

April 17 2010

	Species (lichenicolous fungi in bold; <i>lichenicolous lichens or facultative lichenicolous fungi in italics</i>)	Significant literature	Cultures (with accession numbers when known; culture collection links listed below)	Sequences (with accession numbers)
Ascomycota				
Agyriales				
Agyriaceae				
<i>Hafellnera</i>	0-1-0	Rambold & Triebel 1992		
<i>Rimularia</i>	0-3-0	Rambold & Triebel 1992		
Arthoniales				
Arthoniaceae				
<i>Arthonia</i> [incl. anam. <i>Helicobolomyces</i> and <i>Subhysteropycnis</i>]	aspiciliae (Metzl.) S. Y. Kondr.: on ... epifarinos a Etayo: on <i>Pannaria</i> marginalis Etayo: on <i>Pseudocyphellaria</i> xanthoparmeliarum Etayo: on <i>Xanthoparmelia</i> 80-0-1	Alstrup 1993a Alstrup & Cole 1998 Alstrup & Hansen 2001 Alstrup & Olech 1996 Aptroot et al. 1995 Aptroot et al. 1997 Calatayud et al. 1995 Diederich 1995 Etayo 1993 Etayo 1996 Etayo 2002 Etayo & Breuss 1998 Etayo & Sancho 2008 Grube & Matzer 1997 Grube et al. 1995 Hawksworth 1991a Hertel 1969 Horáková 1994 Kalb et al. 1995 Kantvilas & Vězda 1992 Kondratyuk 1996a Kondratyuk & Zelenko 2002 Santesson 1993a		

		Triebel et al. 1991 Wedin & Kondratyuk 1997		
Roccellaceae				
<i>Enterographa</i>	1-0-0	Matzer 1996		
<i>Lecanographa</i>	3-0-0	Egea & Torrente 1994		
<i>Mazosia</i>	1-0-0	Matzer 1996		
<i>Opegrapha</i>	reactiva (Alstrup & D. Hawksw.) Etayo & Diederich: on <i>Hymenelia lacustris</i> 48-0-0	Alstrup & Hawksworth 1990 Aptroot et al. 1997 Awasti 1991 Clauzade et al. 1989 Coppins & Kondratyuk 1998 Etayo 1996 Etayo & Sancho 2008 Hafellner 1985a Hafellner 1994a Isbrand & Alstrup 1992 Kalb & Elix 1995 Kalb et al. 1995 Kondratyuk & Galloway 1995c Lücking 1998 Matzer 1996 Navarro-Rosinés & Hladun 1995 Orange 2002 Triebel 1989		
<i>Paradoxomyces</i>	1-0-0	Matzer 1996		
<i>Perigrapha</i>	nitida Ertz, Diederich, Christnach & Wedin: on <i>Pseudocyphellaria glabra</i> superveniens (Nyl.) Hafellner: on <i>Parmelia sulcata</i>	Ertz et al. 2005 Hafellner 1996a		
<i>Plectocarpon</i>	arthonioides Diederich: on <i>Lobaria isidiophora</i> bunodophori Wedin, Ertz & Diederich: on <i>Bunodophoron patagonicum</i> cladoniae R. Sant.: on <i>Cladonia</i> concentricum Ertz, Diederich & Wedin: on <i>Pseudocyphellaria homeophylla</i> coppinsii Ertz & Diederich: <i>Pseudocyphellaria</i>	Aptroot et al. 1997 Cáceras et al. 2001 Diederich & Etayo 1994 Ertz & Diederich 2007 Ertz et al. 2003 Ertz et al. 2005 Etayo 2007 Etayo & Sancho 2008 Hawksworth & Galloway 1984		

crocata
crustalliferum Christnach, Ertz & Diederich:
on *Sticta*
encausticum (Nyl.) R. Sant.: on *Brodoa*
intestiniiformis
gallowayi (S. Y. Kondr.) Ertz & Diederich: on
Pseudocyphellaria dissimilis
gayanum Etayo: on *Siphula*
hypogymniae Zhurb. & Diederich: on
Hypogymnia bitteri

lambinonii Diederich & Etayo: on *Lobaria*
and *Pseudocyphellaria anomala*
latisporum Ertz, Diederich & Wedin: on
Pseudocyphellaria coriifolia
leuckertii (S. Y. Kondr. & D. J. Galloway)
Ertz & Diederich: on *Pseudocyphellaria*
intricata and *P. norvegica*
lichenum (Sommerf.) D. Hawksw.: on *Lobaria*
pulmonaria, *Pseudocyphellaria anomala*
and *P. anthraspis*
linitae (R. Sant.) Wedin & Hafellner: on
Lobaria linita
macaronesiae Diederich, Etayo & Sérus.: on
Lobaria immixta and *L. cf. meridionalis*
melanohaleae Christnach, Ertz & Diederich:
on *Melanohalea ushuaiensis*
nashii Hafellner: on *Niebla robusta*
nephromeum (Norman) R. Sant.: on
Nephroma bellum
obtectum Ertz & Diederich: on
Pseudocyphellaria encoensis
opegraphoideum Christnach, Ertz, Diederich
& Wedin: on *Pseudocyphellaria*
homeophylla and *P. multifida*

Santesson 1993a
Santesson 1994a
Scholz 1998
Wedin & Hafellner 1998
Zhurbenko et al. 2008

	<p>peltigerae Zhurb., Ertz, Diederich & Miadl.: on <i>Peltigera leucophlebia</i></p> <p>pseudocyphellariae Diederich: on <i>Pseudocyphellaria gilva</i></p> <p>pseudoleuckertii Diederich, Ertz & Wedin: on <i>Pseudocyphellaria coriifolia</i></p> <p>pseudosticta Fée: on <i>Pseudocyphellaria freycinetii</i> and <i>P. glabra</i></p> <p>aff. pseudosticta Fée: on <i>Pseudocyphellaria intricata</i></p> <p>scrobiculatae Diederich & Etayo: on <i>Lobari(n)a scrobiculata</i></p> <p>serusiauxii Ertz & Diederich: on <i>Sticta</i></p> <p>sticticola Ertz, Wedin & Diederich: on <i>Sticta</i></p> <p>tibellii Ertz & Diederich: on <i>Pseudocyphellaria rubella</i></p> <p>triebelsiae Diederich & Ertz: on <i>Lobaria quercizans</i></p> <p>usneae Diederich & Etayo: on <i>Usnea exasperata</i></p> <p>usneaustralis Etayo: on <i>Usnea</i></p> <p>venustum Ertz, Coppins & Diederich: on <i>Nephroma papillosum</i></p> <p>violaceum Ertz, R. Sant., Diederich & Wedin: on <i>Nephroma antarcticum</i></p>			
Incertae sedis				
<i>Arthophacopsis</i>	1-0-0	Hafellner 1998a		
Chaetothyriales				
Chaetothyriaceae				
<i>Biciliopsis</i>	1-0-0	Aptroot et al. 1997 Hoffmann & Hafellner 2000		
Herpotrichiellaceae				
<i>Capronia</i>	leopoldiana Etayo: on <i>Leptogium</i> magellanica Etayo: on <i>Fuscopannaria</i>	Aptroot et al. 1997 Etayo 2002		

	9-0-0	Etayo & Diederich 1998 Etayo & Sancho 2008 Hawksworth 1980b Hawksworth 1990a Kondratyuk & Galloway 1995a		
Dothideales s.l. (incl. Microthyriales, Mycosphaerellales, Patellariales, Pleosporales)				
Dacampiaceae				
<i>Clypeococcum</i>	7-0-0	Grube & Hafellner 1990 Hafellner 1994a Hafellner 1995 Hawksworth 1977a Hawksworth 1980a Hawksworth 1982a Navarro-Rosinés et al. 1994 Øvstedal & Hawksworth 1986	hypocenomycis : Culture obtained by Crittenden et al. (1995)	
<i>Dacampia</i>	2-1-0	Hawksworth 1980b Hawksworth 1986 Henssen 1995		
<i>Polycoccum</i>	longisporum Etayo: on <i>Pseudocyphellaria</i> 38-0-0	Aptroot et al. 1997 Berger 2000 Calatayud & Atienza 2000 Calatayud & Rambold 1998 Calatayud & Rico 1995 Clauzade et al. 1989 Diederich 1990 Etayo 1996 Etayo & Sancho 2008 Hawksworth 1994 Kocourková & Berger 1999 Hawksworth & Diederich 1988 Hawksworth & Miadlikowska 1997a Matzer 1996 Navarro-Rosinés & Roux 1990 Navarro-Rosinés & Roux 1998 Vácsi & Hawksworth 2001	peltigerae : CBS 112.77	vermicularium : nrLSU: AY961601

<i>Pseudonitschkia</i>	1-0-0	Coppins & Kondratyuk 1995		
<i>Pyrenidium</i>	27-0-0	Alstrup & Hawksworth 1990 Lücking 1998 Matzer 1996		
<i>Weddellomyces</i>	11-0-0	Alstrup 1992 Alstrup & Hawksworth 1990 Calatayud & Navarro-Rosinés 1998 Hawksworth 1986 Hawksworth 1990a Navarro-Rosinés & Roux 1995 Navarro-Rosinés & Roux 1997b		
Dimeriaceae				
<i>Keratospaera</i>	4-0-0	Matzer 1996		
Dothioraceae				
<i>Plowrightia</i>	1-0-0	Clauzade et al. 1989		
Leptosphaeriaceae				
<i>Leptosphaeria</i> s.l.	protousneae Etayo: on <i>Protousnea</i> 3-0-0	Clauzade et al. 1989 Etayo & Sancho 2008 Hawksworth 1980b		
<i>Ophiobolus</i> s.l.	2-0-0	Clauzade et al. 1989		
Lichenotheliaceae				
<i>Lichenostigma</i>	13-0-0	Calatayud & Navarro-Rosinés 2000 Hafellner 1982a Hafellner 1999 Hafellner & Calatayud 1999 Kalb et al. 1995 Navarro-Rosinés & Hafellner 1996 Thor 1985		
Microthyriaceae				
<i>Lichenopeltella</i>	sclerenchymatica Etayo: on <i>Pseudocyphellaria</i> 23-0-0	Aptroot et al. 1997 Earland-Bennett & Hawksworth 1999b Etayo & Diederich 1996b Hansen & Alstrup 1995		

		Hariharan et al. 1996 Matzer 1996 Molitor & Diederich 1997 Santesson 1988 Santesson 1989 Santesson 1998		
<i>Macrographa</i>	antarctica Etayo: on <i>Nephroma antarcticum</i>	Etayo & Sancho 2008		
Mycosphaerellaceae				
<i>Sphaerulina</i> s.l.	5-0-0	Clauzade et al. 1989		
Naetrocymbaceae				
<i>Leptorhaphis</i>	haematommatum Hafellner & Kalb: on <i>Haematomma</i>	Kalb et al. 1995		
Parmulariaceae				
<i>Hemigrapha</i>	asteriscus (Müll. Arg.) D. Hawksw.: on <i>Peltigera</i> atlantica Diederich & Wedin: on <i>Sticta canariensis</i> nephromatis Wedin & Diederich: on <i>Nephroma australe</i> phaeospora Matzer & Lücking: on <i>Strigula phyllogena</i> pilocarpacearum M. Cáceres & Lücking: on <i>Byssoloma</i> and <i>Fellhanera</i> pseudocyphellariae Diederich & Wedin: on <i>Pseudocyphellaria argyracea</i> strigulae Matzer: on <i>Strigula</i> tenellula (Müll. Arg.) Matzer: on <i>Porina</i>	Cáceres & Lücking 2000 Diederich & Wedin 2000 Eriksson et al. 2001 Hawksworth 1975b Matzer 1996		
Patellariaceae				
<i>Stratisporella</i>	episemoides (Nyl.) Hafellner: on <i>Enterographa</i>	Aptroot et al. 1997 Hafellner 1979 Kutorga & Hawksworth 1997		
<i>Tryblidaria</i>	2-0-0	Clauzade et al. 1989		
Pleomassariaceae				

<i>Lichenopyrenis</i>	galligena Calat., M. J. Sanz & Aptroot: on <i>Leptochidium albociliatum</i>	Calatayud et al. 2001b		
Pleosporaceae				
<i>Leptosphaerulina</i>	peltigerae (Fuckel) Riedl: on <i>Peltigera</i>	Hawksworth 1980b		
<i>Pleospora</i>	4-0-0	Clauzade et al. 1989 Hawksworth 1978a Hawksworth 1979b Tretiach & Nimis 1999		
Pseudoperisporiaceae				
<i>Epibryon</i>	4-0-0	Hoffmann & Hafellner 2000 Matzer 1996 Sérusiaux et al. 1999		
<i>Neocoleroa</i>	3-0-0	Barr 1997 Hawksworth 1980b Matzer 1996 Roux et al. 1994 Sérusiaux et al. 1999		
Tubeufiaceae				
<i>Tubeufia</i>	2-0-0	Etayo 2002		
Incertae sedis				
<i>Ascohansfordiellopsis</i>	deightonii D. Hawksw.: on foliicolous lichens insectivora (Hansf.) D. Hawksw.: on foliicolous lichens	Hawksworth 1979a		
<i>Buelliella</i>	7-0-0	Aptroot et al. 1997 Etayo 2002 Hafellner 1979 Hafellner 1985a Kalb 1990		
<i>Cercidospora</i>	17-0-0	Alstrup et al. 1994 Clauzade et al. 1989 Hafellner 1987b Hafellner 1993 Hafellner & Obermayer 1995 Ihlen 1995 Ihlen 1998 Navarro-Rosinés et al. 1995 Triebel 1989		

		Triebel & Scholz 2001 Zhurbenko et al. 1995		
<i>Diederimyces</i>	microsporus Etayo: on <i>Pertusaria</i> 1-0-0	Etayo 1995b Etayo & Sancho 2008		
<i>Echinothecium</i>	3-0-0	Alstrup & Cole 1998 Clauzade et al. 1989 Roux & Triebel 1994	reticulatum : Culture obtained by Crittenden et al. (1995)	
<i>Karschia</i>	4-0-0	Alstrup & Hawksworth 1990 Hafellner 1979 Santesson 1994a		
<i>Koordersiella</i>	3-0-0	Eriksson & Hawksworth 1987 Hawksworth 1979a Matzer 1996		
<i>Lanatosphaera</i>	2-0-0	Matzer 1996		
<i>Myxophora</i>	5-0-0	Hoffmann & Hafellner 2000		
<i>Sphaerellothecium</i>	araneosum (Arnold) Zopf: on ... minutum Hafellner: on <i>Sphaerophorus</i> pannariacearum Etayo; on <i>Pannaria</i> parmeliae Diederich & Etayo: on <i>Parmelia</i> 13-0-0	Alstrup & Cole 1998 Etayo & Diederich 1998 Etayo & Sancho 2008 Hafellner 1993 Hansen & Alstrup 1995 Roux & Triebel 1994 Triebel 1989 Triebel et al. 1991		
<i>Trematosphaeriopsis</i>	1-0-0	Hafellner 2001		
<i>Wernerella</i>	1-0-0	Navarro-Rosinés et al. 1996 Navarro-Rosinés et al. 1998d		
Helotiales				
Dermateaceae				
<i>Mollisia</i>	collematis Boud.: on <i>Collema</i>	Clauzade et al. 1989 Vouaux 1914		
<i>Niptera</i>	lichenicola (Speg.) Sacc.: on <i>Flavoparmelia</i> <i>caperata</i> microscopica (Crouan) Vouaux: on <i>Placynthiella uliginosa</i>	Clauzade et al. 1989 Vouaux 1914		
Helotiaceae				
<i>Bryoscyphus</i>	lichenicola Alstrup & M. S. Cole: on <i>Cladonia</i>	Alstrup & Cole 1998		

	<i>cf. pyxidata</i>			
<i>Pezizella</i>	epithallina (W. Phillips & Plowr.) Sacc.: on <i>Peltigera stictae</i> Etayo: on <i>Sticta ucrainica</i> S. Kondr.: on <i>Cladonia</i>	Etayo 2002 Hawksworth 1980b Kondratyuk & Galloway 1995a		
Hyaloscyphaceae				
<i>Lachnella</i>	tetraspora (Henn.) Vouaux: on <i>Physcia integrata</i>	Clauzade et al. 1989 Vouaux 1914		
<i>Polydesmia</i>	lichenis Huhtinen & R. Sant.: on <i>Peltigera</i>	Huhtinen & Santesson 1997		
Incertae sedis				
<i>Cecidioskyttea</i>	osorioi Etayo: on <i>Concamerella fistulosa</i>	Etayo & Osorio 2004		
<i>Echinodiscus</i>	kozhevnikovii Zhurb.: on <i>Cetraria lesdainii</i> (Vouaux) Etayo & Diederich: on <i>Lecania</i>	Etayo & Diederich 2000 Zhurbenko 2009a		
<i>Geltingia</i>	associata (Th. Fr.) Alstrup & D. Hawksw.: on <i>Ochrolechia</i> , <i>Pertusaria</i> and <i>Thamnolia</i>	Alstrup & Hawksworth 1990 Diederich et al. 2010		
<i>Hyalopeziza</i>	rapax Huhtinen: on <i>Pseudocyphellaria</i>	Huhtinen et al. 2008		
<i>Llimoniella</i>	acarosporicola (Kocourk. & K. Knudsen) Diederich & Ertz: on <i>Acarospora socialis</i> adnata Hafellner & Nav.-Ros.: on <i>Placidium fuscatae</i> Hafellner & Obermayer: on <i>Acarospora fuscata</i> groenlandiae (Alstrup & D, Hawksw.) Triebel & Hafellner: on <i>Caloplaca</i> and <i>Fulgensia</i> heppiae (Nav.-Ros., Hladun & Llimona) Diederich & Ertz: on <i>Heppia muralicola</i> Halici: on <i>Lecanora muralis</i> (probably belongs to <i>Unguiculariopsis</i>) pertusariae Diederich & Etayo: on <i>Pertusaria glaucomela</i> and <i>P. ophthamiza</i> phaeophysciae Diederich, Ertz & Etayo: on <i>Phaeophyscia placopsidis</i> Diederich & Fryday: on <i>Placopsis</i>	Diederich & Etayo 2000 Diederich et al. 2010		

	<p>pyrenulae Diederich & Etayo: on <i>Pyrenula ramalinae</i> (Müll. Arg.) Etayo & Diederich: on <i>Ramalina celsastri</i> and <i>R. unilateralis</i></p> <p>terricola (Arnold) M. Schultz, Diederich & Ertz: on <i>Epiphloea byssina</i></p> <p>scabridula (Müll. Arg.) Nav.-Ros. & Hafellner: on <i>Acarospora nodulosa</i> and <i>A. placodiiformis</i></p> <p>vinosa (Holien & Triebel) Diederich & Etayo: on <i>Ochrolechia</i> and <i>Pertusaria</i> cf. <i>borealis</i></p>			
<i>Phaeopyxis</i>	<p>australis Rambold & Triebel: on <i>Paraporphidia muscigenae</i> Alstrup & E. S. Hansen: on <i>Physconia punctum</i> (A. Massal.) Rambold, Triebel & Coppins: on <i>Cladonia varia</i> Coppins, Rambold & Triebel: on <i>Trapeliopsis</i></p>	Alstrup & Hansen 2001 Rambold & Triebel 1990		
<i>Pleoscutula</i>	<p>arsenii Vouaux: on <i>Heterodermia hypotrachynae</i> Etayo & Diederich: on <i>Hypotrachyna</i></p>	Etayo 2002 Hafellner 1982b		
<i>Protounguicularia</i>	<p>nephromatis (Zhurb. & Zavarzin) Huhtinen, D. Hawksw. & Ihlen: on <i>Nephroma</i></p>	Huhtinen et al. 2008 Zhurbenko 2007		
<i>Rhymbocarpus</i>	<p>boomii Etayo & Diederich: on <i>Dirina ceratoniae</i></p> <p>cruciatus (Sherwood, D. Hawksw. & Coppins) Etayo & Diederich: on <i>Diploicia canescens</i></p> <p>ericetorum (Körb.) Etayo, Diederich & Ertz: on <i>Dibaeis baeomyces</i></p> <p>fuscoatrae (Hafellner) Diederich & Etayo: on <i>Lecidea fuscoatra</i></p> <p>geographici (J. Steiner) Vouaux: on <i>Rhizocarpon</i></p> <p>makarovae Diederich & Etayo: on <i>Porpidia neglectus</i> (Vain.) Diederich & Etayo: on the <i>Lepraria neglecta</i> group</p>	Diederich & Etayo 2000 Diederich et al. 2010		

	<p>pertusariae Diederich, Zhurb. & Etayo: on <i>Pertusaria panyrga</i></p> <p>pubescens (Etayo & Diederich) Diederich & Etayo: on <i>Lepraria</i></p> <p>roccellae (Etayo, Paz-Bermúdez & Diederich) Etayo, Diederich & Ertz: on <i>Roccella</i></p> <p>stereocaulorum (Alstrup & D. Hawksw.) Etayo & Diederich: on <i>Stereocaulon</i></p>			
<i>Skyttea</i>	<p>anzia Etayo & Diederich: on <i>Anzia arenicola</i> Alstrup & E. S. Hansen: probably not a <i>Skyttea</i> and not lichenicolous</p> <p>buelliae Sherwood, D. Hawksw. & Coppins: on <i>Buellia punctata</i></p> <p>caesii Diederich & Etayo: on <i>Mycoblastus</i> (incl. <i>M. caesius</i>)</p> <p>carbonea Diederich & Etayo: on <i>Carbonea montevidensis</i></p> <p>cismonicae Hafellner: on <i>Loxospora</i></p> <p>dacampiae Zhurb.: on <i>Dacampia hookeri</i></p> <p>elachistophora (Nyl.) Sherwood & D. Hawksw.: on cf. <i>Tylothallis biformigera</i></p> <p>fusispora Sherwood, D. Hawksw. & Coppins: on <i>Ochrolechia</i></p> <p>gregaria Sherwood, D. Hawksw. & Coppins: on <i>Mycoblastus fucatus</i></p> <p>hawksworthii Diederich: on <i>Verrucaria</i></p> <p>lecanorae Diederich & Etayo: on <i>Lecanora</i></p> <p>mayrhofer Diederich & Etayo: on <i>Pertusaria melanospora</i></p> <p>megalosporae Etayo & Diederich: on <i>Megalospora tuberculosa</i></p> <p>nitschkei (Körb.) Sherwood, D. Hawksw. & Coppins: on <i>Thelotrema lepadinum</i></p> <p>pertusariicola Diederich & Etayo: on <i>Pertusaria</i></p>	<p>Alstrup & Hansen 2001 Diederich & Etayo 2000 Diederich & Etayo 2004 Etayo 2002 Etayo & Sancho 2008 Hafellner 2000</p>	<p>nitschkei: Culture obtained by Crittenden et al. (1995)</p>	

	<p>pyrenulae Diederich, Etayo & Coppins: on <i>Pyrenula</i></p> <p>radiatilis (Tuck.) R. Sant., Etayo & Diederich: on cf. <i>Loxospora pustulata</i></p> <p>richardsonii Iturr. & D. Hawksw.: on an unidentified lichen</p> <p>spinosa D. Hawksw. & Coppins: on <i>Verrucaria nigrescens</i></p> <p>tavaresae R. Sant., Etayo & Diederich: on <i>Pyrrhospora</i> cf. <i>quernea</i></p> <p>tephromelarum Kalb & Hafellner: on <i>Tephromela</i></p> <p>thelotrematis Diederich & Etayo: on <i>Thelotrema lepadinum</i></p> <p>violacea Etayo: on <i>Tephromela</i></p> <p>viridis D. Hawksw. & Coppins: on cf. <i>Micarea denigrata</i></p>			
<i>Skyttella</i>	<p>mulleri (Willey) D. Hawksw. & R. Sant.: on <i>Peltigera</i></p>	Hawksworth & Santesson 1988		
<i>Spirographa</i>	<p>fusisporella (Nyl.) Zahlbr.: on diverse lichens</p>	Diederich 2004 Sherwood-Pike 1987		
<i>Unguiculariopsis</i>	<p>acrocordiae (Diederich) Diederich & Etayo: on <i>Acrocordia gemmata</i></p> <p>ahtii D. Hawksw., D. J. Galloway & S. Y. Kondr.: on <i>Pseudocyphellaria</i></p> <p>cribriformis (Norman) Alstrup & D. Hawksw.: on <i>Pertusaria dactylina</i></p> <p>damingshanica W. Y. Zhuang: on unidentified lichen on bamboo</p> <p>hispidula Etayo: on <i>Psoroma hispidulum</i></p> <p>lesdainii (Vouaux) Etayo & Diederich: on <i>Lecanora saligna</i></p> <p>lettaui (Grubmann) Coppins: on <i>Evernia prunastri</i></p> <p>lobariellum S. Y. Kondr. & D. J. Galloway:</p>	Alstrup & Hawksworth 1990 Coppins 1988 Diederich & Etayo 2000 Etayo & Diederich 1996b Etayo & Sancho 2008 Kondratyuk & Galloway 1995a Kondratyuk & Galloway 1995b Kondratyuk et al. 1994 Zhuang 2000		

	<p>on <i>Lobaria</i> macrocarpa Etayo: on <i>Pseudocyphellaria</i> manriquei Etayo: on <i>Lobaria pulmonaria</i> refractiva (Coppins) Coppins: on <i>Bilimbia</i> thallophila (P. Karst) W. Y. Zhuang: on <i>Lecanora</i> triregia S. Y. Kondr. & D. J. Galloway: on <i>Sticta</i> [see also <i>Llimoniella muralicola</i> Halici: on <i>Lecanora muralis</i>]</p>			
Hypocreales				
Bionectriaceae				
<i>Atronectria</i>	magellanica Etayo: on <i>Pseudocyphellaria</i> and <i>Nephroma</i>	Etayo & Sancho 2008		
<i>Globonectria</i>	1-0-0	Etayo 2002		
<i>Nectriopsis</i>	silvaustralis Etayo: on <i>Pseudocyphellaria</i> 16-0-0	Alstrup 1996 Alstrup & Svane 1998 Aptroot et al. 1997 Cole & Hawksworth 2001 Diederich & Puntillo 1995 Etayo 2002 Etayo & Sancho 2008 Samuels 1988 Sérusiaux et al. 1999	lecanodes : ATCC MYA-3179 lecanodes : CBS 102482 parmeliae : ATCC 200561 parmeliae : ATCC 200825	parmeliae (ATCC 200561): nrSSU: AF289657
<i>Paranectria</i>	3-0-0	Clauzade et al. 1989 Hawksworth 1982a Rossman et al. 1999	oropensis : CBS 115018	
<i>Pronectria</i>	fragmospora Etayo: on <i>Usnea</i> invisibilis Etayo: on <i>Nephroma antarcticum</i> occulta Etayo: on <i>Usnea</i> 27-0-0	Etayo 2002 Etayo & Sancho 2008 Lowen 1995 Rossman et al. 1999	oligospora : Culture RL929-92 obtained by Lowen (1995) santessonii : ATCC 62531 (listed as <i>Nectriella</i> <i>santessonii</i>)	
<i>Trichonectria</i>	australis Etayo: on <i>Usnea</i> rubefaciens (Ellis & Everh.) Diederich & Schroers: on <i>Parmelia</i> s.lat. [anamorph: <i>Acremonium rhabdosporum</i>]	Etayo 2002 Etayo & Sancho 2008 Sérusiaux et al. 1999 Hawksworth 1978b	rubefaciens (see anamorph <i>Acremonium rhabdosporum</i> under Anamorphic Ascomycota)	

	5-0-0	Rossmann et al. 1999		
<i>Xenonectriella</i>	aurantiaca Etayo: on <i>Pseudocyphellaria</i> humilis Etayo: on <i>Pseudocyphellaria</i> leptaleoides (Etayo) Etayo: on ... ornamentata (D. Hawksw.) Rossmann: on <i>Peltigera</i> rosea Etayo: on <i>Pannaria</i> streimanii (S. Y. Kondr., Coppins & D. J. Galloway) Rossmann: on <i>Lobaria</i> and <i>Sticta</i>	Etayo & Sancho 2008 Rossmann et al. 1999		
Clavicipitaceae				
<i>Neobarya</i>	ciliaris ...: on <i>Heterodermia</i> darwiniana Etayo: on <i>Nephroma antarcticum</i> lichenophila ...: on <i>Cladonia</i> peltigerae ...: on <i>Peltigera</i> usneae ...: on <i>Usnea</i>	Etayo 2002 Etayo & Sancho 2008		
Niessliaceae				
<i>Niesslia</i>	cladoniicola D. Hawksw. & W. Gams: on <i>Cladonia</i> peltigericola (D. Hawksw.) Etayo: on <i>Peltigera</i> stictae ...: on <i>Sticta</i> tatjanae (S. Y. Kondr.) Etayo: on <i>Pseudocyphellaria</i> yaganae Etayo: on <i>Nephroma antarcticum</i>	Etayo 2002 Etayo & Diederich 1995 Etayo & Sancho 2008 Hawksworth 1975b Hawksworth 1979a	cladoniicola : CBS 960.73	
Lecanorales				
Acarosporaceae				
<i>Acarospora</i>	0-22-0	Rambold & Tiebel 1992		
<i>Polysporina</i>	2-1-0	Poelt & Vězda 1981 Rambold & Tiebel 1992		
<i>Thelocarpon</i>	1-4-0	Rambold & Tiebel 1992		

Caliciaceae				
<i>Calicium</i>	0-1-0	Clauzade et al. 1989		
<i>Cyphelium</i>	1-1-1	Tibell 1971		
Candelariaceae				
<i>Candelariella</i>	0-4-0	Rambold & Triebel 1992		
Catillariaceae				
<i>Catillaria</i>	2-1-0	Etayo 2000 Hafellner 1982b Rambold & Triebel 1992		
<i>Halecania</i>	0-2-0	Mayrhofer 1987b		
<i>Toninia</i>	ualae Etayo: lichenicolous lichen on <i>Pseudocyphellaria</i> and <i>Nephroma</i> <i>antarcticum</i> 7-37-0	Etayo & Sancho 2008 Rambold & Triebel 1992 Timdal 1992		plumbina : nrITS: AF282107 verrucarioides : nrITS: AF282128
Dactylosporaceae				
<i>Dactylospora</i>	inconspicua Etayo: on <i>Menegazzia</i> 37-0-0	Alstrup et al. 1994 Alstrup & Hawksworth 1990 Alstrup & Olech 1993 Clauzade et al. 1989 Etayo 1991 Etayo & Sancho 2008 Hafellner 1979 Hafellner 1985a Kondratyuk & Galloway 1995c Olech & Alstrup 1996 Sérusiaux & Wessels 1984 Triebel 1989	lobariella : CBS 300.80 parasitica : CBS 101579 parasitica : Culture obtained by Crittenden et al. (1995)	lobariella (AFTOL-ID 2137, CBS 300.80): nrSSU: FJ176837 ; nrLSU: FJ176891
Fuscideaceae				
<i>Lettauia</i>	3-0-0	Etayo 2002 Hawksworth & Santesson 1990 Ihlen & Tønsberg 1996		
Hymeneliaceae				
<i>Aspicilia</i>	0-1-0	Rambold & Triebel 1992		
Lecanoraceae				
<i>Bryonora</i>	0-1-0	Rambold & Triebel 1992		

<i>Calvitimela</i>	0-1-0	Rambold & Triebel 1992	
<i>Carbonea</i>	neuropogonis Etayo: on <i>Usnea aurantiaco-atra</i> 11-3-0	Alstrup et al. 1994 Etayo & Sancho 2008 Hafellner 1999 Rambold & Triebel 1992	supersparsa : nrSSU: AY567773 vitellinaria : nrITS and nrLSU: AY541239
<i>Lecanora</i>	1-11-0	Rambold & Triebel 1992	
<i>Lecidella</i>	0-5-0	Rambold & Triebel 1992	
<i>Miriquidica</i>	0-6-0	Rambold & Triebel 1992	
<i>Ramboldia</i>	0-1-0	Hafellner & Türk 1995	
Lecideaceae			
<i>Cecidonia</i>	2-0-0	Triebel & Rambold 1988	umbonella : nrLSU: AY532990 ; beta-tubulin: AY536768 xenophana : nrLSU: AY532991 ; beta-tubulin: AY536769
<i>Lecidea</i> s.l.	3-11-0	Rambold & Triebel 1992	
<i>Steinia</i>	0-1-0	Rambold & Triebel 1992	
Parmeliaceae			
<i>Phacopsis</i>	13-0-0	Hafellner 1987a Scholtz 1998 Triebel & Rambold 1988 Triebel et al. 1995	huuskonenii : nrITS (Phhuu): AF450283 huuskonenii (D41): nrSSU: AF450289 oxyspora (D169): nrITS: AF450287 oxyspora (D20): nrITS: AF450284 oxyspora (PhCop1): nrSSU: AF450290 vulpina (D132): nrITS: AF450285
<i>Protoparmelia</i>	0-6-0	Rambold & Triebel 1992	
Physciaceae			
<i>Buellia</i>	2-16-0	Bricaud & Roux 1991 Calatayud & Barreno 1995 Clauzade et al. 1989 Hafellner 1979 Hafellner & Poelt 1980	

		Rambold & Triebel 1992 Scheidegger 1987		
<i>Rinodina</i>	1-10-0	Alstrup & Hawksworth 1990 Rambold & Triebel 1992		
Pilocarpaceae				
<i>Micarea</i>	1-0-0	Rambold & Triebel 1992		
Porpidiaceae				
<i>Bellemerea</i>	0-1-0	Rambold & Triebel 1992		
<i>Immersaria</i>	0-2-0	Rambold & Triebel 1992		
<i>Mycobilimbia</i> s.l.	1-0-0	Rambold & Triebel 1992		
<i>Poeltiaria</i>	0-1-0	Rambold & Triebel 1992		
Psoraceae				
<i>Glyphopeltis</i>	0-1-0	Rambold & Triebel 1992		
<i>Psorula</i>	0-1-0	Rambold & Triebel 1992		
Ramalinaceae				
<i>Bacidia</i>	1-2-0	Rambold & Triebel 1992		
<i>Scutula</i>	miliaris (Wallr.) Trevis.: on ... nephromatis (Speg.) Etayo: on <i>Nephroma antarcticum</i> stereocaulorum (Anzi) Körber: on ... 11-4-0	Alstrup 1997 Alstrup & Hawksworth 1990 Clauzade et al. 1989 Etayo & Sancho 2008 Rambold & Triebel 1992 Triebel et al. 1997		krempelhuberi : mtSSU: AY567789 miliaris : mtSSU: AY567790
<i>Squamarina</i>	0-1-0	Rambold & Triebel 1992		
<i>Tephromela</i>	3-0-0	Rambold 1993		
Rhizocarpaceae				
<i>Epilichen</i>	1-2-0	Hafellner 1978 Triebel 1989		
<i>Rhizocarpon</i>	5-25-0	Rambold & Triebel 1992		

Teloschistaceae				
<i>Caloplaca</i>	0-37-0	Breuss 1990 Nimis et al. 1994 Olech & Søchting 1993 Rambold & Triebel 1992 Wetmore 1999		
Incertae sedis				
<i>Corticifraga</i>	chugachiana ...: on <i>Lobaria oregana</i> fuckelii (Rehm) D. Hawksw. & R. Sant.: on <i>Peltigera</i> peltigerae ...: on <i>Peltigera</i> pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i> santessonii ...: on <i>Lobaria</i> and <i>Nephroma</i> 2-0-0	Etayo & Sancho 2008 Hawksworth & Santesson 1990		
<i>Corticiraptor</i>	corallinus Etayo: on <i>Pseudocyphellaria</i> 1-0-0	Etayo & Sancho 2008 Wedin & Hafellner 1998		
<i>Nimisiostella</i>	1-0-0	Calatayud et al. 1997		
<i>Scoliciosporum</i>	pseudocyphellariae Etayo: lichenicolous lichen on <i>Pseudocyphellaria</i>			
<i>Umbilithecium</i>	pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i>	Etayo & Sancho 2008		
<i>Umushamyces</i>	kuturnum Etayo: on <i>Coccotrema cucurbitula</i>	Etayo & Sancho 2008		
Lichinales				
Lichinaceae				
<i>Lichinodium</i>	0-1-0	Rambold & Triebel 1992		
<i>Phylliscum</i>	0-1-0	Rambold & Triebel 1992		
Mycocaliciales				
Mycocaliciaceae				
<i>Chaenothecopsis</i>	30-0-0	Clauzade et al. 1989 Tibell 1991b Tibell 1998	viridireagens : CBS (14 records); UPSC	consociata : nrITS+LSU: AY795851

		Tibell & Ryman 1995		<p>consociata: nrLSU: DQ008999</p> <p>epithallina (Tibell 22793): nrITS+LSU: AY795856</p> <p>epithallina (Tibell 22705): nrITS+LSU: AY795855</p> <p>epithallina (Tibell 22716): nrLSU: AY795994</p> <p>pusiola (Tibell 15884): nrITS+LSU: AY795865</p> <p>pusiola (Tibell 19258): nrLSU: AY795999</p> <p>savonica (Tibell 15876): nrITS+LSU: AY795868; nrLSU: AY796000</p> <p>savonica: nrSSU: U86691</p> <p>subparoica: nrITS+LSU: AY795869</p> <p>viridireagens (Tibell 22803): nrITS: AY795872; nrLSU DQ013257</p>
Sphinctrinaceae				
<i>Sphinctrina</i>	6-0-0	Kalb 2001 Löfgren & Tibell 1979 Purvis et al. 1992	leucopoda : CBS 114206; UPSC	<p>leucopoda (Kalb 33829): nrITS+LSU: AY795875; nrLSU: AY796006</p> <p>turbinata (Tibell 23093): nrITS+LSU: AY795877; nrLSU: DQ009001</p> <p>turbinata (Tibell 22478): nrITS+LSU: AY795876; nrLSU: AY796007</p> <p>turbinata (AFTOL 1721): nrSSU: EF413631; nrLSU: EF413632; mtSSU: FJ713611; RPB2: EF413633</p> <p>turbinata: nrSSU: U86693</p>

Ostropales				
Odontotremataceae				
<i>Odontotrema</i>	bryoriae Diederich & Etayo: on <i>Bryoria cuculare</i> (Norman) Diederich: on <i>Parmeliopsis figulinum</i> (Norman) Diederich: on <i>Lecanora polytropa</i> intermedium Diederich, Zhurb. & Etayo: on <i>Thamnolia vermicularis</i> japewiae Zhurb. & Diederich: on <i>Japewia tornöensis</i> lecanorae Diederich & Marson: on <i>Lecanora melaneliae</i> Diederich & Zhurb.: on <i>Melanelia hepatizon</i> and <i>Melanohalea olivacea</i> navarinoi Etayo: on <i>Micarea magellanica</i> ochrolechia Diederich, Holien & Zhurb.: on <i>Ochrolechia</i> pertusariae Etayo, Diederich & Coppins: on <i>Pertusaria hymenea</i> rhizocarpicola Zhurb., Diederich & Himelbrant: on <i>Rhizocarpon</i> gr. <i>geographicum</i> santessonii Zhurb., Etayo & Diederich on <i>Thamnolia vermicularis</i> sipei (Grummann) Diederich: on <i>Letharia thamnoliae</i> Zhurb., Diederich & Etayo: on <i>Thamnolia</i> sp. 1: on <i>Mycoblastus</i> sp. 2: on <i>Usnea</i> sp. 3: on <i>Lecanora</i>	Diederich et al. 2002 Etayo & Sancho 2008 Zhurbenko 2009b		
<i>Paraethariicola</i>	aspiciliae Calat., Etayo & Diederich: on <i>Aspicilia</i>	Calatayud et al. 2001a		
Stictidaceae				
<i>Nanostictis</i>	christiansenii Etayo: on <i>Lobaria pulmonaria</i> nephromatis Etayo: on <i>Nephroma</i>	Etayo 2002 Etayo & Diederich 1996b		

	<i>antarcticum</i> peltigerae M.S. Christ.: on <i>Peltigera</i> pluriseptata Etayo: on <i>Lobaria</i> gr. <i>pallida</i> pseudocyphellariae Sherwood: on <i>Pseudocyphellaria</i> stictae Etayo: on <i>Sticta</i>	Etayo & Sancho 2008		
<i>Stictis</i> s.l.	cladoniae (Rehm) Sacc.: on <i>Cladonia</i>	Sherwood 1977		
Thelotremataceae				
<i>Diploschistes</i>	<i>bisporus</i> (Bagl.) Steiner: lichen, facultative lichenicolous on <i>Rhizocarpon geographicum</i> s.l. <i>caesioplumbeus</i> (Nyl.) Vainio: lichen, facultative lichenicolous on <i>Lecanora</i> <i>gangaleoides</i> <i>euganeus</i> (A. Massal.) Steiner: lichen, facultative lichenicolous on <i>Ochrolechia</i> <i>parella</i> muscorum (Scop.) R. Sant.: lichenicolous on <i>Cladonia</i> (rarely <i>Stereocaulon</i>) when young, later an independent lichen	Lumbsch 1989		
Phyllachorales				
Phyllachoraceae				
<i>Lichenochora</i>	acutispora Etayo: on <i>Fuscopannaria</i> <i>magellanica</i> 26-0-0	Aptroot et al. 1997 Calatayud et al. 2000 Etayo & Sancho 2008 Hafellner 1989 Hafellner & Berger 2000 Hoffmann & Hafellner 2000 Navarro-Rosinés et al. 1994 Navarro-Rosinés et al. 1998a Navarro-Rosinés et al. 1998c Navarro-Rosinés & Etayo 2001 Navrotskaya et al. 1996 Roux & Triebel 1994 Triebel et al. 1991		
<i>Telimena</i> s.l.	1-0-0	Clauzade et al. 1989		

Pyrenulales				
Requienellaceae				
<i>Lacrymospora</i>	0-0-1	Aptroot 1991		
<i>Parapyrenis</i>	1-0-0	Aptroot et al. 1997		
Sordariales				
Chaetosphaeriaceae				
<i>Melanopsamma</i>	1-0-0	Clauzade et al. 1989		
Nitschkiaceae				
<i>Acanthonitschkea</i>	1-0-0	Alstrup & Olech 1993		
<i>Lasiosphaeriopsis</i>	4-0-0	Alstrup et al. 1994 Alstrup & Hawksworth 1990 Eriksson & Santesson 1986 Hawksworth 1980b Triebel 1989		
<i>Rhagadostoma</i>	pannariae Etayo: on <i>Pannaria</i> 6-0-0	Etayo & Sancho 2008 Navarro-Rosinés et al. 1999 Navarro-Rosinés & Hladun 1994		
<i>Rhagadostomella</i>	1-0-0	Etayo 2002		
Incertae sedis				
<i>Globosphaeria</i>	1-0-0	Hawksworth 1990b		
<i>Reconditella</i>	1-0-0	Matzer & Hafellner 1990		
<i>Roselliniella</i>	15-0-0	Aptroot et al. 1997 Etayo 2002 Hawksworth & Miadlikowska 1997a Hoffmann & Hafellner 2000 Matzer & Hafellner 1990		atlantica: nrLSU: GQ888763 R. sp. (DLH 2009a): nrLSU: GQ888764
<i>Roselliniomyces</i>	1-0-0	Matzer & Hafellner 1990		
<i>Roselliniopsis</i>	5-0-0	Alstrup et al. 1994 Matzer 1993 Matzer & Hafellner 1990		
<i>Teratoschaeta</i>	rondoniensis Bat. & O. M. Fonseca: on foliicolous <i>Mazosia</i> and other Roccellaceae [anamorph: <i>Ampullifera amoeboides</i>]	Matzer 1996		

Trichosphaeriales				
Trichosphaeriaceae				
<i>Trichosphaeria</i>	1-0-0	Clauzade et al. 1989 Hawksworth 1980b		
Verrucariales				
Adelococcaceae				
<i>Adelococcus</i>	porocyphii S. Zelanko & S. Y. Kondr.: on <i>Porocyphus</i> 3-0-0	Etayo & Breuss 1998 Kondratyuk & Zelenko 2002 Matzer & Hafellner 1990		
<i>Sagediopsis</i>	6-0-0	Alstrup & Hawksworth 1990 Hafellner 1993 Hoffmann & Hafellner 2000 Triebel 1989 Triebel 1993		
Verrucariaceae				
<i>Bellemerella</i>	3-0-0	Calatayud & Navarro-Rosinés 2001 Navarro-Rosinés & Roux, 1997a		
<i>Clauzadella</i>	1-0-0	Navarro-Rosinés & Roux 1996		
<i>Endococcus</i>	apiciicola ...: on <i>Usnea</i> macrosporus ...: on <i>Rhizocarpon</i> pallidosporus Etayo: on <i>Pseudocyphellaria</i> parentus Etayo: on <i>Pseudocyphellaria</i> parmeliarum Etayo: on <i>Parmelia saxatilis</i> pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i> 67-0-0	Alstrup 1996 Alstrup et al. 1994 David & Etayo 1995 Etayo 2002 Etayo & Breuss 2001 Etayo & Sancho 2008 Hafellner 1994a Hawksworth 1979c Hawksworth 1982a Matzer 1993 Santesson 1994b Sérusiaux et al. 1999 Triebel 1989	rugulosus : Culture obtained by Crittenden et al. (1995)	fusigera (Orange 17098): nrSSU+ITS+LSU: FJ645262
<i>Haleomyces</i>	1-0-0	Hawksworth & Esslinger 1993		
<i>Merismatium</i>	coccotremicola Etayo: on <i>Coccotrema</i> 9-0-0	Alstrup 1997 Alstrup & Hansen 2001 Etayo & Sancho 2008 Hertel & Rambold 1990		

		Triebel 1989		
<i>Muellerella</i>	antarctica Etayo: on <i>Hypogymnia antarctica</i> 10-0-0	Clauzade et al. 1989 Diederich 1986 Etayo & Sancho 2008 Hawksworth 1985 Triebel 1989	pygmaea : Culture obtained by Crittenden et al. (1995)	
<i>Norrinia</i>	2-0-0	Hawksworth 1980b Konratyuk & Galloway 1995a		peltigericola (Palice 4369): nr LSU: AY300845 ; mtLSU: AY779307 ; nrSSU: AY779280 ; mtSSU: AY300896
<i>Phaeospora</i>	dermatocarponis (R. G. Werner) S. Kondr.: on ... 15-0-0	Alstrup & Hansen 2001 Alstrup & Olech 1996 Hawksworth 1980b Horáková & Alstrup 1994 Konratyuk & Zelenko 2002 Øvstedal & Hawksworth 1986 Sérusiaux et al. 1999		
<i>Placocarpus</i>	0-1-0	Breuss 1985		
<i>Teloggalla</i>	1-0-0	Hoffmann & Hafellner 2000		
<i>Verrucaria</i>	1-13-0	Alstrup & Hansen 2001 Breuss 1998 Hoffman & Hafellner 2000 Ménard & Roux 1991 Orange 2002 Rambold & Triebel 1992 Zehetleitner 1978		
Incertae sedis				
<i>Pseudostigmatium</i>	biseptatum Etayo: on <i>Pseudocyphellaria</i> confusum Etayo; on <i>Pseudocyphellaria</i> disparatum Etayo: on <i>Pseudocyphellaria</i> fumosum Etayo: on <i>Pseudocyphellaria</i> nephromiarium (Lindsay) Etayo: on <i>Nephroma antarcticum</i>	Etayo & Sancho 2008		
<i>Stigmatium</i>	alectoriae (Lindsay) Etayo: on <i>Usnea</i> disconephromeum Etayo: on <i>Nephroma</i> <i>antarcticum</i> marinum (Deakin) Swinscow: on maritime	Alstrup 1993a Alstrup & Hawksworth 1990 Alstrup & Olech 1996 Calatayud & Triebel 1999		

	<p><i>Verrucaria</i> Pharcidia maritima B. de Lesd.: on ... peltideae (Vain.) R. Sant.: on <i>Peltigera</i> pumilum (Lettau) Matzer & Hafellner: on <i>Physcia</i> ramalinae (Müll. Arg.) Etayo & Diederich: on <i>Ramalina</i> spgazzinii Etayo: on <i>Pseudocyphellaria</i> Pharcidia verrucariarum (Arnold) Sacc.: on <i>Verrucaria</i> 71-0-0</p>	<p>Calatayud & Triebel 2001 Clauzade et al. 1989 Etayo 1994 Etayo 2000 Etayo 2002 Etayo & Sancho 2008 Hafellner 1982c Hafellner 1994a Hafellner 1994b Hafellner & Obermayer 1995 Hawksworth 1975b Matzer 1996 Matzer & Hafellner 1990 Molitor & Diederich 1997 Roux & Navarro-Rosinés 1994 Roux & Triebel 1994 Roux et al. 1995 Santesson 1989 Santesson 1993b Triebel 1989 Triebel & Scholz 2001 Roux et al. 1998</p>		
Xylariales				
Xylariaceae				
<i>Anthostomella</i>	1-0-0	Clauzade et al. 1989		
Incertae sedis				
Arthrorhaphidaceae				
<i>Arthrorhaphis</i>	2-3-1	Obermayer 1994 Santesson & Tønberg 1994		<p>citrinella (Ihlen 1372): nrLSU: AY853357; mtSSU: AY853309 citrinella (Nordin 4905): nrLSU: AY853356; RPB1: DQ915592; mtSSU: AY853308 citrinella (Lutzoni 97.06.29 ST2.1): nrLSU: AF279376; nrSSU: AF279375</p>
Gomphillaceae				
<i>Gyalideopsis</i>	3-1-0	Etayo & Diederich 2001		

		Lücking 1997 Lücking & Sérusiaux 1998		
Melaspileaceae				
<i>Melaspilea</i>	8-0-0	Clauzade et al. 1989 Hawksworth 1982b Kondratyuk & Galloway 1995c		
Microcaliciaceae				
<i>Microcalicium</i>	conversum Tibell: on <i>Calicium</i> and <i>Chaenotheca</i> subpedicellatum (Schaerer) Tibell: on <i>Calicium</i> and <i>Chaenotheca</i> 3-0-1	Clauzade et al. 1989 Hawksworth 1981 Tibell 1978		
Myxotrichaceae				
<i>Myxotrichum</i>	1-0-0	Hawksworth 1979a		
Obryzaceae				
<i>Obryzum</i>	3-0-0	Aptroot & Sipman 2001 Hoffmann & Hafellner 2000		
Protothelenellaceae				
<i>Protothelenella</i>	pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i> 2-0-0	Etayo & Sancho 2008 Mayrhofer 1987a		
Strigulaceae				
<i>Strigula</i>	1-0-0	Etayo 2002		
Xanthopyreniaceae				
<i>Didymellopsis</i>	4-0-0	Grube & Hafellner 1990		
<i>Zwackhiomyces</i>	19-0-1	Alstrup 1993a Alstrup & Olech 1993 Aptroot et al. 1997 Grube & Hafellner 1990 Harris 1995 Hawksworth & Atienza 1994 Hawksworth & Miadlikowska 1997a Hoffmann & Hafellner 2000 Kondratyuk 1996b		

		Miadlikowska & Alstrup 1995 Orange 2002		
Incertae sedis				
<i>Abrothallus</i>	<p>acetabuli Diederich: on <i>Pleurosticta acetabulum</i></p> <p>bertianus De Not.: on <i>Melanelixia</i></p> <p>bryoriarum Hafellner: on <i>Bryoria</i></p> <p>buellianus De Not.: on <i>Parmelina</i></p> <p>caerulescens Kotte: on <i>Xanthoparmelia</i></p> <p>cetrariae Kotte: on <i>Platismatia glauca</i></p> <p>chrysanthus Stein: on <i>Usnea</i></p> <p>cladoniae R. Sant. & D. Hawksw.: on <i>Cladonia</i></p> <p>granulatae Wedin: on <i>Pseudocyphellaria</i></p> <p>hypotrachynae Etayo & Diederich: on <i>Hypotrachyna</i></p> <p>microspermus Tul.: on <i>Flavoparmelia caperata</i></p> <p>parmeliarum (Sommerf.) Nyl.: on <i>Parmelia</i></p> <p>parmotrematis Diederich: on <i>Parmotrema</i></p> <p>peyritschii (Stein) Kotte: on <i>Vulpicida</i></p> <p>pezizicola Diederich & R.C. Harris: on <i>Cladonia peziziformis</i></p> <p>prodiens (Harm.) Diederich & Hafellner: on <i>Hypogymnia</i></p> <p>secedens Wedin & R. Sant.: on <i>Pseudocyphellaria</i></p> <p>stereocaulorum Etayo & Diederich: on <i>Stereocaulon</i></p> <p>stictarum Etayo: on <i>Sticta</i></p> <p>stroblii Hafellner: on <i>Menegazzia terebrata</i></p> <p>suecicus (Kirschst.) Nordin: on <i>Ramalina</i></p> <p>tulasnei M.S. Cole & D. Hawksw.: on <i>Xanthoparmelia</i></p> <p>usneae Rabenh.: on <i>Usnea</i></p>	<p>Diederich 1990</p> <p>Diederich 2003</p> <p>Diederich 2004a</p> <p>Etayo 2002</p> <p>Etayo & Osorio 2004</p> <p>Etayo & van den Boom 2006</p> <p>Hafellner 1994a</p> <p>Hafellner et al. 2008</p> <p>Hawksworth 1990a</p> <p>Ihlen & Wedin 2008</p> <p>Kondratyuk 1996b</p> <p>Nordin 1964</p> <p>Suija 2006</p> <p>Wedin 1994</p>		

	usneae var. tetraspora Etayo & Osorio: on <i>Usnea</i> welwitschii Mont.: on <i>Sticta</i>			
<i>Gyrophthorus</i>	3-0-0	Hafellner & Sancho 1990 Hoffman & Hafellner 2000		
<i>Hymenobia</i>	insidiosa Nyl.: on <i>Lecidea</i>	Eriksson & Hawksworth 1991 Triebel 1989 (sub <i>Hymenobiella aporea</i>)		
<i>Hypotrachynicola</i>	1-0-0	Etayo 2002		
<i>Neolamya</i>	1-0-0	Keissler 1930		
<i>Pleosphaeria</i>	1-0-0	Henssen 1964		
<i>Rhynchomeliola</i>	1-0-0	Henssen & Kantvilas 1985		
<i>Sarcoexcipula</i>	pannariae Etayo: on <i>Pannaria pallida</i>	Etayo & Sancho 2008		
<i>Sarcopyrenia</i>	6-0-0	Navarro-Rosinés & Hladun 1990 Navarro-Rosinés et al. 1998b		
<i>Sphaeria</i>	sociella Nyl.: on <i>Trapelia coarctata</i>	Triebel 1989		
<i>Stegilla</i> (= <i>Stegia</i>)	1-0-0	Clauzade et al. 1989		
<i>Stellifraga</i>	cladoniicola Alstrup & Olech: on <i>Cladonia</i>	Alstrup & Olech 1993		
<i>Thamnogalla</i>	crombiei (Mudd) D. Hawksw.: on <i>Thamnolia</i>	Hoffmann & Hafellner 2000		
<i>Trichophyma</i>	2-0-0	Matzer 1996		
Anamorphic Ascomycota				
<i>Acaroconium</i>	punctiforme Kocourk. & D. Hawksw.: on <i>Acarospora</i> and <i>Sarcogyne</i>	Kocourková & Hawksworth 2008		
<i>Acarosporium</i>	lichenicola Ihlen & Tønsberg: on <i>Icmadophila</i>	Ihlen 1998		
<i>Acremonium</i>	antarcticum (Speg.) D. Hawksw.: on various lichens, facultative lichenicolous hypholomatis (Boedijn) D. Hawksw.: on <i>Physcia stellaris</i> , facultative lichenicolous lichenicola W. Gams: on lichens and other substrata [<i>pedatum</i> Lowen: on <i>Hypogymnia physodes</i> = anamorph of <i>Trichonectria anisospora</i>]	Diederich 1989 Diederich & Braun 2009 Hawksworth 1979a Lowen 1995	antarcticum : CBS 987.87; BCRC lichenicola : CBS (6 strains); VKM; BCRC persicinum : BCCM; UAMH; CCM; LCP; DSMZ; ITCC; MTCC; IFO; JCM; CBS; KMM; BCRC; IMI; ATCC;	antarcticum (CBS 987.87): nrSSU+ITS: DQ825970 ; nrLSU: EF543830 persicinum (AFTOL 1391, CBS 310.59): nrLSU: FJ176878 ; nrSSU: FJ176822 ; RPB2: FJ238361 persicinum : nr5SRNA: X00866 ;

	<p><i>persicinum</i> (Nicot) W. Gams: isolated from lichens, facultative lichenicolous</p> <p><i>psychrophilum</i> Möller & Gams: isolated from lichens</p> <p>[<i>rhabdosporum</i> W. Gams: on <i>Parmelia</i>, also reported from <i>Cladonia</i> = anamorph of <i>Trichonectria rubefaciens</i>]</p> <p>spegazzinii D. Hawksw.: on <i>Leptogium strictum</i> W. Gams: facultative lichenicolous</p>		<p>ARS (NRRL)</p> <p>rhabdosporum (= anamorph of <i>Trichonectria rubefaciens</i>): CBS; BCRC</p> <p>rhabdosporum: culture obtained by Lowen 1995</p>	<p>X00865; X00864</p>
<i>Ampullifera</i>	<p>[<i>amoeboides</i> (Bat. & Caval.) D. Hawksw.: on foliicolous <i>Mazosia</i> and other Roccellaceae = anamorph of <i>Teratoschaeta rondoniensis</i>]</p> <p>foliicola Deight.: on foliicolous lichens</p> <p>hippocrateacearum (Bat. & Caval.) D. Hawksw.: on foliicolous <i>Mazosia</i> and other lichens</p> <p>leonensis Deight.: on foliicolous lichens</p> <p>pirozynskii D. Hawksw.: on foliicolous lichens</p> <p>ugandensis Deight.: on foliicolous lichens</p>	Hawksworth 1979a		
<i>Arborillus</i>	llimonae Munt.-Cvet. & Gómez-Bolea: on <i>Diploschistes</i>	Muntañola-Cvetkovic & Gómez-Bolea 1998		
<i>Ascochyta</i>	santessonii Alstrup & D. Hawksw.: on <i>Phaeophyscia sciastra</i>	Alstrup & Hawksworth 1990		
	candelarielicola D. Hawksw. & Kalb: on <i>Candelariella aurella</i>	Hawksworth & Kalb 1992		
<i>Asterophoma</i>	mazaediicola D. Hawksw.: on <i>Calicium</i>	Hawksworth 1981 Tibell 1991a		
<i>Bachmanniomyces</i>	pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i>	Etayo & Sancho 2008		
	uncialicola (Zopf) D. Hawksw.: on <i>Cladonia</i>	Hawksworth 1981		
<i>Berkleasmium</i>	parmeliellae Etayo & Diederich: on <i>Parmeliella testacea</i>	Etayo & Diederich 1995		

<i>Blarneya</i>	hibernica D. Hawksw., Coppins & P. James: lichenicolous on lichens with <i>Trentepohlia</i> when young, later an independent lichen	Hawksworth 1979b		
<i>Carnegieispora</i>	rimeliae Etayo & F. Berger: on <i>Parmotrema</i>	Etayo & Berger 2009		
<i>Cephalosporiopsis</i>	epiparasitaster Alstrup: on <i>Chaenothecopsis parasitaster</i>	Alstrup 1997		
<i>Chalara</i>	lichenicola M. S. Christ.: on <i>Cladonia lobariae</i> Etayo: on <i>Lobaria pulmonaria</i> pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i>	Christiansen 1993 Etayo & Diederich 1996b Etayo & Sancho 2008		
<i>Choreospora</i>	tibellii Constant. & R. Sant.: on foliicolous ? <i>Echinoplaca</i>	Constantinescu & Santesson 1987		
<i>Cladoniicola</i>	staurospora Diederich, van den Boom & Aptroot: on <i>Cladonia</i>	Diederich et al. 2002 ('2001')		
<i>Cladosporium</i>	arthoniae M. S. Christ. & D. Hawksw.: on corticolous lichens with <i>Trentepohlia</i> licheniphilum Heuchert & U. Braun: on <i>Pertusaria alpina</i>	Diederich 1989 Hawksworth 1979a Heuchert & Braun 2006		
<i>Clauzadeomyces</i>	verrucosus Diederich: on <i>Placopsis</i>	Diederich 1994		
<i>Codonmyces</i>	lecanorae Calat. & Etayo: on <i>Lecanora valesiaca</i>	Calatayud & Etayo 1999a		
<i>Coniambigua</i>	phaeographidis Etayo & Diederich: on <i>Phaeographis</i>	Etayo & Diederich 1995		
<i>Cornutispora</i>	ciliata Kalb: on various lichens herteliana Knoph: on <i>Lecidella</i> intermedia Punith. & D. Hawksw.: on <i>Ochrolechia</i> lichenicola D. Hawksw. & B. Sutton: on various lichens pittii D. Hawksw. & Punith.: on <i>Hypotrachyna</i> triangularis Diederich & Etayo: on <i>Pertusaria pertusa</i>	Etayo & Diederich 1995 Gierl & Kalb 1993 Hawksworth 1976 Hawksworth 1981 Knoph 2004 Punithalingam 2003 Sutton 1980	ciliata : CBS 111093	
<i>Corynespora</i>	laevistipitata (M. S. Cole & D. Hawksw.)	Heuchert & Braun 2006		

	Heuchert & U. Braun: on <i>Pertusaria ophthalmiza</i>			
<i>Deichmannia</i>	verrucosa Alstrup & D. Hawksw.: on <i>Diploschistes</i>	Alstrup & Hawksworth 1990		
<i>Dendrodochium</i>	subeffusum Ellis & Galw.: on <i>Physcia millegrana</i> and possibly other lichens	Hawksworth 1979a		
<i>Dictyophrynella</i>	bignoniacearum Bat. & Caval.: on foliicolous lichens	Hawksworth 1979a		
<i>Diederichia</i>	pseudeverniae (Etayo & Diederich) D. Hawksw.: on <i>Pseudevernia</i>	Etayo & Diederich 1996a Hawksworth 2003		
<i>Dinemasporium</i>	<i>strigosum</i> (Fr.) Sacc.: facultative lichenicolous on <i>Peltigera</i>	Miadlikowska & Alstrup 1995	strigosum : CBS (4 records); MUCL; VKM; UPSC; IMI; ARS (NRRL)	
<i>Diplolaeviopsis</i>	ranula Giralt & D. Hawksw.: on <i>Lecanora strobilina</i> and <i>L. strobilinoides</i>	Giralt & Hawksworth 1991		
<i>Diplosporium</i>	caudatum Speg.: on <i>Lobaria quercizans</i>	Hawksworth 1979a		
<i>Ellisembia</i>	lichenicola Heuchert & U. Braun: on <i>Pertusaria</i> and <i>Physconia</i>	Heuchert & Braun 2006		
<i>Endophragmiella</i>	hughesii D. Hawksw.: on <i>Lobaria pulmonaria</i>	Hawksworth 1979a		
<i>Epaphroconidia</i>	hawksworthii Calat. & V. Atienza: on <i>Pertusaria pertusa</i>	Calatayud & Atienza 1995		
<i>Epicladonia</i>	lapponica Ihlen: on <i>Pleopsidium chlorophanum</i> sandstedei (Zopf) D. Hawksw.: on <i>Cladonia simplex</i> D. Hawksw.: on <i>Cladonia simplex</i> stenospora (Harmand) D. Hawksw.: on <i>Cladonia</i>	Hawksworth 1981 Ihlen & Wedin 2005		
<i>Epicoccum</i>	nigrum Link: facultative lichenicolous over various lichens	David & Hawksworth 1995 Diederich 2004b	nigrum (syn. <i>E. purpurascens</i>): ACM; FRR; JCT; WAC; MUCL; URM; CCFC; CCM; VTT; LCP; DSMZ; DUM; ITCC; IFO; JCM; MAFF; ICMP; VKM; BCRC; ARS (NRRL); NCAM	nigrum : 131 nucleotide sequences and 11 protein sequences in GenBank

<i>Everniicola</i>	flexispora D. Hawksw.: on <i>Evernia</i> and <i>Nephroma arcticum</i>	Hawksworth 1982a		
<i>Feltgeniomyces</i>	dichotomus Etayo & Calat.: on <i>Physcia luxemburgensis</i> Diederich: on <i>Lecidella physciae</i> Etayo & Breuss: on <i>Physcia uniseptatus</i> Diederich: on <i>Hypotrachyna</i>	Aptroot et al. 1997 Calatayud & Etayo 2001 Diederich 1990 Etayo & Breuss 1998		
<i>Fenestroconidia</i>	caloplacae Calat. & Etayo: on <i>Caloplaca</i>	Calatayud & Etayo 1999b		
<i>Fusarium</i>	peltigerae Westend.: on <i>Peltigera</i>	Hawksworth 1979a	F. sp.: ATCC 208869; ARS (NRRL) 26803	F. sp. (ATCC 208869): nrLSU: AF228360 ; nrSSU: AF289654
<i>Gliocephalis</i>	pulchella (Penz. & Sacc.) D. Hawksw.: on <i>Sticta</i>	Hawksworth 1979a		
<i>Graphium</i>	aphthosae Alstrup & D. Hawksw.: on <i>Peltigera samogiticum</i> Motiej. & Alstrup: over <i>Sarcosagium</i> and <i>Verrucaria</i> , possibly algicolous	Alstrup & Hawksworth 1990 Motiejūnaitė & Alstrup 2006		
<i>Hainesia</i>	pertusariae Etayo & Diederich: on <i>Pertusaria xanthoriae</i> Brackel: on <i>Xanthoria</i>	Brackel 2009 Etayo & Diederich 1996a		
<i>Hansfordiellopsis</i>	[<i>elongata</i> D. Hawksw.: on <i>Porina</i> and other foliicolous lichens = anamorph of <i>Koordersiella deightonii</i>] [<i>lichenicola</i> (Bat. & Maia) Deight.: on foliicolous lichens = anamorph of <i>Koordersiella insectivora</i>] minuta D. Hawksw.: on foliicolous lichens tenuissima D. Hawksw.: on foliicolous lichens variegata D. Hawksw.: on foliicolous lichens, incl. <i>Bullatina aspidota</i>	Hawksworth 1979a		
<i>Hawksworthiana</i>	peltigericola (D. Hawksw.) U. Braun: on <i>Peltigera</i>	Braun 1988 Hawksworth 1980a		
<i>Helicobolomyces</i>	[<i>lichenicola</i> Matzer: on <i>Porina</i> and <i>Trichothelium</i> = anamorph of <i>Arthonia cinnabarinula</i>]			
<i>Hobsoniopsis</i>	santessonii (Lowen & D. Hawksw.) D.	Lowen et al. 1986	santessonii: ATCC 200311	santessonii (ATCC 200311):

	Hawksw.: on <i>Peltigera</i> , mainly <i>P. scabrosa</i>	Sikaroodi et al. 2001		nrSSU: AF289658
<i>Illosporium</i>	carneum Fr.: on <i>Peltigera</i> [= anamorph of several <i>Pronectria</i> species]	Hawksworth 1979a Sikaroodi et al. 2001	carneum : ATCC 201590	carneum (ATCC 201590): nrSSU: AF289655
<i>Illosporiopsis</i>	christiansenii B. L. Brady & D. Hawksw.: on various corticolous lichens	Lowen et al. 1986 Sikaroodi et al. 2001	christiansenii : ATCC 201109 christiansenii : Culture (as <i>Hobsonia christiansenii</i>) obtained by Crittenden et al. (1995)	christiansenii (ATCC 201109): nrSSU: AF289656
<i>Intralichen</i>	baccisporus D. Hawksw. & M. S. Cole: on <i>Caloplaca</i> and other lichens christiansenii (D. Hawksw.) D. Hawksw. & M. S. Cole: on <i>Candelariella</i> and other lichens lichenicola (M. S. Christ. & D. Hawksw.) D. Hawksw. & M. S. Cole: on <i>Candelariella</i> and other lichens lichenum (Diederich) D: Hawksw. & M. S. Cole: on various lichens	Diederich 1990 Hawksworth 1979a Hawksworth & Cole 2002	christiansenii : Culture (as <i>Bispora christiansenii</i>) obtained by Crittenden et al. (1995)	christiansenii (as <i>Bispora christiansenii</i> , IMI 227584): nrSSU: AM279680
<i>Kalchbrenneriella</i>	cyanescens (Kalchbr.) Diederich & M. S. Christ.: on <i>Usnea</i>	Diederich 2002		
<i>Karsteniomyces</i>	llimonae Boqueras & Diederich: on <i>Parmelina quercina</i> [<i>peltigerae</i> (P. Karst.) D. Hawksw.: on <i>Peltigera</i> = anamorph of <i>Scutula miliaris</i>] tuberculosis Alstrup & D. Hawksw.: on <i>Peltigera leucophlebia</i>	Alstrup & Hawksworth 1990 Boqueras & Diederich 1993 Hawksworth 1980b Hawksworth 1981		
<i>Keissleriomyces</i>	sandstedeanus (Keissler) D. Hawksw.: on <i>Cladonia furcata</i>	Hawksworth 1981		
<i>Lambinonia</i>	strigulae (Elenkin & Woron.) Sérus. & Diederich: on foliicolous <i>Strigula</i>	Sérusiaux & Diederich 2005		
<i>Lawalreea</i>	lecanorae Diederich: on <i>Lecanora persimilis</i>	Diederich 1990		
<i>Leightonimyces</i>	phillipsii (Berk. & Leight.) D. Hawksw. & B. Sutton: on <i>Steinia geophana</i> and <i>Thrombium epigaeum</i> , possibly algicolous	Hawksworth 1977a Hawksworth 1979a		

<i>Libertiella</i>	<p>curvispora D. Hawksw. & Miadl.: on <i>Peltigera</i></p> <p>didymospora D. Hawksw. & Miadl.: on <i>Peltigera</i></p> <p>fennica Alstrup: on <i>Peltigera</i></p> <p>leprariae Etayo & Diederich: on <i>Lepraria</i></p> <p>malmedyensis Speg. & Roum.: on <i>Peltigera</i></p> <p>obscurior Gerber: on <i>Brodoa intestiniformis</i></p>	<p>Etayo & Diederich 1995</p> <p>Hawksworth 1981</p> <p>Hawksworth & Miadlikowska 1997a</p>		
<i>Lichenobactridium</i>	<p>pertusariae Diederich & Etayo: on <i>Pertusaria pertusa</i></p>	<p>Etayo & Diederich 1995</p>		
<i>Lichenocodium</i>	<p>cargillianum (Linds.) D. Hawksw.: on <i>Letharia, Parmotrema, Platismatia, Ramalina</i> and <i>Usnea</i></p> <p>christiansenii M. S. Cole & D. Hawksw.: on <i>Nodobryoria abbreviata</i></p> <p>echinosporum D. Hawksw.: on <i>Heterodea muelleri</i></p> <p>edgewoodensis Alstrup & M. S. Cole: on <i>Parmelia sulcata</i></p> <p>erodens M. S. Christ. & D. Hawksw.: on various lichens</p> <p>follmannii S. Y. Kondr. & D. J. Galloway: on <i>Lobaria pulmonaria</i></p> <p>laevisporum Kalb & Hafellner: on <i>Haematomma</i></p> <p>lecanorae (Jaap) D. Hawksw.: on various lichens</p> <p>lichenicola (P. Karst.) Petr. & Syd.: on <i>Physcia</i></p> <p>plectocarpoides S. Y. Kondr. & D. J. Galloway: on <i>Pseudocyphellaria</i></p> <p>pyxidatae (Oudem.) Petr. & Syd.: on <i>Cladonia</i></p> <p>reichlingii Diederich: on <i>Ramalina fraxinea</i></p> <p>usneae (Anzi) D. Hawksw.: on various lichens</p> <p>xanthoriae M. S. Christ.: on <i>Xanthoria</i>, also</p>	<p>Alstrup & Cole 1998</p> <p>Christiansen 1956</p> <p>Christiansen 1980</p> <p>Cole & Hawksworth 2004</p> <p>Diederich 1986</p> <p>Hawksworth 1977b</p> <p>Hawksworth 1981</p> <p>Kalb et al. 1995</p> <p>Kondratyuk & Galloway 1995b</p> <p>Kondratyuk et al. 1994</p>	<p>erodens: Culture obtained by Crittenden et al. (1995)</p> <p>lecanorae: Culture obtained by Crittenden et al. (1995)</p>	

	reported from <i>Caloplaca</i> , <i>Cetraria</i> , <i>Cetrelia</i> , <i>Heterodermia</i> , <i>Melanelia</i> , <i>Physcia</i> and <i>Teloschistes</i>			
<i>Lichenodiplis</i>	<p>crespoae Pérez-Ortega & V. Atienza: on <i>Cyphelium notarisii</i></p> <p>dendrographae Diederich & van den Boom: on <i>Dendrographa</i></p> <p>fallaciosa (Hafellner & Kalb) Diederich: on <i>Buellia</i></p> <p>hawksworthii F. Berger & Diederich: on <i>Pertusaria</i></p> <p>lecanorae (Vouaux) Dyko & D. Hawksw.: on <i>Caloplaca</i>, <i>Lecanora</i> and other crustose lichens</p> <p>lecanoricola (M. S. Cole & D. Hawksw.) Diederich: on <i>Lecanora</i></p> <p>lichenicola Dyko & D. Hawksw.: on <i>Rinodina</i></p> <p>opegraphae (D. Hawksw.) Diederich: on <i>Opegrapha</i></p> <p>pertusariicola (Nyl.) Diederich: on <i>Pertusaria</i></p> <p>poeltii S. Y. Kondr. & D. Hawksw.: on <i>Xanthoria parietina</i></p> <p>rinodinicola Kocourk. & K. Knudsen: on <i>Rinodina</i></p>	<p>Berger & Diederich 1996</p> <p>Diederich 2003</p> <p>Cole & Hawksworth 2001</p> <p>Hawksworth 1981</p> <p>Hawksworth & Dyko 1979</p> <p>Kalb 1990</p> <p>Knudsen & Kocourková 2009</p> <p>Kondratyuk 1996a</p>		
<i>Lichenodiplisiella</i>	makarevichiae S. Y. Kondr. & Kudratov: on <i>Teloschistes brevior</i>	Kondratyuk et al. 2002		
<i>Lichenohendersonia</i>	<p>squamarinae Calat. & Etayo: on <i>Squamarina</i></p> <p>uniseptata Etayo & Calatayud: on <i>Parmelina</i></p> <p>varians Calat. & Etayo: on <i>Rhizoplaca</i></p>	Calatayud & Etayo 2001		
<i>Lichenophoma</i>	haematommatis Keissler: on <i>Haematomma</i>	Hawksworth 1981		
<i>Lichenopuccinia</i>	poeltii D. Hawksw. & Hafellner: on <i>Parmelia</i>	Hawksworth 1984		
<i>Lichenostella</i>	hypotrachynae Etayo & Calatayud: on <i>Hypotrachyna</i>	Calatayud & Etayo 1999a		

<i>Lichenosticta</i>	albicorniaria (Lindsay) D. Hawksw.: on <i>Cladonia</i>	Hawksworth 1981		
<i>Microsphaeropsis</i>	lichenicola Etayo: on <i>Pannaria</i>	Etayo & Sancho 2008		
<i>Milospium</i>	<i>desloover</i> Diederich & Sérus.: probably not lichenicolous, but lichenized graphideorum (Nyl.) D. Hawksw.: lichenicolous on lichens with <i>Trentepohlia</i> , sometimes an independant lichen lacoizquetae Etayo & Diederich: on <i>Cladonia parasitica</i> <i>planorbis</i> Aptroot & Sipman: probably not lichenicolous, but lichenized	Aptroot & Sipman 2001 Etayo & Diederich 1996a Hawksworth 1975a Hawksworth 1979a Sérusiaux et al. 1999		
<i>Minutoexcipula</i>	beaglei Etayo: on <i>Lecanora</i> calatayudii V. Atienza: on <i>Hypogymnia mariana</i> V. Atienza: on <i>Pertusaria tephromelae</i> V. Atienza, Etayo & Pérez-Ortega: on <i>Tephromela tuckerae</i> V. Atienza & D. Hawksw.: on corticolous <i>Pertusaria tuerkii</i> Hafellner: on <i>Pertusaria glomerata</i>	Atienza 2002 Atienza & Hawksworth 1994 Atienza et al. 2009 Etayo & Sancho 2008 Hafellner 1994a		
<i>Minutophoma</i>	chrysophthalmae D. Hawksw.: on <i>Chrysothrix chrysophthalmae</i>	Hawksworth 1981		
<i>Mixtoconidium</i>	canariense Etayo: on <i>Ramalina</i>	Etayo 1995a		
<i>Monocillium</i>	[<i>sp.</i> : on <i>Cladonia</i> = anamorph of <i>Niesslia cladoniicola</i>]	Hawksworth 1979		
<i>Monodictys</i>	anaptychiae (Lindau) D. D. Hawksw.: on <i>Anaptychia cellulosa</i> S. Hughes [?= <i>lepraria</i> (Berk.) M. B. Ellis]: on various crustose, corticolous lichens epilepraria Kukwa & Diederich: on <i>Lepraria</i>	Etayo & Diederich 1996b Hawksworth 1975a Hawksworth 1979a	lepraria : UAMH; DUM lepraria : CBS 533.77	
<i>Nigromacula</i>	uniseptata (D. Hawksw.) D. Hawksw.: on <i>Hypotrachyna</i>	Etayo 2002		

<i>Nigropuncta</i>	groenlandica Alstrup: on crustose lichen rugulosa D. Hawksw.: on <i>Bellemerea</i>	Alstrup 1993a Hawksworth 1981 Hawksworth & Poelt 1986		
<i>Patriciomyces</i>	valentinianus D. Hawksw.: on <i>Physcia</i>	Cole & Hawksworth 2001		
<i>Phaeoseptoria</i>	peltigerae Punith. & Spooner: on <i>Peltigera horizontalis</i>	Punithalingam & Spooner 1997		
<i>Phaeosporobolus</i>	alpinus R. Sant., Alstrup & D. Hawksw.: on <i>Ochrolechia</i> and other lichens fellhanerae R. C. Harris & Lendemer: on <i>Fellhanera</i> minutus Etayo: on <i>Coccotrema</i> and <i>Pertusaria</i> usneae D. Hawksw. & Hafellner: mainly on corticolous, fruticose lichens	Alstrup & Hawksworth 1990 Etayo & Sancho 2008 Harris & Lendemer 2009 Hawksworth & Hafellner 1986		
<i>Phoma</i>	aggregata Calat. & Etayo: on <i>Diploschistes ocellatus</i> caloplaca D. Hawksw.: on <i>Caloplaca cerina</i> cladoniicola Diederich, Kocourk. & Etayo: on <i>Cladonia</i> cytospora (Vouaux) D. Hawksw.: on various lichens denigricans Hafellner: on <i>Lecanora epibryon</i> dubia (Linds.) Sacc. & A. Trotter: on <i>Usnea</i> epiphyscia Vouaux: on <i>Phaeophyscia</i> everniae D. Hawksw.: on <i>Evernia prunastri</i> ficuzzae Brackel: on <i>Ramalina fraxinea</i> foliaceiphila Diederich, Kocourk. & Etayo: on <i>Cladonia</i> fuliginosa M. S. Cole & D. Hawksw.: on <i>Caloplaca trachyphylla</i> grumantiana Zhurb. & Diederich: on <i>Cladonia</i> lecanorina Diederich: on <i>Lecanora expallens</i>	Alstrup 1997 Brackel 2008 Calatayud & Etayo 2001 Diederich 1986 Diederich et al. 2007 Etayo & Diederich 1995 Etayo & Sancho 2008 Hafellner 1994a Hafellner & Wieser 2000 Hawksworth 1980b Hawksworth 1981 Hawksworth 1994 Hawksworth & Cole 2004 Ihlen 1998 Martínez & Hafellner 1998		

	<p>lobariae Diederich & Etayo: on <i>Lobaria pulmonaria</i></p> <p>lobariicola Alstrup: on <i>Lobaria scrobiculata</i></p> <p>maculiformans Ihlen: on <i>Dibaeis baeomyces</i></p> <p>peltigerae (P. Karst.) D. Hawksw.: on <i>Peltigera</i></p> <p>physciicola Keissl.: on <i>Physcia</i> and <i>Physconia</i></p> <p>rozziana Etayo: on <i>Pseudocyphellaria</i></p>			
<i>Phyllosticta</i> s.l.	galligena F. Moreau: on <i>Parmotrema</i>	Moreau 1951		
<i>Psamma</i>	<p>inflata Earl.-Benn. & D. Hawksw.: on <i>Lepraria</i> and corticolous algae</p> <p>simplex Earl.-Benn. & D. Hawksw.: on various corticolous lichens and algae</p> <p>stipitata D. Hawksw.: on various corticolous lichens and algae</p>	Earland-Bennett & Hawksworth 1999a Hawksworth 1979a		
<i>Pseudocercospora</i>	lichenum (Keissl.) D. Hawksw.: on <i>Haematomma cisonicum</i>	Etayo 2002 Hawksworth 1979a		
<i>Pseudorobillarda</i>	peltigerae Diederich: on <i>Peltigera</i>	van den Boom et al. 1998		
<i>Pseudoseptoria</i>	usneae (Vouaux) D. Hawksw.: on <i>Usnea</i>	Hawksworth 1981		
<i>Pseudospiropes</i>	longipilus (Corda) Hol.-Jech.: facultative lichenicolous on <i>Lepraria</i>	Braun et al. 2008		
<i>Pycnopsamma</i>	lobariae Diederich & Etayo: on <i>Lobaria pulmonaria</i>	Etayo & Diederich 1995		
<i>Pyrenochaeta</i>	<p>collematis Vouaux: on <i>Collema tenax</i></p> <p>xanthoriae Diederich: on <i>Xanthoria</i></p>	Clauzade et al. 1989 Diederich 1990 Hafellner 1982a		
<i>Refractohilum</i>	<p>achromaticum (B. Sutton) D. Hawksw.: on <i>Pachyphiale</i></p> <p>galligenum D. Hawksw.: on <i>Nephroma laevigatum</i></p> <p>intermedium Cl. Roux & Etayo: on <i>Pachyphiale</i></p> <p>peltigerae (Keissl.) D. Hawksw.: on <i>Peltigera</i></p> <p>pluriseptatum Etayo & Cl. Roux: on</p>	Etayo & Sancho 2008 Hawksworth 1977a Hawksworth 1979a Roux et al. 1997		

	<i>Pachyphiale</i> , possibly also on <i>Nephroma antarcticum</i>			
<i>Rhabdospora</i>	haematommatum Kalb & Hafellner: on <i>Haematomma</i>	Kalb et al. 1995		
<i>Sclerococcum</i>	acarosporae S. Y. Kondr.: on <i>Acarospora areolatum</i> Etayo: probably on <i>Xylographa epiphytorum</i> Diederich: on <i>Pertusaria hemisphaerica</i> gelidarium Etayo & F. Berger: on <i>Placopsis griseosporodochium</i> Etayo: probably non lichenicolous, but lichenized hawksworthii Etayo & Diederich: on <i>Megalospora tuberculosa</i> leuckertii Diederich & P. Scholz: on <i>Buellia aethalea</i> montagnei Hafellner: on <i>Lecanora rupicola</i> normandinae Diederich & Etayo: on <i>Normandina pulchella</i> parmeliae Etayo & Diederich: on <i>Parmelia</i> s. lat., also on <i>Lobaria</i> and <i>Pannaria</i> serusiauxii Boqueras & Diederich: on <i>Parmelina</i> simplex D. Hawksw.: on corticolous <i>Pertusaria</i> sphaerale (Ach.) Fr.: on <i>Pertusaria</i> [mainly <i>P. corallina</i>] tephromelarum Etayo & Calat.: on <i>Tephromela</i> verrucisporum Alstrup: on <i>Aspicilia</i>	Alstrup 1993a Berger 2000 Boqueras & Diederich 1993 Diederich 1990 Diederich & Scholz 1995 Etayo 1995b Etayo & Calatayud 1998 Etayo & Diederich 1995 Etayo & Diederich 1996a Etayo & Sancho 2008 Hafellner 1996b Hawksworth 1975a Hawksworth 1979a Kondratyuk & Zelenko 2002	sphaerale : UAMH 4571; IMI 247000 sphaerale : Culture obtained by Hawksworth and Jones (1981)	
<i>Sessiliospora</i>	bicolora D. Hawksw.: foliicolous lichens	Hawksworth 1979a		
<i>Sphaeromma</i>	[<i>furcatiseta</i> Matzer: on Porina = anamorph of <i>Keratosphaera furcatiseta</i>] [<i>mazosiae</i> H. B. P. Upadhyay: on <i>Mazosia</i> = anamorph of <i>Keratosphaera batistae</i>]	Matzer 1996		

	[<i>porinae</i> Matzer: on <i>Porina</i> = anamorph of <i>Keratospaera porinae</i>]			
<i>Spilodochium</i>	parmotrematis Diederich & Etayo: on <i>Parmotrema</i>	Etayo & Diederich 1995		
<i>Sporhaplus</i>	[<i>rondondiensis</i> H. B. P. Upadhyay: on <i>Mazosia</i> = anamorph of <i>Keratospaera batistae</i>]			
<i>Stromatopogon</i>	baldwinii Zahlbr.: on <i>Usnea</i> cladoniae Diederich & Sérus.: on <i>Cladonia</i> geminatum : on <i>Usnea</i>	Diederich 1992a Diederich & Sérusiaux 2003 Etayo & Breuss 2004		
<i>Stygiomyces</i>	galliformis Coppins & S. Y. Kondr.: on <i>Pseudocyphellaria</i>	Coppins & Kondratyuk 1995		
<i>Subhysteropycnis</i>	[<i>maculiformans</i> Wedin & Hafellner: on <i>Pseudocyphellaria</i> = anamorph of <i>Arthonia badia</i>]	Wedin & Hafellner 1998		
<i>Taeniolella</i>	beschiana Diederich: on <i>Cladonia breviscula</i> (Berk. & M. A. Curtis) S. Hughes: facultative lichenicolous caespitosa M. S. Cole & D. Hawksw.: on <i>Pertusaria</i> christiansenii Aslstrup & D. Hawksw.: on <i>Stereocaulon</i> chrysothricis Diederich: on <i>Chrysothrix candelaris</i> cladinicola Alstrup: on <i>Cladonia</i> subgen. <i>Cladina</i> delicata M. S. Christ. & D. Hawksw.: on various lichens diederichiana Etayo & Calat.: on <i>Placopsis friesii</i> (Hepp) Hafellner: on <i>Strigula stigmatella</i> ionaspisicola Alstrup & E. S. Hansen: on <i>Ionaspis odora</i> pertusariicola D. Hawksw. & H. Mayrh.: on	Alstrup 1993b Alstrup & Hansen 2001 Alstrup & Hawksworth 1990 Cole & Hawksworth 2001 Diederich 1990 Diederich 1992b Diederich & Zhurbenko 1997 Diederich & Zhurbenko 2001 Etayo & Calatayud 2005 Etayo & Sancho 2008 Hafellner 1998b Hawksworth 1979a Zhurbenko & Alstrup 2004		

	<p><i>Pertusaria</i> and possibly other lichens</p> <p>phaeophysciae D. Hawksw.: on <i>Phaeophyscia orbicularis</i>, possibly also on <i>Physcia</i> and <i>Physconia</i></p> <p>pseudocyphellariae Etayo: on <i>Pseudocyphellaria</i></p> <p>punctata M. S. Christ. & D. Hawksw.: on <i>Graphis scripta</i></p> <p>rolfii Diederich & Zhurb.: on <i>Cetraria</i> and <i>Cetrariella</i></p> <p>serusiauxii Diederich: on <i>Schismatomma decolorans</i> and sterile crustose lichens with <i>Trentepohlia</i></p> <p>strictae Alstrup: on <i>Cladonia stricta</i></p> <p>trapeliopseos Diederich: on <i>Trapeliopsis</i></p> <p>verrucosa M. S. Christ. & D. Hawksw.: on <i>Arthonia pruinata</i></p>			
<i>Taeniolina</i>	<i>scripta</i> (P. Karst) P. M. Kirk: facultative lichenicolous on corticolous lichens	Diederich 1989 Hawksworth 1979a	scripta : CBS 114441	
<i>Talpapellis</i>	peltigerae Alstrup & M. S. Cole: on <i>Peltigera venosa</i>	Alstrup & Cole 1998		
<i>Teratosperma</i>	anacardii Hansf.: on foliicolous lichens lichenicola D. Hawksw.: on foliicolous lichens	Hawksworth 1979a		
<i>Trichoconis</i>	lichenicola D. Hawksw.: on <i>Peltigera collina</i>	Hawksworth 1980b		
<i>Trichothecium</i>	<i>roseum</i> (Pers. ex Fr.) Link ex Fr.: facultative lichenicolous	Hawksworth 1979a		
<i>Vagnia</i>	cirriformis D. Hawksw. & Miadl.: on <i>Peltigera</i>	Hawksworth & Miadlikowska 1997b		
<i>Verrucaster</i>	lichenicola Tobler: on <i>Cladonia</i>	Hawksworth 1981		
<i>Verrucocladosporium</i>	dirinae K. Schub., Aptroot & Crous: on <i>Dirina massiliensis</i> rocellae U. Braun, Diederich & Heuchert: on <i>Rocella</i>	Braun et al. 2009 Crous et al. 2007	dirinae : CBS 112794	
<i>Vouauxiella</i>	caloplacae Alstrup: on <i>Caloplaca</i>	Alstrup 1993a	lichenicola : Culture obtained	

	lichenicola (Lindsay) Petrak & H. Sydow: on <i>Lecanora</i> pithospora (Cavalc. & Silva) B. Sutton: on foliicolous lichens verrucosa (Vouaux) Petrak & H. Sydow: on <i>Lecanora</i>	Hawksworth 1981	by Crittenden et al. (1995)	
<i>Vouauxiomyces</i>	brattii S. Y. Kondr.: on <i>Pseudocyphellaria</i> [<i>granulatae</i> Wedin: on <i>Pseudocyphellaria</i> = anamorph of <i>Abrothallus granulatae</i>] [<i>ramalinae</i> (Nordin) D. Hawksw.: on <i>Ramalina</i> = anamorph of <i>Abrothallus suecicus</i>] santessonii D. Hawksw.: on <i>Platismatia glauca</i> [possibly the anamorph of <i>Abrothallus cetrariae</i> or <i>A. parmeliarum</i>] [<i>truncatus</i> (B. de Lesd.) Dyko & D. Hawksw.: on <i>Flavoparmelia caperata</i> = anamorph of <i>Abrothallus microspermus</i>]	Hawksworth 1981 Kondratyuk 1996b Wedin 1994		
<i>Xanthoriicola</i>	physciae (Kalchbr.) D. Hawksw.: on <i>Xanthoria</i>	Hawksworth 1979a Hawksworth & Punithalingam 1973		
<i>Zevadia</i>	peroccidentalis J. C. David & D. Hawksw.: on <i>Usnea</i>	David & Hawksworth 1995		
Basidiomycota				
Agaricomycotina				
Agaricales				
Hygrophoraceae				
<i>Arrhenia</i>	peltigerina (Peck) Redhead, Lutzoni, Moncalvo & Vilgalys: on <i>Peltigera</i>	Collin & Lauron 1994 Garnier-Delcourt 2008 Orton 1977 Redhead et al. 2002 Santesson 1993a		
Tricholomataceae				
<i>Fayodia</i>	arctica G. Gulden: on <i>Peltigera</i>	Alstrup & Hawksworth 1990 Moreau 2005		

	striatula (Kühner) Singer: on <i>Cladonia</i> and <i>Peltigera</i> xerophila Lüthi & Röllin: on <i>Peltigera</i>			
Atheliales				
Atheliaceae				
<i>Athelia</i>	arachnoidea (Berk.) Jülich: on various lichens <i>salicum</i> Pers.: facultative lichenicolous xxxxxx	Arvidsson 1976 Arvidsson 1978 Jülich 1972 Lawrey et al. 2007 Parmasto 1998	arachnoidea : ATCC 204277 arachnoidea : ATCC MYA-3672 (JL267-04) arachnoidea : CGMCC; CBS; FCUG arachnoidea : Culture obtained by Crittenden et al. (1995)	arachnoidea (strain 815): nrLSU: AF518601 ; nSSU: AF518572 ; mtSSU: AF518669 ; mtLSU: AF518702 arachnoidea (ATCC MYA-3672): nrSSU: DQ915454 arachnoidea (GEL 2529-1): nrLSU: AJ406484 arachnoidea (CCFC 210): mtSSU: AAU85804 arachnoidea (CBS 418.72): nr5.8S: U85792 arachnoidea (CCFC 212; 211; 210): nr5.8S: U85791
Boletales				
Coniophoraceae				
<i>Leucogyrophana</i>	lichenicola Thorn, Malloch & Ginns: on <i>Cladonia</i> and <i>Stereocaulon</i>	Lawrey et al. 2007 Thorn et al. 1998	lichenicola : Cultures obtained by Thorn et al. (1998) lichenicola : CCFC (DAOM) 194172 lichenicola : CCFC (DAOM) 212444	lichenicola (DAOM 212444): nrLSU: DQ915468
Corticiales				
Corticiaceae				
<i>Marchandiobasidium</i>	aurantiacum Diederich & Schultheis: on <i>Physcia</i> and rarely other lichens	Diederich 1990 Diederich et al. 2003 Diederich & Lawrey 2007 Lawrey et al. 2008	aurantiacum : ATCC MYA-2502 aurantiacum : CBS 718.97	aurantiacum (ATCC MYA-2502): nrSSU: DQ915460 ; nrLSU: AY583330 ; nrITS: AY583324 aurantiacum (CBS 718.97):

				nrLSU: AY583330 ; nrSSU: AF289661
<i>Marchandiomyces</i>	<p>buckii Diederich & Lawrey: on various lichens</p> <p>corallinus (Roberge) Diederich & D. Hawksw.: on various lichens</p>	<p>Diederich & Lawrey 2007</p> <p>Etayo & Diederich 1996a</p> <p>Hawksworth 1979a</p> <p>Lawrey et al. 2007</p> <p>Sikaroodi et al. 2001</p>	<p>buckii: ATCC MYA-2992 TYPE CULTURE</p> <p>corallinus: CBS 110635</p> <p>corallinus: ATCC 200796</p> <p>corallinus: ATCC 200797</p> <p>corallinus: (JL128-98, M.S. Cole 7500, culture lost)</p> <p>corallinus: ATCC MYA-1118</p> <p>corallinus: ATCC MYA-1119</p> <p>corallinus: ATCC MYA-1120</p> <p>corallinus: ATCC MYA-1121</p> <p>corallinus: ATCC MYA-1377</p> <p>corallinus: ATCC MYA-1378</p> <p>corallinus: ATCC MYA-1379</p> <p>corallinus: ATCC MYA-1380</p> <p>corallinus: ATCC MYA-2346</p> <p>corallinus: ATCC MYA-2498</p> <p>corallinus: ATCC MYA-2499</p> <p>corallinus: ATCC MYA-2500</p> <p>corallinus: ATCC MYA-2501</p> <p>corallinus: ATCC MYA-2827</p> <p>corallinus: ATCC MYA-2828</p> <p>corallinus: ATCC MYA-2829</p> <p>corallinus: ATCC MYA-2830</p> <p>corallinus: ATCC MYA-3182</p> <p>corallinus: ATCC MYA-3183</p> <p>corallinus: ATCC MYA-3184</p> <p>corallinus: ATCC MYA-3673</p> <p>corallinus: ATCC MYA-4211</p>	<p>buckii (ATCC MYA-2992): nrLSU: DQ915472; nrSSU: DQ915462</p> <p>corallinus (ATCC 200796): nrSSU: AF289660; nrITS: AY583325</p> <p>corallinus (JL128-98): nrLSU: AY583331; nrITS: AY583326</p> <p>corallinus (ATCC MYA-1118): nrITS: AY583326</p> <p>corallinus (ATCC MYA-2346): nrSSU: DQ915457</p> <p>corallinus (ATCC MYA_2500): nrSSU: DQ915459</p> <p>corallinus (ATCC MYA-3182): nrSSU: DQ915464</p>

Cantharellales				
<i>Burgella</i>	flavoparmeliae Diederich & Lawrey: on <i>Flavoparmelia baltimorensis</i>	Lawrey et al. 2007 Diederich & Lawrey 2007	flavoparmeliae : ATCC MYA-2157 TYPE CULTURE	flavoparmeliae (ATCC MYA-2157): nrLSU: DQ915469 ; nrSSU: DQ915455
<i>Burgoa</i>	angulosa Diederich, Lawrey & Etayo: on various lichens	Lawrey et al. 2007 Diederich & Lawrey 2007	Burgoa-like sp. (Diederich & Lawrey, 2007); ATCC 208870 angulosa : ATCC MYA-1121 TYPE CULTURE	B. sp. (ATCC 208870): nrSSU: AF289662 angulosa (ATCC MYA-1121): nrLSU: AY756069 ; nrSSU: AY756076 ; mtSSU: AY756072
<i>Minimedusa</i>	pubescens Diederich, Lawrey & Heylen: on various lichens	Lawrey et al. 2007 Diederich & Lawrey 2007	pubescens : ATCC MYA-2993 TYPE CULTURE	pubescens (ATCC MYA-2993): nrLSU: AY756071 ; nrSSU: AY756079 ; mtSSU: AY756074
Tremellales				
Syzygosporaceae				
<i>Syzygospora</i>	bachmannii Diederich & M. S. Christ.: on <i>Cladonia</i> parmeliicola Diederich: on <i>Hypotrachyna</i> physciacearum Diederich: on <i>Heterodermia</i> , <i>Physcia</i> and <i>Physconia</i>	Diederich 1996		
Tremellaceae				
<i>Biatoropsis</i>	usnearum Räsänen: on <i>Protousnea</i> and <i>Usnea</i>	Diederich 1996 Diederich & Christiansen 1994	usnearum : CBS 110636 (sequence information indicates this strain is probably a contaminant); CBS 100997	
<i>Tremella</i>	caloplacae (Zahlbr.) Diederich: on <i>Caloplaca</i> and <i>Xanthoria</i> candelariellae Diederich & Etayo: on <i>Candelariella</i> cephalodiicola Diederich on <i>Psoroma</i> cetrariicola Diederich & Coppins: on <i>Cetraria delisei</i> and <i>Tuckermannopsis</i> christiansenii Diederich: on <i>Physcia</i> cladoniae Diederich & M. S. Christ.: on	Diederich 1996 Diederich 2003 Diederich 2004d Diederich 2007a Diederich 2007b Sérusiaux et al. 2003		

Cladonia

coccocarpiae Diederich: on *Coccocarpia*
coppinsii Diederich & Marson: on *Platismatia*
dendrographae Diederich & Tehler: on
Dendrographa
everniae Diederich: on *Evernia mesomorpha*
graphidastrae Diederich: on *Graphidastra*
haematommatis Diederich: on *Haematomma*
harrisii Diederich: on *Polymeridium* and
Trypethelium
hypocenomycis Diederich: on *Hypocenomyce*
hypogymniae Diederich & M. S. Christ.: on
Hypogymnia
leptogii Diederich: on *Leptogium*
lethariae: on *Letharia vulpina*
lichenicola Diederich: on *Mycoblastus fucatus*
lobariacearum Diederich & M. S. Christ.: on
Lobaria and *Pseudocyphellaria*
macroceratis Diederich & Hafellner: on
Cladonia
microcarpa Diederich: on cf. *Megalospora*
monospora Diederich: on *Leptogium*
montis-wilhelmii Diederich: on *Normandina*
simodense
nashii Diederich: on *Usnea*
nephromatis Diederich: on *Nephroma*
normandinae Diederich: on *Normandina*
pulchella
nieblae Diederich: on *Niebla*
papuana Diederich: on *Hypogymnia*
parmeliarum Diederich: on *Parmotrema*
parmeliellae Diederich & Sérusiaux: on
Parmeliella
pertusariae Diederich: on *Pertusaria*

	<p>phaeographidis Diederich, Coppins & Bandoni: on <i>Phaeographis</i></p> <p>phaeographinae Diederich & Aptroot: on <i>Phaeographina</i></p> <p>phaeophysciae Diederich & M. S. Christ.: on <i>Phaeophyscia</i></p> <p>protoparmeliae Diederich & Coppins: on <i>Protoparmelia</i></p> <p>psoroglaenae Diederich: on <i>Psoroglaena</i></p> <p>psoromicola Diederich: on <i>Psoroma</i></p> <p>ramalinae Diederich: on <i>Ramalina</i></p> <p>rinodinae Diederich & M. S. Christ.: on <i>Rinodina</i></p> <p>santessonii Diederich: on <i>Usnea</i></p> <p>stevensiana Diederich: on <i>Usnea</i></p> <p>stictae Diederich: on <i>Dendriscoaulon</i> and <i>Sticta</i></p> <p>sulcariae Diederich & M. S. Christ.: on <i>Sulcaria</i></p> <p>tuckerae Diederich: on <i>Ramalina</i></p> <p>wirthii Diederich: on <i>Protoparmelia</i></p>			
Pucciniomycotina				
Agaricostilbales				
Chionosphaeraceae				
<i>Chionosphaera</i>	<p>cf. apobasidialis Cox: on various lichens</p> <p>coppinsii P. Roberts: on various lichens</p> <p>lichenicola Alstrup, Sutton & Tønsberg: on various lichens</p>	<p>Kirschner et al. 2001</p> <p>Roberts 1997</p> <p>Diederich 1996</p>		
Platyglloeales				
Platyglloeaceae				
<i>Cystobasidium</i>	<p>hypogymniicola Diederich & Ahti: on <i>Hypogymnia</i></p> <p>usneicola Diederich & Alstrup: on <i>Usnea</i></p>	<p>Diederich 1996</p> <p>Diederich & Christiansen 1994</p>		

