

CHECKLIST OF YORKSHIRE LICHENS, LICHENICOLOUS FUNGI AND ALLIED FUNGI

Revised October 2014

M.R.D. SEAWARD

*Department of Archaeological, Geographical & Environmental Sciences,
University of Bradford, Bradford BD7 1DP*

This checklist, which updates that of Seaward (2008), enumerates **944** taxa, **863** of which are consistently or facultatively lichenized fungi (**835** species, **5** subspecies, **18** varieties and **5** forms) and **81** are lichenicolous and non-lichenized fungi. Of the **944** taxa recorded over the past 300 years, **108** are based on old records, the great majority presumed extinct; of the **756** extant lichen taxa, **325** have been discovered since 1956.

The checklist, based mainly on the nomenclature of Smith *et al.* (2009) and Hawksworth (2003), identifies those taxa which are still extant in the county (**bolder type**) or have disappeared from it (lighter type), many of which are presumed extinct. The numbers after each entry refer to the number of 10 km x 10 km grid squares (maximum 195) in which the taxon occurs, followed by the number from which it has disappeared (given in parentheses); thus *Ramalina farinacea*, for example, occurs in 118 squares, has disappeared from 6, and has never been recorded from 71. The level of extinction, of considerable importance to conservation studies, can therefore be determined from these figures, but for many species our knowledge is imperfect; therefore, in a few cases, as indicated by a single or double asterisk, figures have been highlighted to exemplify under- (*) and over- (**) recording through taxonomic misapplication in the past or recent taxonomic segregation demanding reinterpretation of records for which limited herbarium material exists. Species indicated as [LF] and [F] refer respectively to lichenicolous fungi and non-lichenized fungi which are traditionally studied by lichenologists but usually overlooked by mycologists, but due to insufficient distributional data, no calculations relating to their presence/absence in 10 km x 10 km grid squares have been attempted.

Abrothallus parmeliarum (Sommerf.) Arnold [LF]

A. suecicus (Kirschst.) Nordin [LF]

Acarospora cervina A.Massal. 3(0)

A. fuscata (Schrad.) Th.Fr. 185(0)

A. glaucocarpa (Ach.) Körb. 19(2)

A. impressula Th.Fr. 0(1)

A. macrospora (Hepp) A.Massal. ex Bagl. 2(4)

A. rufescens (Ach.) Kremp. 19(2)

A. sinopica (Wahlenb.) Körb. 0(2)

A. smaragdula (Wahlenb.) A.Massal. 52(10)

A. umbilicata Bagl. 21(0)

A. veronensis A.Massal. 4(3)

Acrocordia conoidea (Fr.) Körb. 26(7)

A. gemmata (Ach.) A.Massal. 6(6)

A. salweyi (Leight. ex Nyl.) A.L.Sm. 18(1)

Adelococcus alpestris (Zopf) Theiss. & Syd. [LF]

Agonimia allobata (Stizenb.) P.James 2(0)

A. gelatinosa (Ach.) M.Brand & Diederich 4(0)

A. globulifera Brand & Diederich 1(0)

A. tristicula (Nyl.) Zahlbr. 53(0)
Agyrium rufum (Pers.) Fr. [F]
 Ainoa mooreana (Carroll) Lumbsch & I.Schmitt 0(1)
Alectoria nigricans (Ach.) Nyl. 1(1)
Amandinea lecideina (H.Mayrhofer & Poelt) Scheid. & H.Mayrhofer 1(0)
A. punctata (Hoffm.) Coppins & Scheid. 139(3)
Amygdalaria pelobotryon (Wahlenb.) Norman 2(1)
Anaptychia ciliaris Körb. ex A.Massal. ssp. ciliaris 10(44)
A. runcinata (With.) J.R.Laundon 2(0)
Anisomeridium biforme (Borrer) R.C.Harris 9(5)
A. polypori (Ellis & Everh.) M.E.Barr 26(0)
A. ranunculospora Coppins & P.James 8(0)
Arctoparmelia incurva (Pers.) Hale 34(1)
Arthonia apotheciorum (A.Massal.) Almq. [LF]
A. arthonioides (Ach.) A.L.Sm. 8(3)
A. cinnabarina (DC.) Wallr. 3(9)
A. didyma Körb. 7(1)
A. elegans auct.brit., non (Ach.) Almq. 3(1)
A. intexta Almq. [LF]
A. lapidicola (Taylor) Branth & Rostr. 8(0)
A. ligniaria Hellb. 2(0)
A. muscigena Th.Fr. 3(0)
A. phaeophysciae Grube & Matzer [LF]
 A. pruinata (Pers.) Steud. ex A.L.Sm. 0(8)
A. punctiformis Ach. [LF]
A. radiata (Pers.) Ach. 49(10)
A. spadicea Leight. 4(0)
A. varians (Davies) Nyl. [LF]
A. vinosa Leight. 11(4)
Arthopyrenia analepta (Ach.) A.Massal. [F]
A. cinereopruinosa (Schaer.) A.Massal. [F]
A. fraxini A.Massal. [F]
 A. nitescens (Salwey) Mudd 0(1)
A. punctiformis A.Massal. [F]
 A. salicis A.Massal. 0(2)
A. saxicola A.Massal. 1(3)
Arthrorhaphis citrinella (Ach.) Poelt 4(0)
A. grisea Th.Fr. [LF]
A. muddii Obermayer [LF]
Aspicilia caesiocinerea (Nyl. ex Malbr.) Arnold 7(1)
A. calcarea (L.) Körb. 120(3)
A. cinerea (L.) Körb. [s.lat.] 13(8)
A. contorta (Hoffm.) Kremp. ssp. contorta 113(1)
 ssp. hoffmanniana S.Ekman & Fröberg 5(0)*
A. grisea Arnold 1(0)
 A. intermutans (Nyl.) Arnold 0(1)
A. laevata (Ach.) Arnold 2(1)
 A. recedens (Taylor) Arnold 0(1)
Athelia arachnoidea (Berk.) Jülich [LF]

Bachmanniomyces uncialicola (Zopf) D.Hawksw. [LF]

Bacidia adastrae Sparrius & Aptroot 8(0)
B. arceutina (Ach.) Arnold 5(3)
B. arnoldiana Körb. 33(0)
B. bagliettoana (A.Massal. & de Not.) Jatta 12(7)
B. beckhausii Körb. 0(1)
B. caligans (Nyl.) A.L.Sm. 10(0)
B. chlorotricula (Nyl.) A.L.Sm. 7(0)
B. circumspecta (Norrl. & Nyl.) Malme 2(0)
B. delicata (Larbal. ex Leight.) Coppins 5(0)
B. egenula (Nyl.) Arnold 3(0)
B. friesiana (Hepp) Körb. 2(0)
B. fuscoviridis (Anzi) Lettau 2(0)
B. incompta (Borrer ex Hook.) Anzi 4(6)
B. inundata (Fr.) Körb. 17(2)
B. laurocerasi (Delise ex Duby) Zahlbr. 0(11)
B. neosquamulosa Aptroot & van Herk 2(0)*
B. phacodes Körb. 0(2)
B. rubella (Hoffm.) A.Massal. 12(14)
B. saxenii Erichsen 8(0)
B. viridifarinosae Coppins & P.James 7(0)
Bactrospora corticola (Fr.) Almq. 1(0)
Baeomyces placophyllus Ach. 5(0)
B. rufus (Huds.) Rebent. 98(9)
Belonia nidarosiensis (Kindt) P.M.Jørg. & Vězda 65(0)
Biatora sphaeroides (Dicks.) Körb. 6(10)
Biatoridium monasteriensis J.Lahm ex Körb. 0(1)
Bilimbia lobulata (Sommerf.) Hafellner & Coppins 11(3)
B. sabuletorum (Schreb.) Arnold 110(3)
Botryolepraria lesdaniae (Hue) Canals et al. 21(0)*
Bryophagus gloeocapsa Nitschke ex Arnold 4(0)
Bryoria bicolor (Ehrh.) Brodo & D.Hawksw. 0(9)
B. capillaris (Ach.) Brodo & D.Hawksw. 0(1)
B. chalybeiformis (L.) Brodo & D.Hawksw. 2(6)
B. fuscescens (Gyeln.) Brodo & D.Hawksw. var. *fuscescens* 38(12)
var. *positiva* (Gyeln.) Brodo & D.Hawksw. 0(1)
B. subcana (Nyl.ex Stizenb.) Brodo & D.Hawksw. 2(2)
Buellia aethalea (Ach.) Th.Fr. 115(0)
B. disciformis (Fr.) Mudd 2(6)
B. erubescens Arnold 1(0)
B. griseovirens (Turner & Borrer ex Sm.) Almb. 20(0)
B. ocellata (Flot.) Körb. 6(4)
B. pulverea Coppins & P.James 7(0)
B. schaereri De Not. 3(1)
B. stellulata (Taylor) Mudd 8(1)**
B. subdisciformis (Leight.) Vainio 1(0)
Bunodophoron melanocarpum (Sw.) Wedin 5(13)

Calicium abietinum Pers. 0(4)
C. adpersum Pers. 0(1)
C. glaucellum Ach. 15(1)
C. salicinum Pers. 0(4)

C. viride Pers. 46(8)
Caloplaca albolutescens (Nyl.) H.Olivier 2(0)*
C. arcis (Poelt & Vězda) Arup 15(0)*
C. aurantia (Pers.) Hellb. 48(8)
C. cerina (Ehrh. ex Hedw.) Th.Fr. 10(6)
 var. *chloroleuca* (Sm.) Th.Fr. 0(2)
C. cerinella (Nyl.) Flagey 4(0)
C. chalybaea (Fr.) Müll.Arg. 10(0)
C. chlorina (Flot.) H.Olivier 99(0)
C. chrysodeta (Vain. ex Räsänen) Dombr. 49(0)
C. cirrochroa (Ach.) Th.Fr. 12(2)
C. citrina (Hoffm.) Th.Fr. [s.lat.] 194(1)
C. crenularia (With.) J.R.Laundon 50(9)
C. crenulatella (Nyl.) H.Olivier 21(1)*
C. dalmatica (Massal.) H.Olivier 9(0)
C. decipiens (Arnold) Blomb. & Forssell 125(2)
C. dichroa Arup 3(0)*
C. ferruginea (Huds.) Th.Fr. 0(3)
C. flavescens (Huds.) J.R.Laundon 154(1)
C. flavocitrina (Nyl.) H.Olivier 47(0)*
C. flavorubescens (Huds.) J.R.Laundon 1(5)
C. flavovirescens (Wulfen) Dalla Torre & Sarnth. 31(6)
C. herbidella (Hue) H.Magn. 1(0)
C. holocarpa (Hoffm.) A.E.Wade [s.lat.] 174(0)
C. lactea (A.Massal.) Zahlbr. 22(1)
C. luteoalba (Turner) Th.Fr. 1(17)
C. marina (Wedd.) Zahlbr. ex Du Rietz 4(0)
C. oasis (A.Massal.) Szat. 6(0)*
C. obscurella (Lahm ex Körb.) Th.Fr. 10(0)
C. ochracea (Schaer.) Flagey 2(3)
C. phlogina (Ach.) Flagey 3(0)*
C. pollinii (A.Massal.) Jatta 0(1)
C. polycarpa (A.Massal.) Zahlbr. 1(0)
C. saxicola (Hoffm.) Nordin 131(5)
C. teicholyta (Ach.) J.Steiner 69(0)
C. thallincola (Wedd.) Du Rietz 1(0)
C. ulcerosa Coppins & P.James 2(0)
C. variabilis (Pers.) Müll.Arg. 16(0)
C. verruculifera (Vain.) Zahlbr. 1(0)
C. xantholyta (Nyl.) Jatta 17(3)
Calvitimela aglaea (Sommerf.) Hafellner 2(1)
Candelaria concolor (Dicks.) Stein 4(8)*
Candelariella aurella (Hoffm.) Zahlbr. f. *aurella* 184(1)
 f. *smaragdula* Szatala 3(0)
C. coralliza (Nyl.) H.Magn. 7(0)
C. medians (Nyl.) A.L.Sm. f. *medians* 104(0)
 f. *steepholmensis* O.L.Gilbert 1(0)
C. reflexa (Nyl.) Lettau 54(0)
C. vitellina (Hoffm.) Müll.Arg. f. *vitellina* 192(1)
 f. *flavovirella* (Nyl.) A.Henderson 10(0)
C. xanthostigma (Ach.) Lettau 19(0)

Carbonea supersparsa (Nyl.) Hertel [LF]
C. vitellinaria (Nyl.) Hertel [LF]
C. vorticosa (Flörke) Hertel 1(1)
Catapyrenium cinereum (Pers.) Körb. 0(2)
C. lachneum (Ach.) R.Sant. 18(7)
C. pilosellum Breuss 1(1)
C. rufescens (Ach.) Breuss 2(1)*
C. squamulosum (Ach.) Breuss 6(0)
Catillaria atomarioides (Müll.Arg.) H.Kilias 1(0)*
C. chalybeia (Borrer) A.Massal. 121(2)
C. contristans (Nyl.) Zahlbr. 1(0)
C. lenticularis (Ach.) Th.Fr. 110(3)
C. scotinodes (Nyl.) Coppins 1(0)
Celothelium ischnobelum (Nyl.) M.B.Aguirre 2(0)
Cercidiospora epipolytropa (Mudd) Arnold [LF]
Cetraria aculeata (Schreb.) Fr. 52(22)
C. ericetorum Opiz 0(5)
C. islandica (L.) Ach. 12(24)
C. muricata (Ach.) Eckfeldt 34(8)
C. sepincola (Ehrh.) Ach. 1(2)
Chaenotheca brachypoda (Ach.) Tibell 2(2)
C. brunneola (Ach.) Müll.Arg. 4(3)
C. chrysocephala (Turner ex Sm.) Th.Fr. 2(3)
C. ferruginea (Turner ex Sm.) Mig. 63(1)
C. furfuracea (L.) Tibell 12(1)
C. gracilentata (Ach.) Mattsson & Middelb. 2(0)
C. hispidula (Ach.) Zahlbr. 2(3)
C. phaeocephala (Turner) Th.Fr. 0(2)
C. stemonea (Ach.) Müll.Arg. 0(4)
C. trichialis (Ach.) Th.Fr. 5(1)
Chaenothecopsis debilis (Sm.) Tibell [F]
Chrysothrix candelaris (L.) J.R.Laundon 33(4)
Cladonia arbuscula ssp. squarrosa (Wallr.) Ruoss 19(17)
C. bellidiflora (Ach.) Schaer. 5(5)
C. borealis S.Stenroos 0(1)*
C. caespiticia (Pers.) Flörke 8(2)
C. callosa Delise ex Harm. 4(0)
C. cariosa (Ach.) Spreng. 2(3)
C. cervicornis (Ach.) Flot. ssp. *cervicornis* 27(13)
 ssp. *verticillata* (Hoffm.) Ahti 10(3)
C. chlorophaea (Flörke ex Sommerf.) Spreng. 135(1)
C. ciliata Stirt. 3(1)
 var. *tenuis* (Flörke) Ahti 14(3)
C. coccifera (L.) Willd. [s.lat.] 88(11)**
C. coniocraea (Flörke) Spreng. 152(0)
C. convoluta (Lam.) Anders 0(1)
C. cornuta (L.) Hoffm. 3(2)
C. crispata var. *cetrariiformis* (Delise ex Duby) Vain. 19(4)
C. cyathomorpha Stirt. ex Walt.Watson 4(0)
C. digitata (L.) Hoffm. 36(11)
C. diversa Asperges 26(0)*

C. fimbriata (L.) Fr. 157(3)
C. firma (Nyl.) Nyl. 1(0)
C. floerkeana (Fr.) Flörke 77(4)
C. foliacea (Huds.) Willd. 3(9)
C. furcata (Huds.) Schrad. ssp. furcata 76(9)
 ssp. subrangiformis Sandst. 8(0)
C. glauca Flörke 8(1)
C. gracilis (L.) Willd. 16(17)**
C. humilis (With.) J.R.Laundon 46(5)
C. incrassata Flörke 1(0)
C. luteoalba Wheldon & A.Wilson 29(0)
C. macilenta Hoffm. 119(8)
C. ochrochlora Flörke 19(7)
C. parasitica (Hoffm.) Hoffm. 11(2)
C. pleurota (Flörke) Schaer. 2(1)*
C. pocillum (Ach.) Grognot 64(4)
C. polydactyla (Flörke) Spreng. var. polydactyla 87(6)
 var. umbricola (Tønsberg & Ahti) Coppins 1(0)
C. portentosa (Dufour) Coem. 61(6)
C. pyxidata (L.) Hoffm. 67(5)
C. ramulosa (With.) J.R.Laundon 34(2)
C. rangiformis Hoffm. 40(5)
C. rei Schaer. 1(0)
C. scabriuscula (Delise) Nyl. 6(2)
C. squamosa (Scop.) Hoffm. var. squamosa [s.lat.] 80(10)
 var. subsquamosa (Nyl. ex Leight.) Vain. 13(7)
C. strepsilis (Ach.) Grognot 2(2)
C. subcervicornis (Vain.) Kernst. 34(0)
C. subulata (L.) F.H.Wigg. 55(10)
C. sulphurina (Michx.) Fr. 4(2)
C. uncialis ssp. biuncialis (Hoffm.) M.Choisy 38(23)
C. zopfii Vain. 0(4)
Clauzadea immersa (Hoffm.) Hafellner & Bellem. 22(11)
C. metzleri (Körb.) Clauzade & Roux ex D.Hawksw. 7(1)
C. monticola (Ach.) Hafellner & Bellem. 64(6)
 Cliostomum corrugatum (Ach.) Fr. 0(7)
C. griffithii (Sm.) Coppins 91(0)
Collema auriforme (With.) Coppins & J.R.Laundon 62(0)
C. bachmanianum (Fink) Degel. 1(2)
C. callopismum A. Massal. 1(0)
C. crispum (Huds.) F.H.Wigg. 97(6)
C. cristatum (L.) F.H.Wigg. var. cristatum 22(13)
 var. marginale (Huds.) Degel. 0(4)*
C. fasciculare (L.) F.H.Wigg. 0(1)
C. flaccidum (Ach.) Ach. 10(6)
C. fragile Taylor 1(0)
C. fragrans (Sm.) Ach. 0(4)
C. furfuraceum (Arnold) Du Rietz 1(2)
C. fuscovirens (With.) J.R.Laundon 27(7)
C. limosum (Ach.) Ach. 5(6)
C. multipartitum Sm. 9(5)

C. nigrescens (Huds.) DC. 0(5)
***C. parvum* Degel. 2(0)**
***C. polycarpon* Hoffm. 4(8)**
***C. subflaccidum* Degel. 3(3)**
***C. tenax* (Sw.) Ach. var. *tenax* 70(16)**
 var. *ceranoides* (Borrer) Degel. 41(5)
 var. *vulgare* (Schreb.) Degel. 5(2)
***C. undulatum* Laurer ex Flot. 3(5)**
***Collemopsidium foveolatum* (A.L.Sm.) F.Mohr 10(0)**
C. sublitorale (Leight.) Grube & B.D.Ryan 0(2)
Cornicularia normoerica (Gunn.) Du Rietz 0(5)
Cresponea premnea (Ach.) Egea & Torrente 0(7)
***Cyphelium inquinans* (Sm.) Trevis. 4(6)**
C. notarisii (Tul.) Blomb. & Forssell 0(1)
C. sessile (Pers.) Trevis. [LF]
***Cyrtidula hippocastani* (DC.) R.C.Harris [F]**
***C. quercus* (A.Massal.) Minks. [F]**
***Cystocoleus ebeneus* (Dillwyn) Thwaites 13(8)**

***Dacampia hookeri* (Borrer) A.Massal. [LF]**
***D. rufescentis* (Vouaux) D.Hawksw. [LF]**
***Dactylospora athallina* (Mull.Arg.) Hafellner [LF]**
***D. parasitica* (Flörke ex Spreng.) Zopf [LF]**
Degelia plumbea (Lightf.) P.M.Jørg.& P.James 0(3)
Dermatocarpon intestiniforme (Körb.) Hasse 0(1)*
***D. luridum* (With.) J.R.Laundon 7(5)**
***D. miniatum* (L.) W.Mann 31(8)**
***Dibaeis roseus* (L.f.) Rambold & Hertel 15(9)**
***Didymellopsis pulposi* (Zopf) Grube & Hafellner [LF]**
***Dimerella pineti* (Ach.) Vězda 49(1)**
***Diploicia canescens* (Dicks.) A.Massal. 117(9)**
Diploschistes gypsaceus (Ach.) Zahlbr. 0(2)
***D. muscorum* (Scop.) R.Sant. 18(1)**
***D. scruposus* (Schreb.) Norman 43(11)**
***Diplotomma alboatrum* (Hoffm.) Flot. 114(3)**
D. pharcidium (Ach.) M.Choisy 0(1)
***D. venustum* Körb. 6(8)**
***Dirina massiliensis* f. *sorediata* (Müll.Arg.) Tehler 51(0)**

***Eiglera flavida* (Hepp) Hafellner 5(2)**
***Endocarpon pusillum* Hedw. 1(0)**
***Endococcus propinquus* (Korb.) D.Hawksw. [LF]**
***E. regulosus* Nyl. [LF]**
***Enterographa crassa* (DC.) Fée 15(8)**
***E. hutchinsiae* (Leight.) A.Massal. 2(2)**
***E. zonata* (Körb.) Källsten ex Torrente & Egea 11(1)**
Ephebe lanata (L.) Vain. 0(1)
***Epigloea soleiformis* Döbbeler 1(0)**
***Epilichen scabrosus* (Ach.) Clem. [LF]**
***Evernia prunastri* (L.) Ach. 135(5)**

Farnoldia jurana (Schaer.) Hertel 12(1)
Fellhanera bouteillei (Desm.) Vězda 1(0)
F. ochracea Sparrins & Aptroot 2(0)
F. subtilis (Vězda) Diederich & Sérus. 1(0)
Fellhaneropsis vezdae (Coppins & P.James) Sérus. & Coppins 19(0)
Flavoparmelia caperata (L.) Hale 39(26)
F. soredians (Nyl.) Hale 5(0)
Fuscidea cyathoides (Ach.) V.Wirth & Vězda var. *cyathoides* 54(3)
var. *sorediata* (H.Magn.) Poelt 1(0)
F. gothoburgensis (H.Magn.) V.Wirth & Vězda 1(0)
F. kochiana (Hepp) V.Wirth & Vězda 9(5)
F. lightfootii (Sm.) Coppins & P.James 12(2)*
F. lygaea (Ach.) V.Wirth & Vězda 5(5)
F. praeruptorum (Du Rietz & H.Magn.) V.Wirth & Vězda 21(0)
F. recensa (Stirt.) Hertel, V.Wirth & Vězda 3(0)

Gelatinopsis ericetorum (Körb.) Rambold & Triebel [LF]
Graphina anguina auct. 4(9)
Graphis elegans (Borrer ex Sm.) Ach. 32(11)
G. scripta (L.) Ach. 38(16)
Gyalecta flotowii Körb. 3(1)
G. foveolaris (Ach.) Schaer. 1(3)
G. geioca (Wahlenb.) Ach. 1(1)
G. jenensis (Batsch) Zahlbr. 37(11)
G. truncigena (Ach.) Hepp 6(2)
G. ulmi (Sw.) Zahlbr. 1(5)
Gyalidea lecideopsis (Massal.) Lettau ex Vězda 1(0)

Haematomma ochroleucum (Neck.) J.R.Laundon var. *ochroleucum* 80(1)
var. *porphyrium* (Pers.) J.R.Laundon 73(0)
Herteliana taylorii (Salwey) P.James 0(2)
Hymenelia epulotica (Ach.) Lutzoni 5(3)
H. heteromorpha (Kremp.) Lutzoni 1(0)
H. prevostii (Duby) Kremp. 12(1)
Hyperphyscia adglutinata (Flörke) H.Mayrhofer & Poelt 7(2)*
Hypocenomyce caradocensis (Leight. ex Nyl.) P.James & Gotth.Schneid. 12(6)
H. friesii (Ach.) P.James & Gotth.Schneid. 0(2)
H. scalaris (Ach.ex Lilj.) M.Choisy 100(3)
Hypogymnia physodes (L.) Nyl. 158(2)
H. tubulosa (Schaer.) Hav. 111(1)
Hypotrachyna afrorevoluta (Krog & Swinscow) Krog & Swinscow 5(0)*
H. laevigata (Sm.) Hale 1(4)
H. revoluta (Flörke) Hale (s.lat.) 31(3)**
H. sinuosa (Sm.) Hale 0(1)

Icmadophila ericetorum (L.) Zahlbr. 2(9)
Illiosporiopsis christiansenii (B.L.Brady & D.Hawksw.) D.Hawksw. [LF]
Illosporium carneum Fr. [LF]
Immersaria anthrocarpa (Ach.) Rambold & Pietschm. 1(0)
Imshaugia aleurites (Ach.) S.L.F.Mey. 3(7)
Ionaspis lacustris (With.) Lutzoni 27(2)

Jamesiella anastomosans (P.James & Vězda) Lücking et al. 12(0)

Lasallia pustulata (L.) Mérat 1(3)
Lecanactis abietina (Ach.) Körb. 49(4)
L. dilleniana (Ach.) Körb. 2(1)
L. subabietina Coppins & P.James 1(0)
Lecania atrynoides M.Knowles 2(0)
L. baeomma (Nyl.) P.James & J.R.Laundon 2(0)
L. chlorotiza (Nyl.) P.James 2(0)
L. coeruleorubella (Mudd) M.Mayrhofer 0(1)
L. coerulescens Mudd 0(1)
L. cuprea (Massal.) Van den Boom & Coppins 5(2)
L. cyrtella (Ach.) Th.Fr. 42(0)
L. cyrtellina (Nyl.) Sandst. 6(1)
L. erysibe (Ach.) Mudd 159(0)
L. hutchinsiae (Nyl.) A.L.Sm. 8(0)
L. inundata (Hepp ex Körb.) M.Mayrhofer 6(0)*
L. naegelii (Hepp) Diederich & Van den Boom 11(1)
L. nylanderiana A.Massal. 1(3)
L. subfuscula (Nyl.) S.Ekman 2(0)
L. sylvestris (Arnold) Arnold 1(0)
L. turicensis (Hepp) Müll.Arg. 22(0)
Lecanographa amylacea (Ehrh.ex Pers.) Egea & Torrente 0(1)
L. lyncea (Sm.) Fr. 1(8)
Lecanora agardhiana Ach. 0(2)
L. aitema (Ach.) Hepp 6(1)
L. albella (Pers.) Ach. 4(4)
L. albellula (Nyl.) Th.Fr. 2(1)
L. albescens (Hoffm.) Branth & Rostr. 172(3)
L. antiqua J.R.Laundon 67(0)
L. argentata (Ach.) Malme 3(0)
L. caesiosora Poelt 34(0)
L. campestris (Schaer.) Hue ssp. campestris 166(1)
ssp. dolomitica O.L.Gilbert 10(0)
L. carpinea (L.) Vain. 237(4)
L. chlarotera Nyl. 114(11)
L. compallens Herk & Aptroot 3(0)*
L. confusa Almb. 5(0)
L. conizaeoides Nyl. ex Cromb. 195(0)
L. crenulata Hook. 108(6)
L. dispersa (Pers.) Sommerf. 194(0)
L. epanora (Ach.) Ach. 13(3)
L. epibryon (Ach.) Ach. 1(1)
L. expallens Ach. 142(2)
L. gangaleoides Nyl. 27(1)
L. handelii J.Steiner 2(0)
L. helicopsis (Wahlenb.) Ach. 1(1)
L. intricata (Ach.) Ach. 103(0)
L. intumescens (Rebent.) Rabenh. 0(2)
L. muralis (Schreb.) Rabenh. 182(1)

L. orosthea (Ach.) Ach. 120(0)
L. pannonica Szatala 31(0)
L. persimilis (Th.Fr.) Nyl. 7(0)*
L. polytropa (Hoffm.) Rabenh. 189(1)
L. pulicaris (Pers.) Ach. 22(3)
L. rupicola (L.) Zahlbr. var. rupicola 67(4)
 var. efflorens Leuckert & Poelt 4(0)
L. saligna (Schrad.) Zahlbr. 43(8)
L. sambuci (Pers.) Nyl. 1(2)
L. semipallida H.Magn. 7(0)*
L. soralifera (Suza) Räsänen 164(0)
L. stenotropa Nyl. 28(0)
L. subaurea Zahlbr. 9(0)
L. subcarnea (Lilj.) Ach. 1(2)
L. sulphurea (Hoffm.) Ach. 110(2)
L. symmicta (Ach.) Ach. 37(11)
L. umbrina (Ach.) A.Massal. 14(0)*
L. varia (Hoffm.) Ach. 17(8)**
L. xanthostoma Cl.Roux ex Fröberg 1(0)
L. zosteræ (Ach.) Nyl. 1(0)
Lecidea commaculans Nyl. 1(0)
L. confluens (Weber) Ach. 1(6)
L. doliiformis Coppins & P.James 1(0)
L. erythrophaea Flörke 0(3)
L. fuliginosa Taylor 0(1)
L. fuscoatra (L.) Ach. [s.lat.] 135(1)**
L. grisella Flörke 12(0)*
L. hypnorum Lib. 6(1)
L. hypopta Ach. 2(0)
L. lactea Flörke ex Schaer. 1(3)
L. lapicida (Ach.) Ach. 2(8)
L. lichenicola (A.L.Sm. & Ramsb.) D.Hawksw. 1(0)
L. lithophila (Ach.) Ach. 23(15)
L. obluridata Nyl. 1(0)
L. plana (J.Lahm) Nyl. 6(7)
L. promixta Nyl. 1(0)
L. pycnocarpa (Körb.) Ohlert 1(0)
L. silacea (Ach.) Ach. 0(2)
L. turgidula Fr. 0(2)
Lecidella asema (Nyl.) Knoph & Hertel 2(2)
L. carpathica Körb. 13(0)*
L. elaeochroma (Ach.) M.Choisy f. elaeochroma 71(16)
 f. soredata (Erichsen) D.Hawksw. 2(0)
L. scabra (Taylor) Hertel & Leuckert 174(0)
L. stigmatæa (Ach.) Hertel & Leuckert 172(1)
Lecidoma demissum (Rutstr.) Goth.Schneid. & Hertel 0(4)
Lemmopsis arnoldiana (Hepp) Zahlbr. 1(0)
Lempholemma botryosum (A.Massal.) Zahlbr. 5(0)
L. cladodes (Tuck.) Zahlbr. 5(0)
L. polyanthes (Bernh.) Malme 14(2)
Lepraria caesiocalba (de Lesd.) J.R.Laundon 40(0)

L. diffusa (J.R.Laundon) Kukwa 1(1)
L. eburnea J.R.Laundon 2(1)
L. elobata Tønsberg 1(0)
L. incana (L.) Ach. [s.lat.] 194(0)**
L. lobificans Nyl. 43(1)*
L. membranacea (Dicks.) Vain. 6(0)*
L. nivalis J.R.Laundon 5(0)
L. rigidula (Hue) Tønsberg 1(0)
L. vouauxii (Hue) R.C.Harris 76(0)*
Leprocaulon microscopicum (Vill.) Gams ex D.Hawksw. 0(2)
Leptogium biatorinum (Nyl.) Leight. 7(2)
L. gelatinosum (With.) J.R.Laundon 37(4)
L. intermedium (Arnold) Arnold 1(0)
L. lichenoides (L.) Zahlbr. 27(10)
L. massiliense Nyl. 2(0)
L. palmatum (Huds.) Mont. 0(3)
L. plicatile (Ach.) Leight. 9(1)
L. saturninum (Dicks.) Nyl. 0(1)
L. schraderi (Ach.) Nyl. 16(6)
L. tenuissimum (Dicks.) Körb. 1(7)
L. teretiusculum (Wallr.) Arnold 3(1)
L. turgidum (Ach.) Cromb. 20(7)
Leptorhaphis epidermidis (Ach.) Th.Fr. [F]
Lichenoconium erodens M.S.Christ & D.Hawksw. [LF]
L. lecanorae (Jaap) D.Hawksw. [LF]
L. xanthoriae M.S.Christ. [LF]
Lichenodiplis lecanorae (Vouaux) Dyko & D.Hawksw. [LF]
Lichenomphalia hudsoniana (H.S.Jenn.) Redhead et al. 13(7)
L. velutina (Quél.) Redhead et al. 2(0)
L. umbellifera (L.) Redhead et al. 18(6)
Lichina confinis (O.F.Müll.) C.Agardh 2(0)
L. pygmaea (Lightf.) C.Agardh 0(1)
Lithographa tesserata (DC.) Nyl. 1(2)
Lobaria amplissima (Scop.) Forssell 1(5)
L. pulmonaria (L.) Hoffm. 2(28)
L. scrobiculata (Scop.) DC. 0(10)
L. virens (With.) J.R.Laundon 0(16)
Lobothallia radiosa (Hoffm.) Hafellner 7(4)
Loxospora elatina (Ach.) A.Massal. 4(0)

Marchandiomyces corallinus (Roberge) Diederich & D.Hawksw. [LF]
Megalaria grossa (Pers. ex Nyl.) Hafellner 0(17)
M. pulvereae (Borrer) Hafellner & E.Schreiner 0(1)
Megaspora verrucosa (Ach.) Hafellner & V.Wirth 4(2)
Melanelixia fuliginosa (Fr. ex Duby) O.Blanco et al. ssp. **fuliginosa** 127(2)
 ssp. **glabratula** (Lamy) O.Blanco et al. 117(2)
M. subaurifera (Nyl.) O.Blanco et al. 119(0)
Melanohalea elegantula (Zahlbr.) O.Blanco et al. 13(0)
M. exasperata (De Not.) O.Blanco et al. 5(6)
M. exasperatula (Nyl.) O.Blanco et al. 31(0)
M. laciniatula (H.Olivier) O.Blanco et al. 6(0)

Merismatium discrepans (J.Lahm) Triebel [LF]
Micarea adnata Coppins 1(0)
M. bauschiana (Körb.) V.Wirth & Vězda 20(2)
M. botryoides (Nyl.) Coppins 32(0)
M. cinerea (Schaer.) Hedl. 2(0)
M. coppinsii Tønsberg 2(0)
M. denigrata (Fr.) Hedl. 72(0)
M. erratica (Körb.) Hertel, Rambold & Pietschm. 16(3)
M. leprosula (Th.Fr.) Coppins & A.Fletcher 8(1)
M. lignaria (Ach.) Hedl. 67(1)
M. lithinella (Nyl.) Hedl. 3(0)
M. lutulata (Nyl.) Coppins 2(2)
M. lynceola (Th.Fr.) Palice 2(0)
M. melaena (Nyl.) Hedl. 37(2)
M. nitschkeana (J.Lahm ex Rabenh.) Harm. 15(1)
M. peliocarpa (Anzi) Coppins & R.Sant. 13(3)
M. polycarpella (Erichsen) Coppins & Palice 2(0)
M. prasina Fr. [s.lat.] 66(3)
M. pseudomarginata Coppins 3(0)
M. pycnidiophora Coppins & P.James 3(0)
M. sylvicola (Flot.) Vězda & V.Wirth 8(2)
M. ternaria (Nyl.) Vězda 1(0)
M. tuberculata (Sommerf.) R.A.Anderson 1(0)
Microcalicium arenarium (Hampe ex A.Massal.) Tibell [LF]
Miriquidica leucophaea (Rabenh.) Hertel & Rambold 23(4)
Moelleropsis nebulosa (Hoffm.) Gyeln. 1(1)
Muellerella hospitans Stizenb. [LF]
M. lichenicola (Sommerf.) D.Hawksw. [LF]
M. pygmaea (Körb.) D.Hawksw. var. *pygmaea* [LF]
var. *athallina* (Müll.Arg.) Triebel [LF]
M. ventosicola (Mudd) D.Hawksw. [LF]
Mycoblastus alpinus (Fr.) Kernst. 1(0)
M. caesius (Coppins & P.James) Tønsberg 4(0)
M. fucatus (Stirt.) Zahlbr. 44(0)
M. sanguinarius (L.) Norman 45(13)
Mycoporum antecellans (Nyl.) R.C.Harris [F]
Myriospora heppii Nägeli 16(3)

Nephroma laevigatum Ach. 0(7)
Nesolechia oxyspora (Tul.) A.Massal. [LF]
Normandina pulchella (Borrer) Nyl. 5(5)

Ochrolechia androgyna (Hoffm.) Arnold 99(0)
O. frigida (Sw.) Lynge 9(4)
O. microstictoides Räsänen 2(0)*
O. parella (L.) A.Massal. 104(13)
O. subviridis (Høeg) Erichsen 35(1)
O. tartarea (L.) A.Massal. 5(25)
O. turneri (Sm.) Hasselrot [s.lat.] 46(5)**
Opegrapha atra Pers. 27(8)
O. calcarea Turner ex Sm. 78(7)

O. dolomitica (Arnold) Clauzade & Cl.Roux 8(17)**
O. gyrocarpa Flot. 36(0)
O. herbarum Mont. 14(7)
O. mougeotii A.Massal. 2(2)
O. multipuncta Coppins & P.James 1(0)
O. niveoatra (Borrer) J.R.Laundon 13(6)
O. ochrocheila Nyl. 16(0)
O. parasitica (A.Massal.) H.Olivier [LF]
O. rufescens Pers. 2(9)
O. rupestris Pers. [LF]
O. saxigena Taylor 0(2)
O. varia Pers. 18(12)
O. vermicellifera (Kunze) J.R.Laundon 18(2)
O. viridipruinosa Coopins & Yahr 1(0)
O. viridis (Ach.)Nyl. 0(3)
O. vulgata (Ach.) Ach. 31(15)
Ophioparma ventosa (L.) Norman 31(9)
Orphniospora moriopsis (A.Massal.) D.Hawksw. 0(4)

Pachyphiale carneola (Ach.) Arnold 0(5)
Pannaria rubiginosa (Ach.) Bory 0(3)
Parmelia discordans Nyl. 18(0)
P. omphalodes (L.) Ach. 45(17)
P. saxatilis (L.) Ach. 160(3)
P. sulcata Taylor 169(0)
Parmeliella triptophylla (Ach.) Müll.Arg. 0(1)
Parmelina pastillifera (Harm.) Hale 7(5)
P. tiliacea (Hoffm.) Hale 22(10)
Parmeliopsis ambigua (Wulfen) Nyl. 87(1)
P. hyperopta (Ach.) Arnold 2(1)
Parmotrema crinitum (Ach.) M.Choisy 0(1)
P. perlatum (Huds.) M.Choisy 26(19)
Peltigera britannica (Gyeln.) Holt.-Hartw. & Tønsberg 0(2)
P. canina (L.) Willd. 5(0)
P. didactyla (With.) J.R.Laundon 29(7)
P. horizontalis (Huds.) Baumg. 19(12)
P. hymenina (Ach.) Delise ex Duby 48(2)*
P. leucophlebia (Nyl.) Gyeln. 3(3)
P. membranacea (Ach.) Nyl. 30(2)*
P. neckeri Hepp ex Müll.Arg. 4(1)
P. polydactylon (Neck.) Hoffm. 3(0)
P. praetextata (Flörke ex Sommerf.) Zopf 39(9)
P. rufescens (Weiss) Humb. 52(15)
P. venosa (L.) Hoffm. 0(2)
Pertusaria albescens (Huds.) M.Choisy & Werner var. *albescens* 38(8)
var. *corallina* (Zahlbr.) J.R.Laundon 65(3)
P. amara (Ach.) Nyl. 89(8)
P. aspergilla (Ach.) J.R.Laundon 27(3)**
P. coccodes (Ach.) Nyl. 26(1)
P. corallina (L.) Arnold 60(5)
P. flavicans Lamy 1(0)

P. flavida (DC.) J.R.Laundon 8(2)
P. hemisphaerica (Flörke) Erichsen 23(0)
P. hymenea (Ach.) Schaer. 30(10)
P. lactea (L.) Arnold 16(6)
P. lactescens Mudd 4(1)*
P. leioplaca DC. 24(7)
P. multipuncta (Turner) Nyl. 8(4)
P. pertusa (Weigel) Tuck. 72(12)
P. pseudocorallina (Lilj.) Arnold 21(4)
P. pupillaris (Nyl.) Th.Fr. 8(0)
Peterjamesia circumscripta (Taylor) D.Hawksw. 0(1)
Petractis clausa (Hoffm.) Kremp. 16(2)
Phaeographis smithii (Leight.) de Lesd. 0(2)
Phaeophyscia nigricans (Flörke) Moberg 80(0)
P. orbicularis (Neck.) Moberg 184(0)
P. sciastra (Ach.) Moberg 0(1)
Phaeospora parasitica (Lonnr.) Zopf [LF]
P. rimosicola (Leight. ex Mudd) Hepp [LF]
Phlyctis agelaea (Ach.) Flot. 0(3)
P. argena (Spreng.) Flot. 110(0)
Physcia adscendens (Fr.) H.Olivier 179(1)
P. aipolia (Ehrh. ex Humb.) Fürnr. 24(16)
P. caesia (Hoffm.) Fürnr. 189(0)
P. clementei (Sm.) Maas Geest. 0(1)
P. dubia (Hoffm.) Lettau 80(0)
P. leptalea (Ach.) DC. 1(2)
P. stellaris (L.) Nyl. 2(0)
P. tenella (Scop.) DC. 162(4)
P. tribacia (Ach.) Nyl. 5(3)
Physconia distorta (With.) J.R.Laundon 14(23)
P. enteroxantha (Nyl.) Poelt 17(1)
P. grisea (Lam.) Poelt 123(2)
P. perisidiosa (Erichsen) Moberg 13(0)
Pilophorus strumaticus Nyl.ex Cromb. 1(0)
Placopsis gelida (L.) Linds. 4(6)**
Placynthiella dasaea (Stirt.) Tønsberg 11(0)
P. icmalea (Ach.) Coppins & P.James 119(0)
P. oligotropha (J.R.Laundon) Coppins & P.James 4(1)
P. uliginosa (Schrad.) Coppins & P.James 113(1)
Placynthium garovaglii (A.Massal.) Malme 4(0)
P. nigrum (Huds.) Gray 65(5)
P. subradiatum (Nyl.) Arnold 4(0)
P. tantaleum (Hepp) Hue 4(0)
Platismatia glauca (L.) W.L.Culb. & C.F.Culb. 103(8)
Pleopsidium chlorophanum (Wahlenb.) Zopf 1(0)
Pleurosticta acetabulum (Neck.) Elix & Lumbsch 5(9)
Poeltinula cerebrina (DC.) Hafellner 3(2)
Polyblastia albida Arnold 11(2)
P. cruenta (Körb.) P.James & Swinscow 1(0)
P. cupularis A.Massal. 4(4)
P. deminuta Arnold 10(2)

P. dermatodes A.Massal. 6(0)
P. melaspora (Taylor) Zahlbr. 1(0)
P. wheldonii Travis 1(0)
 Polychidium muscicola (Sw.) Gray 0(3)
Polycoccum marmoratum (Kremp.) D.Hawksw. [LF]
P. peltigerae (Fuckel) Vězda [LF]
P. pulvinatum (Eitner) R.Sant. [LF]
P. squamarioides (Mudd) Arnold [LF]
Polysporina lapponica (Schaer.) Degel. 4(0)
P. simplex (Davies) Vězda 62(0)
Porina aenea (Wallr.) Zahlbr. 33(5)
P. borrieri (Trevis.) D.Hawksw. & P.James 1(5)
P. chlorotica (Ach.) Müll.Arg. 38(4)
P. guentheri (Flot.) Zahlbr. var. *guentheri* 1(0)
P. lectissima (Fr.) Zahlbr. 5(0)
P. leptalea (Durieu & Mont.) A.L.Sm. 2(0)
P. linearis (Leight.) Zahlbr. 19(1)
Porpidia cinereoatra (Ach.) Hertel & Knoph 29(2)*
P. crustulata (Ach.) Hertel & Knoph. 86(6)
P. hydrophila (Fr.) Hertel & A.J.Schwab 3(9)
P. macrocarpa (DC.) Hertel & A.J.Schwab 99(5)
P. melinodes (Körb.) Gowan & Ahti 1(0)
P. platycarpoides (Bagl.) Hertel 7(3)
P. rugosa (Taylor) Coppins & Fryday 5(0)
P. soredizodes (Lamy ex Nyl.) J.R.Laundon 110(0)
P. speirea (Ach.) Kremp. 4(4)
P. tuberculosa (Sm.) Hertel & Knoph 183(0)
Pronectria robergei (Mont. & Desm.) Lowen [LF]
Protoblastenia calva (Dicks.) Zahlbr. 19(3)
P. cyclospora (Hepp ex Körb.) Poelt 1(1)
P. incrustans (DC.) J.Steiner 12(0)
P. rupestris (Scop.) J.Steiner 123(1)
Protopannaria pezizoides (Weber) P.M.Jørg. & S.Ekman 3(7)
 Protoparmelia atriseda (Fr.) R.Sant.& V.Wirth 0(2)
P. badia (Hoffm.) Hafellner 88(3)
P. memnonia Hafellner & Türk 1(0)
Pseudephebe pubescens (L.) M.Choisy 2(7)
Pseudevernia furfuracea (L.) Zopf [s.lat.] 100(8)
 var. *ceratea* (Ach.) D.Hawksw. 75(6)
Psilolechia leprosa Coppins & Purvis 99(0)
P. lucida (Ach.) M.Choisy 179(0)
 Psora decipiens (Hedw.) Hoffm. 0(1)
P. lurida (Ach.) DC. 14(5)
Psoroglaena stigonemoides (Orange) Henssen 1(0)
 Psoroma hypnorum (Vahl) Gray 0(3)
Psorotichia schaeereri (A.Massal.) Arnold 2(1)
Pterygiopsis concordatula (Nyl.) Henssen & P.M.Jørg. 4(0)
P. lacustris P.M.Jørg.& R.Sant. 1(0)
Punctelia borrieri (Sm.) Krog 1(0)
P. jeckeri (Roum.) Kalb 10(0)*
P. subrudecta (Nyl.) Krog [s.lat.] 54(3)

Pycnothelia papillaria Dufour 1(9)
Pyrenocollema arenisedum (A.L.Sm.) Coppins 1(0)
P. caesium (Nyl.) R.C.Harris 1(0)
P. monense (Wheldon) Coppins 5(0)
P. orustense (Erichsen) A.Fletcher 1(0)
Pyrenula chlorospila Arnold 2(2)
P. macrospora (Degel.) Coppins & P.James 1(2)
P. nitidella (Flörke ex Schaerer) Müll.Arg. 0(1)
Pyrrhospora quernea (Dicks.) Körb. 49(6)

Racodium rupestre Pers. 17(11)
Ramalina calicaris (L.) Fr. 0(7)
R. canariensis J.Steiner 3(2)
R. capitata (Ach.) Nyl. 3(0)
R. cuspidata (Ach.) Nyl. 0(2)
R. farinacea (L.) Ach. 118(6)
R. fastigiata (Pers.) Ach. 9(13)
R. fraxinea (L.) Ach. 5(32)
R. lacera (With.) J.R.Laundon 0(2)
R. siliquosa (Huds.) A.L.Sm. 14(5)
R. subfarinacea (Nyl. ex Cromb.) Nyl. 4(4)
Ramonia interjecta Coppins 2(0)
Rhizocarpon distinctum Th.Fr. 29(0)
R. geographicum (L.) DC. 84(2)
R. lavatum (Fr.) Hazsl. 14(2)
R. lecanorinum Anders 1(0)
R. oederi (Weber) Körb. 31(2)
R. petraeum (Wulfen) A.Massal. 47(10)
R. polycarpum (Hepp) Th.Fr. 1(0)
R. reductum Th.Fr. 158(0)
R. richardii (Nyl.) Zahlbr. 0(7)
R. umbilicatum (Ramond) Flagey 21(7)
R. viridiatrum (Wulfen) Körb. 0(8)
Rimularia badioatra (Kremp.) Hertel & Rambold 2(0)
R. furvella (Nyl. ex Mudd) Hertel & Rambold 5(0)
R. insularis (Nyl.) Hertel & Rambold 0(2)
R. intercedens (H.Magn.) Coppins 1(0)
Rinodina atrocinerea (Hook.) Körb. 1(2)
R. bischoffii (Hepp) A.Massal. 9(0)
R. efflorescens Malme 1(0)
R. immersa (Körb.) Zahlbr. 1(0)
R. oleae Bagl. 168(0)
R. oxydata (A.Massal.) A.Massal. 1(0)
R. pityrea Ropin & H.Mayrhofer 4(0)
R. roboris (Dufour ex Nyl.) Arnold 1(4)
R. sophodes (Ach.) A.Massal. 1(3)
R. teichophila (Nyl.) Arnold 95(1)
Ropalospora viridis (Tønsberg) Tønsberg 2(0)
Roselliniopsis gelidaria (Mudd) Matzer [LF]

Sagiolechia protuberans (Ach.) A.Massal. 1(0)

Sarcogyne privigna (Ach.) A.Massal. 6(2)
S. regularis Körb. 121(1)
Sarcopyrenia gibba (Nyl.) Nyl. var. *geisleri* (Beckh.) Nav.-Ros. & Hladun [LF]
Sarcosagium campestre (Fr.) Poetsch & Schied. var. *campestre* 6(0)
 var. *macrosporum* Coppins & P.James 1(0)
Schaereria cinereorufa (Schaer.) Th.Fr. 13(3)
S. fuscocinerea (Nyl.) Clauzade & Cl.Roux var. *fuscocinerea* 2(0)
Schismatomma cretaceum (Hue) J.R.Laundon 1(0)
S. decolorans (Turner & Borrer ex Sm.) Clauzade & Vězda 21(0)
Sclerococcum sphaerale (Ach.) Fr. [LF]
Sclerophora pallida (Pers.) Y.J.Yao & Spooner 0(3)
S. peronella (Ach.) Tibell 0(1)
Scoliciosporum chlorococcum (Graewe ex Stenh.) Vězda 82(0)
S. pruinatum (P.James) Vězda 2(0)
S. umbrinum (Ach.) Arnold 154(3)
Skyttea buelliae Sherwood, D.Hawksw. & Coppins [LF]
S. gregaria Sherwood, D.Hawksw. & Coppins [LF]
S. tephromelarum Kalb & Hafellner [LF]
Solenopsora candicans (Dicks.) J.Steiner 37(4)
S. vulturienensis A.Massal. 1(0)
Solorina saccata (L.) Ach. 22(15)
S. spongiosa (Ach.) Anzi 5(8)
Sphaerophorus fragilis (L.) Pers. 13(11)
S. globosus (Huds.) Vain. 19(24)
Sphinctrina turbinata (Pers.) De Not. [LF]
Sporodictyon schaeererianum A.Massal. 1(0)
Squamarina cartilaginea (With.) P.James 19(6)
Staurothele bacilligera (Arnold) Arnold 1(0)
S. caesia (Arnold) Arnold 3(0)
S. fissa (Taylor) Zwackh 5(2)
S. guestphalica (Lahm ex Körb.) Arnold 4(0)
S. hymenogonia (Nyl.) Th.Fr. 5(5)
S. rugulosa (A.Massal.) Arnold 1(0)
S. rupifraga (A.Massal.) Arnold 10(3)
S. succedens (Rehm ex Arnold) Arnold 2(0)
Steinia geophana (Nyl.) Stein 3(0)
Stenocybe pullatula (Ach.) Stein [F]
S. septata (Leight.) A.Massal. [F]
Stereocaulon condensatum Hoffm. 0(6)
S. dactylophyllum Flörke 10(7)
S. evolutum Graewe 12(6)
S. nanodes Tuck. 4(0)
S. pileatum Ach. 29(0)
S. vesuvianum Pers. 44(5)
 var. *nodulosum* (Wallr.) I.M.Lamb 0(5)
 var. *symphycheileoides* I.M.Lamb 2(0)
Sticta fuliginosa (Hoffm.) Ach. 0(5)
S. limbata (Sm.) Ach. 0(6)
S. sylvatica (Huds.) Ach. 0(7)
Stigmatidium congestum (Körb.) Triebel [LF]
S. microspilum (Körb.) D.Hawksw. [LF]

Strangospora moriformis (Ach.) Stein 5(1)
S. pinicola (A.Massal.) Körb. 13(0)
Strigula jamesii (Swinscow) R.C.Harris 1(0)
Synalissa symphorea (Ach.) Nyl. 2(4)

Teloschistes flavicans (Sw.) Norman 0(1)
Tephromela atra (Huds.) Hafellner ex Kalb 136(8)
 var. torulosa (Flot.) Hafellner 0(1)
T. grumosa (Pers.) Hafellner & Cl.Roux 13(0)
Thelenella muscorum (Fr.) Vain. 2(0)
Thelidium decipiens (Nyl.) Kremp. 38(2)
T. fontigenum A.Massal. 4(0)
T. impressum (Stizenb.) Zschacke 2(0)
T. incavatum Mudd 41(5)
T. minutulum Körb. 26(2)
T. papulare (Fr.) Arnold 7(1)
T. pluvium Orange 1(0)
T. pyrenophorum (Ach.) Mudd 2(4)
T. zwackhii (Hepp) A.Massal. 10(1)
 Thelocarpon epibolum Nyl. [LF]
T. intermediellum Nyl. 1(0)
T. laureri (Flot.) Nyl. 6(0)
T. lichenicola (Fuckel) Poelt & Hafellner [LF]
Thelomma ocellatum (Körb.) Tibell 1(0)
Thelotrema lepadinum (Ach.) Ach. 38(14)
 Thrombium epigaeum (Pers.) Wallr. 0(1)
Tomasellia gelatinosa (Chevall.) Zahlbr. [F]
Toninia aromatica (Sm.) A.Massal. 105(7)
T. sedifolia (Scop.) Timdal 17(8)
T. verrucarioides (Nyl.) Timdal 3(5)
Trapelia coarctata (Sm.) M.Choisy 159(5)
T. corticola Coppins & P.James 1(0)
T. glebulosa (Sm.) J.R.Laundon 127(2)
T. obtogens (Th.Fr.) Hertel 62(0)
T. placodioides Coppins & P.James 155(0)
Trapeliopsis flexuosa (Fr.) Coppins & P.James 63(1)
T. gelatinosa (Flörke) Coppins & P.James 6(1)
T. glaucolepidea (Nyl.) Gotth.Schneid. 3(0)
T. granulosa (Hoffm.) Lumbsch 152(2)
T. percrenata (Nyl.) Gotth.Schneid. 3(0)
T. pseudogranulosa Coppins & P.James 27(0)
 T. viridescens (Schrad.) Coppins & P.James 0(2)
Tremella lichenicola Diederich [LF]
 T. protoparmeliae Diederich & Coppins [LF]
Tremolecia atrata (Ach.) Hertel 11(3)
Trichonectria hirta (A.Bloxam) Petch [LF]
Tuckermanopsis chlorophylla (Willd.) Hale 74(2)
Tylothallia biformigera (Leight.) P.James & H.Kilias 1(0)

Umbilicaria cylindrica (L.) Delise ex Duby 2(1)
U. deusta (L.) Baumg. 9(1)

U. hyperborea (Ach.) Hoffm. 0(1)
U. polyphylla (L.) Baumg. 28(18)
U. polyrrhiza (L.) Fr. 5(12)
U. proboscidea (L.) Schrad. 1(5)
U. torrefacta (Lightf.) Schrad. 7(7)
Unguiculariopsis lesdainii (Vouaux) Etayo & Diederich [LF]
Usnea articulata (L.) Hoffm. 0(3)
U. ceratina Ach. 0(1)
U. cornuta Körb. 3(0)
U. dasy-poga (Ach.) Shirley 4(2)
U. flammea Stirt. 0(1)
U. florida (L.) F.H.Wigg. 0(10)
U. hirta (L.) F.H.Wigg. 0(2)
U. subfloridana Stirt. 80(5)

Verrucaria aethiobola Wahlenb. 17(7)
V. amphibian Clemente 1(0)
V. aquatilis Mudd 14(6)
V. baldensis A.Massal. 103(1)
V. bryoctona (Th.Fr.) Orange 4(0)
V. caerulea DC. 9(7)
V. calciseda DC. 1(5)**
V. canella Nyl. 0(1)
V. cyanea Massal. 0(3)
V. ditmarsica Erichsen 3(0)
V. dolosa Hepp 12(6)
V. dufourii DC. 12(7)
V. elaeina Borrer 4(0)
V. elaeomelaena (A.Massal.) Arnold 8(1)
V. funckii (Spreng.) Zahlbr. 2(0)
V. fuscella (Turner) Winch 76(4)
V. halizoa Leight. 1(1)
V. hochstetteri Fr. 102(2)
V. hydrela Ach. 15(5)
V. knowlesiae P.M.McCarthy 1(0)
V. latebrosa Körb. 0(1)
V. macrostoma Dufour ex DC. f. macrostoma 39(4)
f. furfuracea de Lesd. 57(0)
V. margacea (Wahlenb.) Wahlenb. 3(7)
V. maura Wahlenb. 6(3)
V. mucosa Wahlenb. 8(1)
V. muralis Ach. 176(2)
V. murina Leight. 12(3)
V. nigrescens Pers. 181(0)
V. ochrostoma (Borrer ex Leight.) Trevis. 2(1)
V. pinguicula A.Massal. 2(3)
V. polysticta Borrer 2(0)
V. praetermissa (Trevis.) Anzi 13(1)
V. rheitrophila Zschacke 5(1)
V. sandstedei de Lesd. 1(0)
V. scabra Vězda 1(0)

V. simplex P.M.McCarthy 1(0)
V. striatula Wahlenb. 3(2)
V. viridula (Schrad.) Ach. 155(3)
Veizdaea acicularis Coppins 1(0)
V. aestivalis (Ohlert) Tscherm.-Woess & Poelt 5(0)
V. leprosa (P.James) Vězda 6(0)
V. retigera Poelt & Döbbeler 4(0)
V. rheocarpa Poelt & Döbbeler 2(0)
Vouauxiella lichenicola (Linds.) Petr. Syd. [LF]
Vulpicida pinastri (Scop.) Mattson & M.J.Lai 0(2)

Weddellomyces epicallopisma (Wedd.) D.Hawksw. [LF]

Xanthoparmelia conspersa (Ehrh. ex Ach.) Hale 15(17)
X. loxodes (Nyl.) O.Blanco et al. 1(0)
X. mougeotii (Schaer. ex D.Dietr.) Hale 8(12)
X. verruculifera (Nyl.) O.Blanco et al. 6(0)
Xanthoria aureola (Ach.) Erichsen 2(0)
X. calcicola Oxner 142(1)
X. candelaria (L.) Th.Fr. [s.lat.] 154(1)
X. elegans (Link) Th.Fr. 31(4)
X. parietina (L.) Th.Fr. 188(1)
X. polycarpa (Hoffm.) Th.Fr. ex Rieber 120(3)
X. ucrainica S.Y.Kondr. 9(0)*
Xanthoriicola physciae (Kalchbr.) D.Hawksw. [LF]
Xylographa parallela (Ach.) Belhen & Desberger 1(0)

Zwackhiomyces coepulonus (Norman) Grube & R.Sant. [LF]

Z. disperses (J.Lahm ex Körb.) Triebel & Grube [LF]

References

- Hawksworth, D.L. (2003) The lichenicolous fungi of Great Britain and Ireland: an overview and annotated checklist. *Lichenologist* **35**: 191-232.
- Seaward, M.R.D. (2008) Checklist of Yorkshire lichens. *Naturalist* **133**: 33-53.
- Smith, C.W., Aptroot, A., Coppins, B.J., Fletcher, A., Gilbert, O.L., James, P.W. & Wolseley, P.A., eds. (2009) *The Lichens of Great Britain and Ireland*. British Lichen Society, London.