaceae in this study were classified as ectomycorrhiza all fungi of this family were supposed to be ectomycorrhiza (Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	unidentified	uncultured Lactarius	11; 229; 272; 291; 406; 426; 450; 453; 645; 721; 755; 784; 812; 858; 872; 953; 1110; 1111; 1119; 1159; 1404; 1595; 1603; 1620; 1680; 1771; 1773; 1825; 1862; 1912; 1941; 1980; 2012; 2013; 2083; 2197; 2252; 2320; 2356; 2357; 2395; 2412; 2419;	EM	As all Lactarius in this study were classified as ectomycorrhiza all fungi of this family were supposed to be ectomycorrhiza (Tedersoo <i>et al.</i> 2010)

2673; 2795;
2833; 2975;
3011; 3189;
3316; 3334;
3409; 3410;
3608; 3622;
3646; 3758;
3813; 3963;
4066; 4145;
4161; 4461;
4508; 4543;
4605; 4611;
4687; 4693;
4723; 4935;
4945; 4983;
5018; 5280;
5299; 5363;
5397; 5448;
5639; 5785;
5903; 5982;
6155; 6235;
6519; 6658;
6721; 6797;
6811; 6851;
6854; 7083;
7178; 7207;
7277; 7291;
7372; 7373;
7691; 7712;
7746; 7769;
7770; 7791;
7792; 7814;
7850; 7866;
8071; 8085;
8103; 8262;
8327; 8332;
8450; 8498;
8539; 8661;
8764; 8831;
8955; 8998;

Basidiomycota	Agaricomycetes	Russulales	Russulaceae	unidentified	uncultured Russula	9000; 9037; 9063; 9111; 9141; 9184; 9314; 9324; 9378; 9399; 9509; 9532; 9666; 9703; 9704; 9715; 9723; 9749; 9756; 9784; 9838; 10069; 10077; 10156; 10298 10; 51; 94; 109; 115; 117; 138; 150; 151; 518; 549; 690; 762; 816; 1014; 1057; 1106; 1108; 1636; 1729; 1730; 1797; 1858; 1873; 1921; 2063; 2098; 2113; 2135; 2189; 2221; 2274; 2277; 2404; 2480; 2481; 2483; 2493; 2496; 2538; 2696; 2716; 2771; 2904; 2978; 2980; 3008; 3340; 3352; 3436; 3483; 3688; 3729; 3959; 4005; 4092; 4152; 4334;	EM	As all Russulaceae in this study were classified as ectomycorrhiza all fungi of this family were supposed to be ectomycorrhiza (Tedersoo <i>et al.</i> 2010)
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						4347; 4449; 4761; 4824; 4885; 5043; 5104; 5365; 5480; 5558; 5681; 5808; 5840; 5842; 5843; 5889; 5895; 5958; 5974; 6103; 6104; 6138; 6150; 6282; 6638; 6641; 6665; 6701; 6722; 6792; 6869; 6878; 6985; 7079; 7190; 7236; 7416; 7455; 7496; 7574; 7715; 7768; 7783; 7884; 8095; 8191; 8213; 8270; 8389; 8398; 8410; 8519; 8590; 8594; 8636; 8694; 8968; 8988; 9123; 9140; 9177; 9180; 9692; 9701; 9795; 9915; 9970; 10096; 10187; 10272; 10276; 10310; 10324		
Basidiomycota	Agaricomycetes	Russulales	Russulaceae	unidentified	uncultured Russulaceae	2495; 3466; 5426	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Russulales	Stephanosporaceae	unidentified	Stephanosporaceae	1793; 2047	unknown	

ota					sp KO			
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina cystidiata	1015; 1853; 3411; 9329	EM	(Weiss <i>et al.</i> 2004; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina dimitica	3519; 7246	EM	1
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina epigaea	34; 857; 1278; 1559; 1961; 5015; 5389; 5739; 5966; 7247; 9026; 9171; 9224; 9623; 9951	EM	http://www.uni-goettingen.de/de/98525.html
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina helvelloides	10249	EM	1
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina incrustans	96; 488; 3502; 4613; 5369; 7809; 7989; 10334	EM	(Kerry 1990; Urban <i>et al.</i> 2003; Murat <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina sp	141; 389; 632; 1022; 1053; 1264; 1954; 2581; 2781; 2798; 2915; 3029; 3596; 3691; 3772; 3927; 4433; 4486; 4561; 4654; 4697; 4756; 4768; 5531; 5788; 5874; 5934; 6079; 6080; 6657; 7035; 7037; 7132; 7263; 7826; 7953; 8648; 8717; 9222; 9273; 9526; 9732; 9801; 9807; 9916;	EM (maybe saprophytic)	(Kerry 1990; Tedersoo <i>et al.</i> 2010)

Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	Sebacina	Sebacina sp 151	9918; 10126; 10365 562	EM (maybe saprophytic)	(Kerry 1990; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	unidentified	Helvellosebacina helvelloides	3744	unknown	
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	unidentified	Sebacinaceae sp	577; 801; 1469; 2439; 2762; 2892; 3116; 3237; 3257; 3587; 3589; 3774; 3957; 4773; 4834; 5157; 5192; 5507; 5796; 6331; 6671; 7121; 7357; 8137; 8138; 8626; 8778	EM (maybe saprophytic)	As all Sebacinaceae in this study were classified as ectomycorrhiza (or maybe saprophytic) all fungi of this family were supposed to be ectomycorrhiza (Kerry 1990; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	unidentified	uncultured endomycorrhiza of Neottia nidus	2814; 5683	edendomycorrhiza_of_Neottia_nidus_avis	
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	unidentified	uncultured Sebacina	1226; 2513; 3239; 4293; 4602; 4715; 5260; 6243; 7511; 7561; 7619; 7738; 7990; 8716	EM	(Kerry 1990; Urban <i>et al.</i> 2003; Murat <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Sebacinales	Sebacinaceae	unidentified	uncultured Sebacinaceae	1256; 6277; 6877	EM	(Kerry 1990; Urban <i>et al.</i> 2003; Murat <i>et al.</i> 2005; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Amaurodon	Amaurodon sp	9769	saprophytic	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Pseudotomentella	Pseudotomentella sp	843; 1037; 4435; 5707	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Thelephora	Thelephora	205	EM	(Pritsch <i>et al.</i> 2000; Tedersoo

ota					castanea			<i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Thelephora	Thelephora palmata	4787	EM	(Pritsch <i>et al.</i> 2000; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Thelephora	Thelephora terrestris	2533	EM	(Pritsch <i>et al.</i> 2000; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella atroarenicolor	2974	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella bryophila	5019	EM	(Kõljalg <i>et al.</i> 2002; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella cinereoumbrina	3786	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella ellisii	8860	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella lilacinogrisea	8845	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella sp	36; 201; 952; 1285; 2359; 3388; 4106; 4522; 5159; 6654; 7578; 8199; 8816; 10265	EM	(Jakucs & Erős-Honti 2008; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella sp 2 BB	2016; 3443; 3644; 6828; 6831; 7588; 7776; 8453	EM	(Jakucs & Erős-Honti 2008; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella sp O53	93	EM	(Jakucs & Erős-Honti 2008; Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	Tomentella	Tomentella sublilacina	23; 6326; 7296; 8106	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Thelephorales	Thelephoraceae	unidentified	Thelephoraceae sp	112; 130; 215; 218; 430; 607; 617; 707; 925; 930; 1310; 1345; 1412; 1683; 1917; 2101; 2209; 2211; 2305; 2323; 2360;	EM	As all Thelephoraceae in this study were classified as ectomycorrhiza all fungi of this family were supposed to be ectomycorrhiza

						2361; 2398; 2666; 2753; 2864; 3494; 3554; 3821; 4213; 4297; 4298; 4604; 4698; 5045; 5654; 5689; 6115; 6359; 6377; 6456; 6697; 7224; 7536; 7620; 7645; 8273; 8322; 8393; 8400; 8451; 8454; 8544; 8823; 8824; 9094; 9110; 9223; 9346; 9545; 9578; 9626; 9790		
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	Telephoraceae sp B110	10018	EM	
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	Telephoraceae sp B275	9221	EM	
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	Telephoraceae sp B326	5343	EM	
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	Telephoraceae sp P104	7585	EM	
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	Telephoraceae sp P320	8108	EM	
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	uncultured Pseudotomentella	2562; 2708	EM	(Tedersoo <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	uncultured Telephora	87; 847; 1933; 2122; 2420; 4820; 7060; 7886; 9384	EM	As all Telephora in this study were classified as ectomycorrhiza all fungi of this family were supposed to be ectomycorrhiza
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	uncultured Telephoraceae	153; 522; 588; 620; 1126; 1127; 1128;	EM	As all Telephoraceae in this study were classified as ectomycorrhiza all fungi of this family were

						1241; 1512; 1662; 1714; 2072; 2159; 2802; 2875; 2957; 3535; 3569; 3911; 3916; 3968; 4013; 4366; 4489; 5636; 6046; 6258; 6278; 6344; 6628; 6707; 7072; 7302; 7417; 7539; 7822; 7887; 7951; 8185; 8187; 9552; 9568; 9583; 9750; 9822		supposed to be ectomycorrhiza
Basidiomycota	Agaricomycetes	Telephorales	Telephoraceae	unidentified	uncultured Tomentella	88; 145; 407; 408; 792; 810; 1224; 1311; 1368; 1642; 1865; 1971; 2003; 2023; 2032; 2372; 2486; 2569; 2993; 3059; 3166; 3208; 3479; 3480; 3482; 3584; 3848; 3905; 3924; 4382; 4661; 4766; 4821; 4822; 4963; 5201; 5305; 5512; 5526; 5671; 6049; 6183; 6328; 6429;	EM	(Tedersoo <i>et al.</i> 2010)

						6602; 6899; 6951; 7006; 7125; 7214; 7364; 7425; 7499; 7555; 7563; 7804; 7806; 8009; 8460; 8512; 8621; 8671; 8720; 8782; 8806; 8990; 9015; 9175; 9515; 9743; 9842; 10051; 10106; 10243; 10259; 10270		
Basidiomycota	Agaricomycetes	Thelephorales	unidentified	unidentified	Thelephorales sp MS20	6457	EM	
Basidiomycota	Agaricomycetes	Thelephorales	unidentified	unidentified	uncultured ectomycorrhiza (Thelephorales)	10009	EM	
Basidiomycota	Agaricomycetes	Trechisporales	Hydnodontaceae	Trechispora	Trechispora araneosa	5371	unknown	(Larsson <i>et al.</i> 2004)
Basidiomycota	Agaricomycetes	Trechisporales	Hydnodontaceae	Trechispora	Trechispora hymenocystis	1227	saprophytic	(Rajala <i>et al.</i> 2010)
Basidiomycota	Agaricomycetes	Trechisporales	Hydnodontaceae	Trechispora	Trechispora sp	879; 1272; 1668; 2820; 2913; 3025; 3551; 3762; 4211; 4300; 5362; 6148; 6598; 6758; 7203	unknown	
Basidiomycota	Agaricomycetes	Trechisporales	unidentified	unidentified	Trechisporales sp	137; 761; 1390; 2883; 3042; 3160; 3871; 3918; 4612; 4884; 4974; 6338; 6475; 8141;	unknown	

Basidiomycota	Agaricomycetes	Trechisporales	unidentified	unidentified	uncultured Trechisporales	9938 268; 682; 696; 2371; 3697; 4488; 5423; 6297; 7025; 7206; 7521; 7568; 7586; 7879; 8032; 9330	unknown	
Basidiomycota	Agaricomycetes	unidentified	unidentified	unidentified	Agaricomycetes sp	286; 1334; 2859; 3422; 3637; 4708; 5417; 8412; 8536; 9978	unknown	
Basidiomycota	Agaricomycetes	unidentified	unidentified	unidentified	uncultured Agaricomycetes	347; 568; 726; 3393; 4146; 4216; 4250; 4276; 4467; 5547; 5665; 5869; 5893; 6033; 6637; 6897; 7217; 8399; 8561; 9263; 10196; 10300	unknown	
Basidiomycota	Agaricomycetes	unidentified	unidentified	unidentified	uncultured Agaricomycetidae	239	unknown	
Basidiomycota	Agaricostilbomycetes	Agaricostilbales	unidentified	unidentified	Agaricostilbales sp	5283	unknown	
Basidiomycota	Exobasidiomycetes	Microstromatales	Microstromataceae	Sympodiomyces	Sympodiomyces sp 8A1	944	saprophytic	(Sugiyama <i>et al.</i> 1991)
Basidiomycota	Incertae sedis	Malasseziales	Incertae sedis	Malassezia	Malassezia restricta	9418	animal pathogen	(Theelen <i>et al.</i> 2001)
Basidiomycota	Incertae sedis	Malasseziales	unidentified	unidentified	Malasseziales sp	2093	animal pathogen	(Theelen <i>et al.</i> 2001)
Basidiomycota	Microbotryomycetes	Leucosporidiales	Leucosporidiaceae	Leucosporidiella	Leucosporidiella creatinivora	7278	saprophytic	(Middelhoven 2006)
Basidiomycota	Microbotryomycetes	Sporidiobolales	Incertae sedis	Rhodotorula	Rhodotorula cresolica	1228	saprophytic	(Boekhout & Kurtzman 1996; Middelhoven & Spaaij 1997; Lanzafame <i>et al.</i> 2001; Samonis <i>et</i>

Basidiomycota	Microbotryomycetes	Sporidiobolales	Incertae sedis	Rhodotorula	Rhodotorula psychrophila	8571	saprophytic	<i>al.</i> 2001; Thanh <i>et al.</i> 2004; Botha 2011) (Boekhout & Kurtzman 1996; Middelhoven & Spaaij 1997; Lanzafame <i>et al.</i> 2001; Samonis <i>et al.</i> 2001; Thanh <i>et al.</i> 2004; Botha 2011)
Basidiomycota	Microbotryomycetes	Sporidiobolales	Incertae sedis	Rhodotorula	Rhodotorula sp	7762	saprophytic	(Boekhout & Kurtzman 1996; Middelhoven & Spaaij 1997; Lanzafame <i>et al.</i> 2001; Samonis <i>et al.</i> 2001; Thanh <i>et al.</i> 2004; Botha 2011)
Basidiomycota	Microbotryomycetes	Sporidiobolales	Incertae sedis	Sporobolomyces	Sporobolomyces inositophilus	4910	inhabiting the phyllosphere	(Nakase 2000)
Basidiomycota	Microbotryomycetes	Sporidiobolales	unidentified	unidentified	Sporidiobolales sp	1270; 1406; 5603; 6223; 8289; 9476	unknown	
Basidiomycota	Microbotryomycetes	unidentified	unidentified	unidentified	Microbotryomycetes sp	6516; 6900; 7067	unknown	
Basidiomycota	Pucciniomycetes	Pucciniales	unidentified	unidentified	uncultured Pucciniales	7515	plant pathogen	(McDowell 2011)
Basidiomycota	Pucciniomycetes	unidentified	unidentified	unidentified	Pucciniomycetes sp PIMO	9124	unknown	
Basidiomycota	Tremellomycetes	Cystofilobasidiales	Cystofilobasidiaceae	unidentified	Cystofilobasidiaceae sp	2521	unknown	
Basidiomycota	Tremellomycetes	Cystofilobasidiales	Incertae sedis	Mrakiella	Mrakiella aquatica	8089	saprophytic	(Thomas-Hall <i>et al.</i> 2010)
Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Cryptococcus	Cryptococcus fuscescens	4184	saprophytic	(Khawcharoenporn <i>et al.</i> 2007)
Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Cryptococcus	Cryptococcus terricola	6270	saprophytic	(Khawcharoenporn <i>et al.</i> 2007)
Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Cryptococcus	Cryptococcus wieringae	6524	saprophytic	(Khawcharoenporn <i>et al.</i> 2007)
Basidiomycota	Tremellomycetes	Tremellales	Incertae sedis	Cryptococcus	Cryptococcus sp	2624; 5375; 10360	saprophytic	(Khawcharoenporn <i>et al.</i> 2007)
Basidiomycota	Tremellomycetes	Tremellales	Incertae sedis	Dioszegia	Dioszegia hungarica	713; 733	saprophytic	(Gácsér <i>et al.</i> 2001, 2002)
Basidiomycota	Tremellomycetes	Tremellales	Incertae sedis	Dioszegia	Dioszegia sp DBVPG	2458	saprophytic	(Gácsér <i>et al.</i> 2001; Renker <i>et al.</i>

ota					10049			2004; Wang <i>et al.</i> 2008)
Basidiomycota	Tremellomycetes	Tremellales	unidentified	unidentified	uncultured Tremellales	9828	unknown/saprophytic	
Basidiomycota	Tremellomycetes	Trichosporonales	Trichosporonaceae	Trichosporon	Trichosporon sp	2348; 9765	saprophytic	(Middelhoven 2004; Middelhoven <i>et al.</i> 2004)
Basidiomycota	Tremellomycetes	unidentified	unidentified	unidentified	Tremellomycetes sp	8159	unknown	
Basidiomycota	unidentified	unidentified	unidentified	unidentified	Basidiomycota sp	3269; 8061	unknown	
Basidiomycota	unidentified	unidentified	unidentified	unidentified	uncultured Agaricomycotina	26; 37; 1196; 3304; 4752; 6246; 7340	unknown	
Basidiomycota	unidentified	unidentified	unidentified	unidentified	uncultured Basidiomycota	2573; 5868	unknown	
Basidiomycota	Wallemiomycetes	Geminibasidiales	Geminibasidiaceae	Geminibasidium	Geminibasidium sp	5988	unknown	
Glomeromycota	Glomeromycetes	Archaeosporales	Archaeosporaceae	Archaeospora	Archaeospora trappei	8120	AM	(Hafeel 2004)
Glomeromycota	Glomeromycetes	Archaeosporales	Archaeosporaceae	unidentified	uncultured Archaeospora	3677	AM	(Redecker <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Archaeosporales	unidentified	unidentified	uncultured Archaeosporales	4288	AM	(Redecker <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Diversisporales	Acaulosporaceae	unidentified	uncultured Acaulosporaceae	2341	AM	(Redecker <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Glomerales	Claroideoglomeraceae	Claroideoglomerus	Claroideoglomerus claroideum	2376; 9739	AM	(Lalaymia <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Glomerales	Claroideoglomeraceae	unidentified	uncultured Claroideoglomerus	1615	AM	(Lalaymia <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Glomerales	Glomeraceae	unidentified	uncultured Rhizophagus	728; 5090; 5909	AM	(Redecker <i>et al.</i> 2013)
Glomeromycota	Glomeromycetes	Paraglomerales	unidentified	unidentified	uncultured Paraglomerus	9903	AM	(Redecker <i>et al.</i> 2013)
Glomeromycota	unidentified	unidentified	unidentified	unidentified	uncultured Glomeromycota	3670; 9254	AM	(Redecker <i>et al.</i> 2013)
unidentified	unidentified	unidentified	unidentified	unidentified	Epacris microphylla root associated fungus 12	6711	root associated	1
unidentified	unidentified	unidentified	unidentified	unidentified	Epacris microphylla root associated fungus 19	7131; 8640	root associated	1

unidentified	unidentified	unidentified	unidentified	unidentified	fungus endophyte sp AP466	3530	endophyte	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp 31 AM	5575	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp 75 AM	5133; 7435	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp APA	265	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp E13415E	6891	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp EXP0528F	275	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp FR	4482; 6727; 9827	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp GQGC1	9831	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp MT0838	9281	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp NLR	4401; 8601	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp R1	336; 10396	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	fungus sp SLZ14	4000	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	Fungi sp	380; 3124; 3594; 4010; 5908; 6399; 10095	unknown	1
unidentified	unidentified	unidentified	unidentified	unidentified	uncultured ectomycorrhizal fungus	1990; 3142; 5952; 6606; 6723; 9083	EM	1
unidentified	unidentified	unidentified	unidentified	unidentified	uncultured endophytic fungus	1790; 4720	endophyte	1
unidentified	unidentified	unidentified	unidentified	unidentified	uncultured fungus	4; 27; 39; 44; 49; 53; 58; 67; 75; 118; 123; 126; 168; 213; 217; 219; 223; 241; 245; 250; 266; 277; 298; 303; 386; 400; 413; 415; 437; 456; 477; 501; 511; 519; 553; 557; 584; 586; 595; 605; 627; 637; 655; 686; 708; 710; 742; 753; 767; 769; 786; 818; 839;	unknown	1

892; 913; 915;
957; 993;
1024; 1044;
1065; 1067;
1082; 1109;
1115; 1129;
1134; 1147;
1209; 1215;
1242; 1258;
1284; 1286;
1312; 1320;
1323; 1331;
1388; 1395;
1402; 1443;
1485; 1541;
1543; 1624;
1633; 1648;
1684; 1689;
1791; 1811;
1814; 1824;
1864; 1893;
1932; 1935;
1975; 2045;
2114; 2116;
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2174; 2216;
2218; 2226;
2242; 2253;
2256; 2264;
2265; 2269;
2347; 2349;
2384; 2393;
2408; 2421;
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3261; 3301;
3327; 3329;
3347; 3392;
3395; 3430;
3448; 3457;
3459; 3495;
3561; 3562;
3595; 3659;
3709; 3738;
3752; 3754;
3761; 3822;
3828; 3832;
3865; 3878;
3920; 3930;
3948; 3955;
3981; 4047;
4079; 4081;
4116; 4119;
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4127; 4131;
4142; 4169;
4173; 4178;
4206; 4222;
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4630; 4664;
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4856; 4857;
4871; 4873;
4876; 4879;
4912; 4918;
4961; 5056;
5080; 5105;
5165; 5181;
5207; 5230;
5282; 5285;
5319; 5333;
5400; 5462;
5470; 5485;
5505; 5513;
5578; 5635;
5643; 5690;
5695; 5696;
5722; 5784;
5817; 5905;
5911; 5914;
5964; 5978;
6016; 6034;
6036; 6054;
6091; 6093;
6102; 6108;
6119; 6133;
6135; 6141;
6166; 6209;
6255; 6308;
6340; 6364;
6376; 6378;
6382; 6520;
6540; 6541;
6556; 6581;
6582; 6619;
6670; 6685;
6692; 6709;
6712; 6713;

6716; 6718;
6724; 6725;
6748; 6772;
6781; 6795;
6817; 6830;
6881; 6894;
6912; 6919;
6920; 6956;
6974; 7030;
7048; 7050;
7052; 7054;
7058; 7087;
7105; 7123;
7124; 7128;
7129; 7153;
7183; 7242;
7344; 7363;
7365; 7430;
7437; 7448;
7478; 7641;
7647; 7649;
7670; 7673;
7688; 7700;
7747; 7796;
7813; 7830;
7875; 7902;
7914; 7925;
7976; 8005;
8070; 8096;
8128; 8142;
8172; 8196;
8211; 8214;
8236; 8247;
8390; 8421;
8480; 8525;
8553; 8579;
8587; 8620;
8652; 8674;
8687; 8728;
8732; 8785;

8811; 8909;
8913; 8919;
8924; 8928;
8934; 9013;
9045; 9072;
9076; 9097;
9146; 9156;
9157; 9214;
9218; 9261;
9270; 9286;
9304; 9351;
9354; 9368;
9381; 9400;
9462; 9465;
9473; 9558;
9565; 9611;
9614; 9615;
9616; 9633;
9649; 9672;
9687; 9695;
9735; 9768;
9772; 9796;
9835; 9836;
9837; 9852;
9854; 9865;
9866; 9879;
9889; 9925;
9976; 9987;
10007; 10028;
10030; 10059;
10063; 10105;
10132; 10133;
10134; 10141;
10149; 10171;
10198; 10199;
10204; 10216;
10225; 10227;
10246; 10264;
10306; 10313;
10325; 10326;

unidentified	unidentified	unidentified	unidentified	unidentified	uncultured mycorrhizal fungus	10342; 10383; 10390 4157	unknown (Mycorrhiza)	
unidentified	unidentified	unidentified	unidentified	unidentified	uncultured root fungus	2690; 3038; 7212; 7551; 8596; 9712	unknown	
unidentified	unidentified	unidentified	unidentified	unidentified	uncultured soil fungus	29; 80; 1054; 2416; 3255; 3425; 3904; 4865; 5307; 6756; 7318; 8314; 9607	unknown	
Zygomycota	Incertae sedis	Endogonales	Endogonaceae	Endogone	Endogone lactiflua	8440	EM	(Fassi <i>et al.</i> 1969; Walker 1985)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Dissophora	Dissophora sp	4003	endophyte	(El-Nagerabi 2013)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella alpina	401; 5763	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella amoeboidea	8346	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella cystojenkinii	2927	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella exigua	8769	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella macrocystis	3487; 4988; 7681; 10203	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella minutissima	10074	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella parvispora	4192; 9277	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella simplex	281; 4627	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et</i>

Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sossauensis	1216	saprophytic	<i>al.</i> 2010; Vadivelan & Venkateswaran 2014) (Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp	12; 523; 752; 788; 1142; 1536; 1657; 2002; 2054; 2096; 2158; 2796; 5179; 6274; 8294; 8488; 8569; 8735; 9027; 9928; 10142; 10152; 10161	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp 09CT01	4123	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp 12NJ01	2866	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp 6807	4944; 10078	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp FSU 10533	1360; 1605; 9947	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella sp FSU 10700	4677	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella verticillata	4890	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	Mortierella	Mortierella zonata	2600; 3692; 4943; 6909; 7182; 8513; 10239; 10314	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)

Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	unidentified	Mortierellaceae sp	10060	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	unidentified	uncultured Mortierella	4284; 7370; 7764; 10406	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	Mortierellaceae	unidentified	uncultured Mortierellaceae	4001	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	unidentified	unidentified	Mortierellales sp	1708; 4430; 5194; 5311; 7954; 8373; 10015	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mortierellales	unidentified	unidentified	Mortierellales sp 03VT04	7598; 8224	saprophytic	(Jacobs <i>et al.</i> 2009; Reinhart <i>et al.</i> 2010; Vadivelan & Venkateswaran 2014)
Zygomycota	Incertae sedis	Mucorales	Cunninghamellaceae	Absidia	Absidia cylindrospora	3831	saprophytic	(Harrison 1971)
Zygomycota	Incertae sedis	Mucorales	Cunninghamellaceae	Absidia	Absidia cylindrospora var. cylindrospora	4903; 8557	saprophytic	(Harrison 1971)
Zygomycota	Incertae sedis	Mucorales	Cunninghamellaceae	Absidia	Absidia glauca	5251	saprophytic	(Kellner <i>et al.</i> 1993; Kacprzak & Stańczyk-Mazanek 2003)
Zygomycota	Incertae sedis	Mucorales	Mucoraceae	Mucor	Mucor genevensis	8866	saprophytic	(Clark-Walker 1972)
Zygomycota	Incertae sedis	Mucorales	Mucoraceae	Mucor	Mucor sp XSCG02	7282	unknown	
Zygomycota	Incertae sedis	Mucorales	Mucoraceae	unidentified	uncultured Mucor	9596	unknown	
Zygomycota	Incertae sedis	Mucorales	Umbelopsidaceae	Umbelopsis	Umbelopsis angularis	3934	saprophytic	(Osono & Takeda 2007)
Zygomycota	Incertae sedis	Mucorales	Umbelopsidaceae	Umbelopsis	Umbelopsis ramanniana	4095	saprophytic	(Renker <i>et al.</i> 2005; Osono <i>et al.</i> 2006; Ogawa <i>et al.</i> 2011)
Zygomycota	Incertae sedis	Mucorales	Umbelopsidaceae	Umbelopsis	Umbelopsis sp	4209; 5824; 6608; 8631	saprophytic	(Bryk <i>et al.</i> 2009; Grantina-levina <i>et al.</i> 2013)
Zygomycota	Incertae sedis	Mucorales	Umbelopsidaceae	Umbelopsis	Umbelopsis sp II GK	7882	saprophytic	(Bryk <i>et al.</i> 2009; Grantina-levina <i>et al.</i> 2013)
Zygomycota	Incertae sedis	Mucorales	Umbelopsidaceae	Umbelopsis	Umbelopsis sp XYL	946; 2751; 3702	saprophytic	(Bryk <i>et al.</i> 2009; Grantina-levina <i>et al.</i> 2013)

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