

## ASHDOWN FOREST

Sussex

GRADE 3  
51/46-29-

Area:1000 ha                      Altitude:100-250m  
Geology:Wealden sandstone, peat  
Owners:Conservators of Ashdown Forest  
Total taxa: 24 terricolous

Scattered woodlands with open areas of heathland, very like the New Forest in character, provide a back-up to Ambersham in that series. The best areas are at Colemans Hatch (51/435326) and 1 km W. of the radio mast at Duddleswell (51/465293) but are small (4-5 ha).

The most noteworthy lichens are Pycnothelia papillaria and Icmadophila ericetorum, Cladonia ciliata and C.strepsilis. Parts have been damaged by fire but are recovering and much remains intact.

The site has been well studied in parts. It is under heavy visitor pressure.

## LAVINGTON COMMON

Sussex

GRADE 3  
41/94-18-

Area:20 ha                      Altitude: 30m  
Geology:Folkestone Sands  
Owners:National Trust  
Total taxa: 55

Only about one quarter the size of Ambersham Common with which it should be compared, the site is slightly less species rich. It is a back-up to that site, in the New Forest series. An area of Calluna dominated heathland between two woodland complexes, partly burned about 20 years ago, this site has a rich Cladonia flora. While it is in danger from fire, it is well-protected and managed.

Outstanding species include Cladonia sulphurina, C.rei and C.strepsilis with Pycnothelia papillaria, C.arbuscula, C.bacillaris and Lecidea oligotropha.

The site is fairly well studied.

## SEVEN SISTERS

Sussex

GRADE 3  
50/5--9--

Area:90ha

Altitude: 30-75m

Geology:Chalk

Owners:

Total taxa: 17 terricolous

The site extends from Birling Gap to Cuckmere Haven and is somewhat maritime in nature. The best areas are associated with steep, closely rabbit-grazed turf just outside the National Trust boundary at 50/532969. The lichen flora is not outstanding, nevertheless, this provides a partial back-up for Tennyson Down. Catapyrenium lachneum, Verrucaria melaenella, Leptogium schraederi, Cladonia rangiformis, Polyblastia dermatodes and Toninia caeruleonigricans are noteworthy, but Fulgensia seems to be absent at present

The site has been reasonably well surveyed.

## BALNAKEIL BAY

Sutherland (north)

GRADE 3  
29/373668

Area:4 km sq

Altitude:0-30m

Geology:Durness Limestone

Owners:

Total taxa: 123 from all habitats

A large area of maritime limestone heath with small outcrops and some machair development on the SW side. The site is fairly sheltered and has features of geological interest in the form of sea-caves. The SW side has siliceous rocks overblown with calcareous shell-sand.

The heathland is not particularly interesting but the strip extending for about 100m inland has unusual lichens. Small pockets of peaty soil bear Calluna and Vaccinium with Cetraria islandica on the twigs, Solorina saccata and S.spongiosa on calcareous loam, Placidiopsis custnanii, Lempholemma myriococcum and Thelocarpon impressellum on mossy soil. The lichen cover is not particularly luxuriant but a wide range of species is present.

The site backs up Machair sites in general, and Invernaver in part, but the limestone heath adds a distinctive feature to this site. It is not a suitable back-up for Brean Down or Gt Orme but should be considered to be part of a series of maritime limestone grasslands.

The site has been fairly well-covered in two visits.

Ref:71

OLDSHORE MORE

Sutherland (West)

GRADE 3  
29/2--5--

Includes Oldshore More (29/2858), Oldshore Beg (29/1958) and Sheigra (29/1559).

Area: 3km sq                      Altitude: sea-level to 150m  
Geology: Torridonian Sandstone.  
Owners:  
Total taxa: 17 terricolous.

A fine machair on exposed, wind-blown headlands and valleys. The rocks are curiously flat, with extensive flat, soil-covered areas due to accretion of wind-blown shell-sand.

The Oldshore More site is very noteworthy in having ledges of wet soil, more or less devoid of angiosperm cover, but dominated by Nostoc and lichens, particularly Catapyrenium lachneum and Squamarina cartilaginea. Cladonia spp. are entirely absent !, but Collema (4 spp.) and Leptogium (2 spp.) are abundant. Lempholemma myriococcum, Agonimia tristicula, Tonina aromatica, T.caeruleonigricans and T.lobulata and Lempholemma cf. albonigrum complete the notable species. A good marine lichen flora exists on the rocks below the machair.

Oldshore Beg has a less well developed flora, but very large cliffs, some 30-15m high, overlain with shell-sand, bear a very curious flora. Elements here are Polyblastia wheldonii, Calopla-ca scopularis, Lempholemma cf. albonigrum, Staurothele orbicularis (new to Britain) and Sarcogyne clavus in addition to those reported for Oldshore More.

The site complex backs up Invernaver since the species list is not so great. It is however, ecologically unique and may deserve higher status when more information comes to light. It is under no serious threat except from holidaymakers.

Ref: 71,174

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BWRYDD ARTHUR

Anglesey

GRADE 4  
23/58-81-

Area: 50 ha

Altitude: 164m

Geology: Carboniferous Limestone

Owners:

Total taxa: 83

A small area of limestone grassland on an exposed hilltop, open to seawinds from the east. Flat boulders and slabs abound on the summit, around which is flat and open grassland with a reasonable lichen cover. The site is less extensive and less rich than Great Orme but it may act as a back up site to it. The nearby Penmon Point is a more maritime variant with interest chiefly centred on the rocks.

Calcicolous Cladonia spp., including C.pocillum and C.rangiformis with calcifuge species in pockets, such as C.portentosa, are frequent. Four Collema spp. and 2 Leptogium, Lempholerma botryosum, Agonimia tristicula, Placynthium subradiatum, Squamarina cartilaginea, Toninia aromatica and T.caeruleonigricans and Normandina pulchella are some interesting species.

The site may be affected by agricultural development. It would repay further visits, particularly the areas near to the sea.

CEMLYN

Anglesey

GRADE 4  
23/33-93-

Area: 0.5 km sq

Altitude: sea-level

Geology: Shingle bank enclosing a brackish lagoon

Owners: RSPB

Total taxa: 79

The only well-developed shingle bank on Anglesey; lichen interest disappeared from the Penmon Bank in the early 1970's following a storm. The Cemlyn reserve is famous for its wildfowl and some shingle lichens are found on the shingle bank, extending for nearly 1km. None of the lichen species are outstanding, being a selection from the floras on sea-cliffs flanking the bay, but Trapeliopsis wallrothii is noteworthy. A limited flora of common species was found on boot leather.

The site backs up the Point of Ayre and Ravensglass.

HEN BORTH

Anglesey

23/318929

Area:100m long  
Geology:Schists  
Owners:

Altitude:sea-level

Total taxa:61 from all habitats

A low, isolated beach with extensive, slabby and gently sloping rocky shores, much used by seals and seabirds. The site is sheltered at the south end, very exposed at the north. The cliffs are overlain with boulder clay which washes down onto the rocks and affects the saxicolous flora. In places this boulder clay, especially where sheep excavate ledges and shallow caverns, is colonised by very specialised lichens, the most noteworthy being Acarospora benedarensis (the second known site for the species). The species grows alongside Caloplaca citrina, Rinodina gennarii, Toninia aromatica and a small range of normal maritime Cladonia species.

The site does not back-up any other site except perhaps Howth head, Dublin which has few terricolous species. It is difficult to accord it any higher grade until these specialised habitats are given more study. RAF Bawdsey is an eastern counterpart.

Ref:224

RHOSCOLYN

Anglesey

GRADE 4  
23/27-74-

Area:0.6 km sq  
Geology:Green Mica-schists  
Owners:

Altitude: 0 to 20m

Total taxa:141, 26 terricolous

A small area of maritime heathland, dominated by Calluna, resembling the Bardsey and Aberdaron heaths. It is not regularly burned. Extensive siliceous outcrops are found with abundant maritime lichens. It is a good example of Northern type heath of oceanic affinity but lacks southwestern component lichens such as Teloschistes. 14 Cladonia spp., Sphaerophorus globosus and Bryoria fuscescens on Calluna were noted. It may be the best of numerous counterparts spread all along the Caerns coast and N and W of Anglesey.

SNELSMORE COMMON

Berkshire

GRADE 4  
41/46-71-

Area:81 ha

Altitude:90-140m

Geology:Plateau gravels

Owners:

Total taxa:22 terricolous,24 epiphytes

A Calluna/Erica heath in parts disturbed by trackways and the sites of former sheds built in 1940, with much burnt scrub development. Oak and Alder predominate in the valleys and there are two, fairly open, Eriophorum/Sphagnum peat bogs. The site may represent a type of Anglo-Norman heath prevalent in the SE. English Midlands at one time

A good range of Cladonia species, including C.arbuscula, C.bacillaris, C.cervicornis var. verticillata and C.uncialis, all being rare in the region.

The site is threatened by fires and the proposed Newbury bypass. Birch scrub may also damage the site.

DUNNET LINKS

Caithness

GRADE 4  
39/2--6--

Area:0.25km sq

Altitude: 10m

Geology:dune heath, slightly calcareous

Owners:

Total taxa:32

The Links of Greenland are the most interesting. This flat, very open site, underlain by calcareous sand, completely colonised by close-cropped grasses, moss hummocks and some gorse. Grazing is mostly by rabbits and sheep. It is noteworthy for the abundance of Primula scotica. Lichen cover is not great but intensive searching proved very rewarding. Only 2 Cladonia spp. were found but C.pocillum was nearly always colonised by Diploschistes muscorum, 3 Collema and 2 Leptogium were common, plus Microglaena muscorum, Polyblastia gelatinosa and Agonimia tristicula, Toninia caeruleonigricans and T.lobulata. Of outstanding note was Thelocarpon impressellum, abundant in local patches associated with decayed mosses.

The site is difficult to rate. It has features of calcareous dunes but lacks their characteristic macrolichens, substituting instead, an unusual assemblage of crustose species. Possibly the latter species may be more widespread but are overlooked elsewhere being seasonal.

HERM

Channel Isles

Area: 1ha

Altitude: 15m

Geology: Consolidated, wind blown shell-sand.

Owners:

Total taxa:

Most of the southern end of the island is low-lying fixed dune carrying a mixture of short, grazed grassland, bracken and scrub. *Fulgensietum fulgentis* occurs scattered throughout this area wherever grassland is kept very short and open due to grazing or trampling, especially near to paths. The characteristic *Fulgensietum* species are found, plus terricolous *Parmelia caperata*. It backs up Sark.

Ref: 191

LONGSTONE MOOR

Derbyshire

GRADE 4

43/19-73

GRADE 4

Area: 80 ha

Altitude: 350-400m

Geology: Superficial deposits overlying Carboniferous Limestone.

Owners:

Total taxa: 28 terricolous

The largest area of limestone heath remaining in the Derbyshire Dome. Some parts are disturbed by medieval or more recent mining activity. This area is mostly covered by a lichen-rich *Callunetum*. The lichens, which are scattered and not particularly abundant include 17 *Cladonia* spp., including *C. arbuscula*, *C. cervicornis*, *C. ciliata*, *C. conoidea*, *C. gracilis*, *C. subulata* and *C. uncialis*. Also, *Cetraria islandica* occurs in several places, *Micarea peliocarpa* and *Coelocaulon aculeatum* forma sorediosum.

Ref: 189



TIDESLOW RAKE

Derbyshire

GRADE 4  
43/148781-163778

Area:20ha

Altitude:328 to 351m

Geology: Lead rake cutting through Carboniferous Limestone

Owners:

Total taxa:30 terricolous

This belt of derelict mining ground, 1.5km long by 50m wide, was last mined 100-250 years ago. It is subject to moderate grazing and recent local disturbance. It is the best lead rake for lichens in the Region. Lichens include Bacidia viridescens, B.muscorum, Cladonia bacillaris, C.scabriuscula, C.verticillata, Diploschistes muscorum, Sarcosagium campestre var.macrosporum, Verrucaria melaenella, Veizdaea aestivalis and V.retigera (abundant). More acidic areas support Baeomyces rufus, Cladonia portentosa and C.subulata.

Heavy metals play an important role in maintaining this diversity. Derelict mining ground is now a scarce and declining habitat in Derbyshire due to the reworking of the abundant lead rakes for fluorspar.

Ref:189

FINGLE BRIDGE

Devon

GRADE 4  
20/742889

Area:

Altitude:

Geology: Millstone Grit

Owners:

Total taxa:60 from all substrata

A south-facing hillside dominated by Calluna on peaty soils with rocky outcrops. It represents the northern (upland) oceanic heath and may back up the Gwaun Valley area. A representative Cladonia flora is recorded including C.phyllophora and C.subulata. Rocks bear the rare Parmelia disjuncta, the only site in the region.

Ref:153

## HARTLAND POINT

Devon

GRADE 4  
21/23-27-

Area:400 ha

Altitude: sea-level

Geology:Millstone Grit

Owners:

Total taxa:53

An extensive maritime heath, very wind-exposed with outcrops and sea-cliffs. It is dominated by Calluna but this is being replaced by coarse grass in areas which were severely burned in 1975. Patches of wetland with Juncus squarrosus also exist. The most interesting area lies between Shipman Bay to the Cow and Calf. This is a good example of oceanic-type maritime heath. Lecidea aeruginosa and L. oligotropha are noteworthy, 26 Cladonia spp. occur often in abundance, though none are particularly rare.

The site is under continual threat from over-burning and, to a lesser extent, human trampling.

## CHESIL BEACH

Dorset

GRADE 4  
30/6--7--

Area:15 km long

Altitude:sea-level

Geology: flints and shingle

Owners:

Total taxa:

A famous shingle bank overlying a clay bank and enclosing a lagoon, similar in morphology to Slapton but SW-facing and more exposed. The seaward face is unstable and lacks lichens but the inner bank, fringed with Suaeda vera and Halimione salt-marsh has many lichens on flint pebbles, driftwood and low shrubs. It is grazed by hares and the NW end, at Abbotsbury is protected as a nesting site for terns. There are many remains of derelict buildings at the S end, where human trampling is severe.

The site is poorly recorded and needs revisiting. A representative list of lichens is known, chiefly deriving from Watson (1922) with casual additions by later visitors. Many maritime species rare in the area are present.

Ref:205

WINFRITH HEATH

Dorset

GRADE 4  
30/80-86-

Area: 25 ha sq                      Altitude: 300m  
Geology: Eocene gravels and recent peat  
Owners: Ministry of Defence  
Total taxa: 23 terricolous species

A heath and shallow valley bog adjacent to the Atomic Energy Research Centre. It is dominated by Calluna, Erica and Ulex and is subject to severe fires. The angiosperm flora is very rich in base-rich flushes and bog areas. It is used occasionally for army training. The adjacent Tadnoll Heath has recently been drained and recovered for agriculture.

A luxuriant lichen flora, especially of Cladonia portentosa has been recorded, but lately damaged by fire. Rare Dorset species include Icmadophila ericetorum and Cladonia anomaea. Platismatia glauca forms wind-blown balls on the ground. It relates to the New Forest heaths, possibly representing a more western variant.

Ref: 124

ABERLADY

E. Lothian

GRADE 4  
36/46-81-

Area: 320ha                      Altitude: 0 to 68m  
Geology: Carboniferous Limestone  
Owners: E. Lothian District Council NR in part.  
Total taxa: 105, 32 terricolous

A dune/grassland system on the E side of Aberlady Bay, varying from calcareous to acidic. Siliceous maritime rocks are also found (Gullane Pt, Hammell Rocks), with Anaptychia ciliaris sub sp. marmillata in the transition zone between supralittoral rocks and turf. Calcareous turf includes Bacidia muscorum, Catapyrenium lachneum, Caloplaca stillicidiorum, Cladonia foliacea, C. pocillum, C. rangiformis, Collema auriculatum, C. tenax, Diploschistes muscorum, Leptogium schraderi, Toninia caeruleonigrans, Peltigera canina and P. rufescens. More or less acidic turf is colonised by Cladonia arbuscula, C. furcata, C. glauca, C. portentosa, C. ciliata and Coelocaulon aculeatum.

This is the best example of lichen-rich calcareous coastal turf in SE Scotland. It has its counterparts in Hen Borth and RAF Bawdsey, and (the dune flora, with Blakeney and Scolt Island).

Ref: 174

TENTSMUIR

Fife

GRADE 4  
37/50-27-

Area: 52 ha  
Geology: Dunes  
Owner: NCC  
Total taxa: 59

Altitude: sea-level

Acidic dunes, mostly of recent origin but with older areas of lichen rich dwarf-shrub heath on stable dunes along the W boundary of the NNR. The lichen heath is dominated by Cladonia spp. including C.arbuscula, C.ciliata var ciliata and var.tenuis, with C.cornuta on N-facing sides of sand hills. Coelocaulon aculeatum and C.muricatum and Peltigera spp. are present. Cetraria islandica has not been found but occurs on Barry and Kinnaber Links nearby. Only the S half of the reserve has been surveyed (in 1976); further work is needed. The rather low species count may be due to underworking but could also relate to the lack of shingle and sand ridges. The site may be threatened by pine invasion from nearby plantations.

Ref: 43,174

IVINGHOE BEACON

Hertfordshire

GRADE 4  
42/96-16-

Area: 100 ha  
Geology: Chalk grassland with flints  
Owners:  
Total taxa:

Altitude: 250m

A hilltop grassy heath on chalk with chalk pebbles and flints. The pebble flora resembles Heyshott Down but it is less rich than Box Hill. It is even more threatened by trampling and car-parking than Box Hill being a popular beauty spot.

AINSDALE-FRESHFIELD

Lancashire

GRADE 4  
34/29-12-

Area:350ha

Altitude:0 to 30m

Geology:Blown shell-sand

Owners:NCC-NNR

Total taxa:53 from all substrata, 39 terricolous

This large dune system is the best of the extensive dunes along the W Lancashire coast. About half of it is planted with conifers but most of the rest is calcareous dune pasture grazed by rabbits. No areas of Calluna were encountered but soil under the pines is surface leached and acidic. The system is believed to have originated only 400 years ago.

In the calcareous areas, lichens are concentrated around bryophyte-rich patches. Veizdaea aestivalis is very well developed on steep, mossy banks. Other species of interest include Peltigera spuria, P.neckeri, P.canina, Cladonia anomaea, C.cariosa, C.foliacea, Leptogium schraderi, L.sinuatum, L.lichenoides, and Agonimia tristicula,

Fourteen species were recorded from the acidic areas under and adjacent to the pines. Locally there are well developed, lichen carpets of, for example, Cladonia portentosa, various red-fruited Cladonias and Coelocaulon aculeatum,

In the 1950's Salisbury recorded 5 species of Thelocarpon from brick and old boot leather. Most of these are rare nationally and Ainsdale is the type-locality for T.pallidum and the only known locality for T.magnussonii.

The Ainsdale dunes are inferior to those of Ravensglass and are ranked as of only Regional importance. It has been well studied but the Thelocarpon needs re-finding.

Ref: 225

ASHBY WOULD'S-MOIRA

Leicestershire

GRADE 4  
43/319156

Area: 4 ha

Altitude: 150m

Geology: Coal spoil

Owners: CEGB

Total taxa: 18, 13 terricolous.

A small area of derelict coal spoil now regenerating into acid heath. It appears to have been derelict for many years since oaks with 20 cm boles and numerous mature birch are present. An extensive *Calluna* growth exists showing all stages in its growth cycle. There are abundant bryophytes too.

The site bears 10 *Cladonia* spp., the most notable being *C.coccifera*, *C.polydactyla*, *C.portentosa*, *C.furcata* and *C.floerkeana*, which are rare in the neighbouring counties. The chief feature is abundant patches of *Coelocaulon muricatum*.

The lichen flora is an unusual one but very valuable for maintaining viable lichen populations in a region of very high industrial pressure; air pollution here, beside the Trent Valley, must be considerable. The site is threatened by amenity traffic, especially motor-cyclists who use the site for 'scrambling'.

Ref: 226

THE BRAND

Leicestershire

GRADE 4  
43/535110

Area: 200m sq

Altitude: 150m

Geology: Swithland Slate

Owners: Col. Martin

Total taxa: 19

A long-disused slate quarrying area with extensive exposures of weathered rock and oaks. The plateau above the quarry is an open *Festuca* heath. The site is very private and well conserved.

The heathland has a luxuriant growth of *Cladonia arbuscula*, very rare in the Midlands, with *C.portentosa*, *C.uncialis*, *Coelocaulon aculeatum* and *C.muricatum*.

The site needs further study as a full lichen list does not exist. It was briefly visited by the BLS in 1969.

Ref: 92, 148

CHARNWOOD LODGE

Leicestershire

GRADE 4  
43/46-15-

Area:200 ha

Altitude:200m

Geology:Precambrian Slates, agglomerate

Owners:Leics & Rutland Trust for Nature Conservation

Total taxa: 72, 12 terricolous

A large area of well-protected heathland, coarse grass and Pteridium with Calluna-Vaccinium in the hill-tops. Terricolous lichens are restricted to thin soils around the rocks where phanerogamic plants are stunted and do not shade-out the lichens. The best areas are on the east side of Hanging Stone Rocks, where the chief saxicolous lichen interest is also found. This area is protected from winds and, it is postulated, from wind-borne sulphur dioxide pollution.

Ten Cladonia species are found typical of acidic soils, including C.coccifera, C.floerkeana, C.furcata, C.macilenta, C.polydactyla, C.uncialis and C.rangiformis. Coelocaulon aculeatum and C.muricatum are also present. The site is threatened by further encroachment of bracken but is otherwise well conserved.

It needs revisiting in the light of new information on lichen taxonomy; a number of new species could probably be discovered on soils, and it may well be improving as air pollution has been lessening over the past 10-15 years.

The lichens resemble those of the nearby Bradgate Park but the latter site is subject to considerable trampling and burning.

Ref:92,148

HOLWELL STEELWORKS

Leicestershire

GRADE 4  
43/73-24-

Area: 300m long                      Altitude: 100m  
Geology: rail ballast impregnated with iron  
Owners: CEGB  
Total taxa: 25

The site extends from SK725200 to SK728208. A very unusual area which is entirely man-made. The railway was used for iron-ore transport and the ballast is extremely mineral enriched. Only the southern end is overhung with trees, and then not seriously. In many places the soil-surface is completely covered with Cladonia species, often abundantly fertile. At the time of visiting (1979) the ground was more completely lichen-covered than any "natural" site in the county. The Cladonia assemblages are unusual and do not compare with any acidic or calcareous assemblages known elsewhere. The Cladonias include C.coniocraea, C.conoidea, C.fimbriata, C.furcata, C.glauca and C.pyxidata. Both C.conoidea and C.glauca are very rare in the midlands. Baeomyces rufus is also common. Rare (for the county) Angiosperms also exist at the site.

While not a natural habitat, this is an important refuge for lichens in region where lichens per se are rarely encountered.

The site is under serious threat from coal mining proposals, this being a potential spoil-dump for the new Belvoir Colliery.

Ref: 138

SAXELBY-HOLWELL

Leicestershire

GRADE 4  
43/52-15-

Area: 1km                              Altitude:  
Geology: railway ballast  
Owners: British Rail  
Total taxa: 51 from all substrata

A length of railway line used for rail-vehicle testing purposes, with brick and blue-brick parapets, concrete and rotting wooden sleepers. A large lichen flora was recorded from this undisturbed site. The railway ballast bears fertile Peltigera spuria and common Cladonia spp. The most interesting feature is the use of pumice-like ballast to stabilise the sides of this very deep cutting. On these stones, Stereocaulon vesuvianum and S.pileatum were found, together with siliceous Lecidea spp., Rhacomitrium and lichens associated with heathland mosses, such as Micarea lignaria, Bacidia sabuletorum, Toninia aromatica and Veizdaea leprosa. Fertile Peltigera spuria and P.hymenina were also common.

Like other Midlands sites, this area is considered to be a reservoir maintaining lichen populations which could spread elsewhere should conditions elsewhere in the region improve. It compares with Hook Norton in the S.Midlands.

Ref: 138



LINWOOD WARREN

Lincolnshire

GRADE 4  
53/13-87-

Area:27 ha

Altitude:32-41m

Geology:Sands

Owners:Lincs Trust for Nature Conservation

Total taxa:59 from all habitats

The best remaining Lincolnshire heathland for lichens. It has a long history of visits by Lichenologists and has twice been visited by the BLS. The reserve has dry heath dominated by *Calluna* and coarse grasses, wet heath with *Molinia* and mature and developing woodlands of oak, birch and pine.

Notable species include *Cetraria islandica* frequent in one area (except for the one Norfolk site, this is the most SE British record for "Iceland Moss"). *Cladonia polydactyla* and *C.glauca* are also locally frequent.

Ref: 150,160,227

WHITENESS

Nairn

GRADE 4  
28/80-58-

Area:

Altitude:sea-level

Geology: Dunes

Owners:

Total taxa:25

Very little is known about this site. The team led by D.S.Ranwell surveyed it in the late 1970's recording a total of 25 terricolous lichens, a very high count compared with their other sites. Included was *Cladonia botrytes*. This suggests that the site has a very high potential and should be intensively surveyed as soon as possible.

Ref:174

BLAKENEY POINT

Norfolk

GRADE 4  
63/00-46-

Area:486 ha

Altitude:sea level

Geology: Flint shingle spit with sand dunes at the tip.

Owners:National Trust

Total taxa:56 recently but 106 in 1969.

The 7km-long shingle ridge is of little lichenological interest, lichens being best developed at the sandy western tip. Here shingle ridges are separated by "lows" and a dune system is developed on parts.

The lichens of the acidic dunes are predominantly Cladonia spp., 15 having been recorded. Extensive carpets are not found and luxuriance does not approach that at Holkham. Typical lichens include Cladonia arbuscula, C.chlorophaea, C.furcata, C.anomaea, C.portentosa, and C.ciliata var.tenuis. Usnea subfloridana, Evernia prunastri and Pseudevernia furfuracea also occur occasionally. The shingle ridges have a limited flora with Buellia punctata on pebbles. Bryoria fuscescens is locally abundant on Yankee Ridge. The shingle lows have a very limited flora, though this appears to have been much richer in the past. Currently, only Xanthoria parietina, Buellia punctata, Rinodina gennarii, Lecania erysibe and Lecanora atra are found. Only on the salt marsh fringe do normal marine lichens occur, Verrucaria ditmarsica and V.maura with Stigmidium marinum being locally abundant. The site is still richer than Orfordness but is much depleted since the time of McLean (1915) and observations made by Brown and Brown (1969). This may be a result of natural changes which could be cyclical in nature. Certainly the shingle appears to be very fresh and mobile at present.

Blakeney is no more than Regionally important at the moment with more dune species than Orfordness. The only visible pressure is that of visitor trampling.

Ref: 216

HOLKHAM (site complex) Norfolk  
includes Gun Hill (53/859458) and East Hills (53/92-46)

GRADE 4  
53/9--4--

Area: 4 ha Altitude: 0 to 5 m  
Geology: Coastal dunes, moderately calcareous, with flint shingle  
Owners: Holkham Estate, NCC lease -NNR  
Total taxa: 26 at E.Hill, 21 at Gun Hill

An extensive sand-dune system, largely planted with Corsican Pine. Lichen interest of most of the area is strictly limited, Cladonia foliacea and Peltigera membranacea being the commonest species. However, Gun Hill and East Hills, isolated dune systems at the eastern and western ends are noteworthy. East Hills has a stabilised shingle beach with a dune system. The dunes have extensive lichen carpets composed mainly of Cladonia arbuscula, C.ciliata var. tenuis and C.portentosa. Stabilised shingle has not been studied in detail but could be of more interest than the rather mobile shingle at Blakeney. A small area of shingle, partly covered with a thin layer of sand, has Usnea articulata growing upon Polytrichum piliferum associated with Bryoria fuscescens; an exceptional find for Eastern England. Shells and flints bear Sarcogyne regularis, Acarospora veronensis, Caloplaca lactea and Lecanora muralis.

At Gun Hill the lichen carpets are much less well developed, possibly reflecting the more calcareous nature of the dunes. Cladonia pocillum, C.rangiformis and Diploschistes muscorum grow here. Usnea articulata is also found here on soil. Fence posts bordering the site have Cliostomum graniforme and Cyphelium notarisii, both very scarce nationally.

The site is well protected, being a NNR but increasing recreational activity at Gun Hill could affect it.

LING COMMON Norfolk

GRADE 4  
53/65-23-

Area: Altitude: 15m  
Geology: Greensand  
Owners:  
Total taxa: 23 terricolous in 1968.

A wooded area of what was formerly Calluna heath, planted with pine and mostly birch. Open areas in the woodland have Cetraria islandica, the most south-easterly site in Britain of a species more commonly alpine and boreal. It occurs with Coelocaulon aculeatum and a good Cladonia flora. Cetraria islandica was recorded here in the mid-19th century and persisted up to 1932-33. It was refound at a nearby site during a BLS meeting in 1968 but that part has since been replaced by a golf course. Only in 1982 and 1983 has the species again been found. Live birches bear Parmeliopsis ambigua, confined to stumps elsewhere in E Anglia.

## WEETING HEATH

Norfolk

GRADE 4  
52/75-87-

Area: 14 ha

Altitude: 20m

Geology: Chalk, overlain by sands of various depths.

Owners: Norfolk Naturalists Trust, NCC -NNR

Total taxa: 29

A large area of grass-heath. The southern end is of greatest interest for lichens. This area is fenced and a high rabbit population is encouraged in order to entice stone curlews to nest. Although the lichens are less luxuriant than at Lakenheath and Thetford, a number of the Breckland specialities occur. These include Squamarina lentigera and Buellia asterella. Other species characteristic of this community are Catapyrenium lachneum, Diploschistes muscorum and Toninia caeruleonigricans. There is also a record for T.lobulata. The Cladonias are not well developed, only eight are known. Chalk pebbles have a limited flora including Petractis clausa, very rare in the Breckland, and Lecanora muralis, the "wild form".

The area is very well protected.

## HOLY ISLAND

Northumberland

GRADE 4  
46/13-42-

Area: 50ha

Altitude: 0 to 30m

Geology: Carboniferous Limestone and Whinstone (basalt) shingle with blown sand.

Owners: NCC-NNR

Total taxa: 60 from sand and pebbles.

A magnificent dune system 5km long is a major feature of the NNR on Holy Island. It appears to be fairly young with marram grass present throughout and shell fragments in the sand give it a pH over 6 so there is no development of grey dunes. In hollows and other places, where the sand becomes consolidated, a rabbit-grazed, bryophyte-rich pasture develops, within which the calcareous lichen species Agonimia tristicula, Bacidia muscorum, B.sabuletorum, Cladonia pocillum, C.rangiformis, Collema tenax, Leptogium lichenoides, L.sinuatum, L.turgidum and Peltigera rufescens can be found. Where organic matter or a living mat of pleurocarpous bryophytes is starting to build up over the surface, the slightly more acidic conditions (pH 5-5.7) locally allow entry of additional species such as Cladonia arbuscula, C.ciliata, C.portentosa, C.subulata, C.uncialis, Micarea denigrata and Peltigera canina. Fourteen Cladonia spp. have recently been recorded from the system but red-fruited taxa are rare. Limestone quarries adjacent to the dunes contain Catapyrenium lachneum, Diploschistes muscorum, Leptogium schraderi, Toninia caeruleonigricans and T.lobulata, which have failed to spread on to the sand, possibly because it is not sufficiently calcareous.





DOLEBURY WARREN

Somerset

GRADE 4  
31/450587

Area:4ha

Altitude:150m

Geology:Limestone

Owners:Somerset Trust for Nature Conservation

Total taxa:22 terricolous

An outstanding site for SW England comprising steep S-facing slopes on Carboniferous limestone below Dolebury Camp. The site includes limestone grassland, scree and rocky outcrops with soil-filled crevices.

The rare Cladonia convoluta is locally abundant. Other interesting species include Psora lurida, Cladonia foliacea, Squamarina cartilaginea, Solenopsora candicans, Bacidia muscorum, Tonia caeruleonigricans, Catapyrenium lachneum, Diploschistes muscorum and Cladonia tenuis.

The site may be threatened by scrub invasion.

RAF BAWDSEY

Suffolk

GRADE 4  
62/36-40-

Area:

Altitude:sea-level

Geology:Gravels

Owners:

Total taxa:

The area from Bawdsey to Bawdsey Manor has been surveyed in 1971. Soil at the base of the sea-cliffs bore 14 lichens, including Cladonia cariosa, C.subrangiformis and C.rangiformis, Collema tenax var.vulgaris and Lecidea erratica on stones.

The lichens do not appear to be outstanding, yet this is the only sea-cliff soil site known in E Anglia suggesting that these sites need more study. It has a counterpart at Hen Borth, Anglesey which is considerably richer.

CHOBHAM COMMON

Surrey

GRADE 4  
41/97-65-

Area:

Altitude:50-74m

Geology:Greensand

Owners: Common land

Total taxa: 15

A large area of Calluna with some areas of bracken, woodland and bogs with Ulex and Molinia. It is used by the public.

The small parts studied have revealed Cladonia zopfii at 41/995637 (in 1983), C.strepsilis associated with Erica tetralix on wet peat, and C.arbuscula and C.uncialis at 41/978638. These are unusual, especially so near to London suggesting affinities with the New Forest heaths and more boreal heathland in Scotland.

The site needs considerably more study.





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- BALMEDIE Aberdeenshire 38/9818 Grade 5  
 Extensive line of low sand dunes about 5km long. Twelve common lichen species reported including Peltigera spuria (ref 174). The site would repay further investigation.
- GORS GOCH Anglesey 23/493803 Grade 5  
 A local Nature Reserve of 1 km sq, acidic gritstone scarp with Calluna, Vaccinium, Pteridium etc, this may be the best remaining lowland heath on Anglesey. 60 spp., good range of Cladonia.
- PENLOS ROCK Anglesey 23/2081 Grade 5  
 Maritime cliff top heath including 23 terricolous species with Cladonia strepsilis.
- PENMON POINT Anglesey 23/6380 Grade 5  
 A small area of maritime limestone heath, heavily spray affected in parts, with local outcrops of siliceous rock. A representative lichen flora for this habitat.
- BARRY LINKS Angus 37/5430 Grade 5  
 A good range of Cladonia species was reported (ref 174) out of 23 lichens; a high count for this part of Scotland and deserving further visits.
- MACRIHANISH Argyll 16/63-20 Grade 5  
 A large area of dunes offering some promise and deserving detailed study. The seashore rocks have a good maritime flora
- THE GREEN Argyll, Tiree 07/9648 Grade 5  
 Cattle-grazed machair with siliceous rock outcrops; 19 terricolous spp. including Vezdaea aestivalis. It is endangered through trampling and grazing.
- AILSA CRAIG Ayrshire 25/0199 Grade 5  
 A small acid-heathland flora near the lighthouse has Parmelia spp. on soil with Cladonia. Leptogium britannicum and Microglæna muscorum are also recently recorded.
- BALLANTRAE SHINGLE BEACH Ayrshire 25/0882 Grade 5  
 A shingle beach noted for wildfowl. 55 species reported including Polyblastia agraria for the third time in Britain. Unusual lists of species reported from boot leather and timber (ref 139)
- BUCKLEBERRY COMMON Berkshire 41/560694 Grade 5  
 A large area of wet and dry heath, birch and pine scrub; 12 terricolous lichens.
- BURGHFIELD COMMON Berkshire 41/652662 Grade 5  
 (Also called Three Firs Pond, Wokefield Common and Burghfield Mortimer). A small, rich heath with 17 terricolous lichens, rich Cladonia flora for the area but frequently burnt.
- BURNHAM BEECHES Berkshire 41/9--7-- Grade 5  
 19 species reported with rich Cladonia development.

- CHAWLEY PITS                      Berkshire                      42/475042                      Grade 5  
Clay pits and sandy soils on a hill top site with a rich bryophyte flora. 12 terricolous lichens reported, plus saxicolous spp on clay. The epiphytic lichens are also interesting.
- TOWER HILL                      Berkshire                      41/9067                      Grade 5  
An area of heath and bog with conifer plantations. 18 lichens with a good range of Cladonia spp.
- TWYFORD RAILWAY BANKS                      Berkshire                      41/792757                      Grade 5  
Rare deposits of siliceous rock in the form of Slag beside a disused railway bearing Stereocaulon vesuvianum, unique in the county, and Rhacomitrium. (ref 37)
- St.ABBS HEAD                      Berwickshire                      36/90-69-                      Grade 5  
Cliff-top turf and wind-clipped vegetation supports terricolous lichens in a maritime situation including Anaptychia ciliaris, Bryoria fuscescens and Parmelia perlata.
- BORTH BOG                      Cardiganshire                      22/6292                      Grade 5  
Extensive wet bog of renowned ecological interest. The Cladonia communities are extensive and of oceanic type but lack rare species. The site is continually threatened by drainage, burning and agricultural pollution.
- ALDERNEY                      Channel Isles                                           Grade 5  
The Braye Bay, Mannez Garene and Mount Hale Battery areas, though small in size have Fulgensia fulgens on soil beside the sandy coastal track.
- JERSEY-QUENVAIS                      Channel Isles                                           Grade 5  
The site is not well known. Records of Fulgensia fulgens suggest that it is of high potential.
- PENTIRE HEAD                      Cornwall                      10/94-81-                      Grade 5  
Rocky coastal headland with wet, maritime heath, bearing a good range of species including Heterodermia leucomelos. 58 species from all habitats.
- St.MINVER LOWLANDS                      Cornwall                      10/930772                      Grade 5  
Dunes, rock outcrops in a sheltered estuary. 16 species from all habitats with Fulgensia fulgens community.
- BRYHER                      Cornwall, Scilly                      00/8717                      Grade 5  
Shipman Head: waved heath Calluna communities, Armeria tufts and rocks with rare Cladonia spp. (C.firma, C.conoidea, C.anomea) and rare rock species, 51 from all habitats.
- St.MARY'S                      Cornwall, Scilly                      00/8910                      Grade 5  
The Garrison: diverse heathland scrub and rocks around the Hotel with a scattered but diverse Cladonia flora including C.conoidea. It is threatened by trampling.
- ARNSIDE KNOTT                      Cumbria                      34/456774                      Grade 5  
Extensive (6km sq), elevated (522ft) limestone grassland with a good Cladonia flora with maritime elements, sheltered and exposed areas and good rock and tree lichen floras. Threatened by public access, the site would repay further study.

- BLACK BURN MINE Cumbria 35/7542 Grade 5  
A man-made, heavy metal spoil site. In 1976 this supported a large colony of Peltigera venosa, a species which is very rare in England.
- BRYN PEDW Denbigh 23/7981 Grade 5  
Thin, rendzina soils on limestone with a representative calcareous flora on soil and rocks. 68 spp recorded, 11 on soil.
- MINERA Denbigh 231--5-- Grade 5  
Extensive old mine workings, notable for an abundance of Cladonia cariosa, Sargosagium campestre, Bacidia muscorum and Vezdaea spp.
- MAGPIE MINE Derbyshire 34/1768 Grade 5  
Six ha of calcareous heathland associated with old mine workings. Acidic areas include Cladonia arbuscula, C.bacillaris, C.ciliata, C.glauca, C.subulata and C.uncialis, while heavy-metal rich areas have Vezdaea aestivalis, Bacidia muscorum and Peltigera spp.
- AXMOUTH-LYME REGIS Devon 30/300901 Grade 5  
Calcareous heath below sea-cliffs at Downland Cliffs, short turf and flint pebbles. Flint pebbles have noteworthy lichens, Downlands Cliffs area has representative Cladonia spp.; 89 spp. from all habitats. (ref 93)
- BAGGY Pt./CROYDE BAY Devon 21/4240 Grade 5  
Maritime heath with Pannaria pezizoides, Moelleropsis nebulosa etc.
- BERRY HEAD Devon 20/9456 Grade 5  
Maritime heath with calcareous pebbles, 85 spp. reported from all substrata (ref 27,153) but none particularly rare.
- BINDON HILL Dorset 30/838803 Grade 5  
Chalk hill summit near the sea with short turf on rendzina, in danger of too little grazing. 15 terricolous species, Microglaena muscorum and Bacidia herbarum being rare in the county.
- HARTLAND MOOR Dorset 30/9--8-- Grade 5  
31 lichens, 24 from soil; a 2km sq area of heath and bog subject to occasional fires and possible oil exploration. Cladonia anomaea, C.incrassata, C.mitis and Icmadophila ericetorum recorded, all rare in Dorset.
- LAMBERT'S CASTLE HILL Dorset 30/370986 Grade 5  
Heath and woodland on flint scree. Small lichen flora has been found of 11 terricolous species, none particularly rare.
- MORDEN DECOY Dorset 30/9191 Grade 5  
Calluna heathland both wet and dry with 21 lichens including Cladonia anomaea, C.strepsilis and Pycnothelia papillaria.

- PORTLAND BILL Dorset 30/6--7-- Grade 5  
 (Includes West Weaves and Church Ope)  
 Maritime limestone grassland, some quarried, with 9 soil lichens including Leptogium pusillum and Toninia lobulata. The rock lichens are very well developed.
- WINSPIT-St.ALBANS HEAD Dorset 30/9--7-- Grade 5  
 Limestone grassland on a cliff edge site, soil lichens being less well developed than those on rock but Leptogium schraderi is noteworthy.
- BELHAVEN BAY E.Loathian 36/6479 Grade 5  
 Includes Tynninghame Shore, Gullane, W Barns Links.  
 A strip of dune with lichens and bryophytes on turf between the seashore and the edge of a pine plantation: 22 lichens including Polyblastia agraria and Leptogium turgidum.
- YELLOWCRAIG E.Loathian 36/5386 Grade 5  
 Sand Dunes with 7 lichens recorded including Diploschistes muscorum (ref 174). The site would repay further investigation.
- KENFIG BURROWS Glamorgan 21/79-81- Grade 5  
 Calcareous fixed dunes with extensive slacks. Only 6 spp have been recorded but Diploschistes muscorum suggest that it needs more study.
- DUMBLETON DINGLE Gloucestershire 42/0136 Grade 5  
 (Hunthouse Colliery)  
 Disused coal spoil bears heathland species rarely reported for the county, in addition to interesting epiphytic floras.
- SETLEY-ROYDON HEATH Hampshire 41/309001 Grade 5  
 Wet and dry Calluna heathland in the SW part of the Trust Reserve. A small Cladonia flora of 13 species recorded.
- WOOLMER FOREST Hampshire 41/7--2-- Grade 5  
Calluna heath areas in deciduous woodland; 21 species with 18 Cladoniae.
- ORONSAY Hebrides 16/3487 Grade 5  
 33 lichens recorded from dune soils, including Cladonia bellidiflora, C.rangiferina, C.fragilissima and Pycnothelia papillaria (ref 174); the site would repay further investigation.
- NOMANSLAND COMMON Hertfordshire 52/17-12- Grade 5  
 A relic Calluna heath, rough grassland, woodland and gorse scrub. 18 spp recorded including Thelocarpon intermediellum, Lecanora saligna, Lecidea icmalea and L.oligotropha.
- HOTHFIELD COMMON Kent 52/969458 Grade 5  
 Small Calluna heathland, rich in Cladonia with open sandy areas and frequently burned. It resembles Lavington Heath but is less rich.
- BRADGATE PARK Leicestershire 43/52-10-  
 A large area of heathland with rocks with small areas of acid-lichen heath. The rocks and trees merit grade 4 status.

- HIGH SHARPLEY                      Leicestershire    43/45-17-                      Grade 5  
 A ridge extending westwards to Cademans Wood with rocky outcrops and patches of Calluna/Pteridium heath. Lichen development is best on High Sharpley with lush Cladonia development and Parmelia incurva on rocks; 43 species, 17 on soil.
- LONG CLAWSON-HOSE                      Leicestershire    43/745265                      Grade 5  
 Disused railway cutting extending for 1 km with good Cladonia, fertile Peltigera spuria and county rarities on ballast. 51 species recorded from all substrata.
- HILL-HOLE QUARRY                      Leicestershire    43/484105                      Grade 5  
 Also known as Markfield Quarry. A granite (type locality for Markfieldite) quarry, disused since about 1880, the upper level bearing intact Festuca rubra and Ulex heathland with boulders. Cladonia spp. are sparingly developed but terricolous Lecidea and saxicolous Umbilicaria polyphylla and U.deusta are abundant.
- SALTFLEETBY-THEDDLETHORPE    Lincolnshire    53/46-91                      Grade 5  
 The large area of dunes has a high potential but has been poorly surveyed.
- SCOTTON COMMON                      Lincolnshire    43/87-98-                      Grade 5  
 23 lichens were found on heathland in 1966 but only 12 in 1977. It may be a natural cyclical phenomenon.
- TWIGMOOR WARREN                      Lincolnshire    44/93-05-                      Grade 5  
 23 species have been consistently recorded annually since 1963.
- MORFA HARLECH                      Merioneth        23/5625                      Grade 5  
 Extensive area of calcareous sand dunes, with some Salix in slacks and siliceous sea-walls. 60 species recorded, including Rinodina conradii on rabbit dung; the site is in need of further study, it is threatened by trampling of holidaymakers.
- FINDHORN                      Morayshire        38/0565                      Grade 5  
 Wind-blasted maritime heath with procumbent Calluna. 22 terricolous lichens have been recorded. The lichen development is sparse but Bryoria spp. entangle the Calluna and Psoroma hypnorum grows upon the ground. It may be threatened by agricultural development.
- BRYANT'S HEATH                      Norfolk            63/260293                      Grade 5  
 Gorse-dominated heath with small areas of damp, peaty ground. A small Cladonia flora is developed, C.strepsilis being the only East Anglian locality.
- HOE SANDPIT                      Norfolk            53/987171                      Grade 5  
 An old sandpit adjacent to Calluna heathland with moderate to luxuriant Cladonia communities on bare sand. Cladonia cariosa is the only post-1960 Norfolk record. The site needs further study.
- HORSEY-WINTERTON                      Norfolk            63/4920                      Grade 5  
 The largest area of very acidic sand dunes in E.Anglia, with damp slacks bearing common but luxuriant Cladonia species.

- SCOLT ISLAND Norfolk 53/80-47- Grade 5  
 A large area of isolated calcareous dunes but with a limited lichen flora. The shingle beside creeks is of more interest having a curious community of Stigmidium marinum, Lecanora dispersa, Xanthoria parietina, Lecania erysibe and Buellia punctata on small stones. Polyblastia albida is on oyster shells.
- SNETTISHAM BEACH Norfolk 52/648305 Grade 5  
 A series of low, stabilised shingle ridges backing mud flats. It has been partly worked for gravel. Fragmentary Cladonia communities with pebble and shells colonised by some lichens and terricolous Pseudevernia furfuracea.
- SPARHAM COMMON Norfolk 63/073179 Grade 5  
 An area of washed sand, part of an old gravel pit, and interesting for normally corticolous lichens found on the ground, for example Evernia prunastri and Pseudevernia furfuracea. A good Cladonia flora was also noted in an otherwise agricultural area.
- DALLINGTON HEATH Northamptonshire 42/721639 Grade 5  
 22 Acres of dry, flat, sandy soil, the only extensive heathland left in the county, dominated by conifers and Pteridium. Some old Calluna is present. 26 lichens recorded including Cladonia arbuscula and Lecidea oligotropha.
- NASEBY COMMON Northamptonshire 42/670780 Grade 5  
 A very small area (100m sq) of Agrostis heath on acid soil with well-developed Cladonia flora.
- COALCLEUGH Northumberland 53/8045 Grade 5  
 An extensive area of mine workings (lead, inc and barium). A mixture of acidic and calcareous soils provide a wide range of terricolous species. Pannaria pezizoides, Baeomyces roseus (fertile), Cladonia cervicornis subsp. verticillata and Peltigera species.
- FUNZIE Shetland, E.Fetlar 68/67-90- Grade 5  
 Extremely acid quartzite rock bearing maritime heath dominated by Calluna. A poor but specialised lichen flora reported of 31 species. It is threatened by farming activity.
- WHITENESS Shetland, Mainland Grade 5  
 Limestone grassland with common soil species and a very good rock flora; 29 species reported.
- STIPERSTONES Shropshire 32/3699 Grade 5  
 Acidic soil on quartzite with a good soil flora with uncommon Cladonia species, also including Lecidea oligotropha and Pycnothelia papillaria.
- DUNKERY BEACON Somerset 21/887415 Grade 5  
Calluna-heath and blanket bog with a good range of Cladonia species in locally drier patches.
- PURN HILL Somerset 31/332572 Grade 5  
 Limestone crags with terricolous lichens. Cladonia convoluta and Squamarina cartilaginea are noteworthy.



- SAND POINT-MIDDLE HOPE Somerset 31/330663 Grade 5  
Carboniferous limestone heath with common terricolous species but less rich than Brean Down.
- WINSFORD HILL Somerset 21/87-34 Grade 5  
Large tract of fine Calluna-heath with well-developed Cladonia but with a low species diversity.
- THE ROACHES-HEN CLOUD Staffordshire 43/005621 Grade 5  
Millstone Grit, acidic heathland with Calluna, bearing 8 Cladonia species amongst a total of 50.
- DEADMANS GRAVE Suffolk 52/775745 Grade 5  
Breckland lichen flora on sand and chalk soil, vulnerable to changes in grazing management. 15 species reported including Lempholemma botryosum.
- TOBY'S WALK Suffolk 62/442745 Grade 5  
Old gravel working with a good and rich Cladonia heath. Micarea bauschiana and Lecidea oligotropha are noteworthy.
- WIMBLEDON COMMON Surrey 52/22-72- Grade 5  
Includes Putney Heath. A good Calluna heathland in very close proximity to London bearing 19 lichens. 8 species have been added since 1981, including Evernia prunastri, suggesting that the site is improving. The Calluna flora needs preserving from trampling and burning.
- BEACON HILL Sussex 41/8018 Grade 5  
Chalk downland with 17 terricolous lichens, especially on pebbles with Lecidea metzlerii.
- HEYSHOTT DOWN Sussex 41/8--1-- Grade 5  
Chalk downland with flint pebbles. 18 lichens recorded including Petractis clausa, 2 Collema and 2 Leptogium spp., Staurothele hymenogonia and Placynthium tantaleum.
- KINGLEY VALE Sussex 41/8795 Grade 5  
Chalk downland with flints, 26 lichens recorded, much richer than Beacon Hill with some rarities.

PAGHAM HARBOUR                      Sussex                      40/8896                      Grade 5  
Stabilised shingle around the mouth of the harbour bear good  
Cladonia floras and species unique to pebbles (Lecidea erratica).  
74 lichens recorded from all habitats, including fence posts and  
blackthorn.

REDPOINT                              W.Ross                      18/7369                      Grade 5  
Ten lichens were recorded from dunes (ref 174) suggesting  
that the site would repay further investigation.

HAXTON DOWN                          Wiltshire                      41/204507                      Grade 5  
Chalk grassland wth short turf with a "breckland-type" lich-  
en flora.

HARTLEBURY COMMON                  Worcestershire 32/8171                      Grade 5  
17 lichens recorded.

## REFERENCES

Citations are listed by their BLS Conservation Officer's identity number which is continuous with the system employed in the Woodland Report. The system is most convenient since many references are unpublished typescripts, often anonymous. Many of the same references are cited here which explains the gaps in the numbering sequence.

Where data has been obtained only from BLS/BRC recording cards no reference is given here. Instead, see the computer listing (Appendix 2) where a record card is indicated by the presence of a species total. In addition, a "proforma" or a map may exist, indicated by a "P" or an "M".

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Site Name		O.S. Grid	GRADE	YEAR
County		Parish/District		
Area	Altitude	Status		
Owner				

General Description/Sketch Map (data analysis overleaf)

Threats/Fragility

Management Needs

Owner informed ?

Research/Bibliography

Sites visited by / when

Site worth revisiting ?

Other Notes

Habitat Type (s)	Rarity	Age/Continuity	No Species	No Indicator Spp
Soils	Acid/base status	Minerals		Geology
Weather Factors				
Management Factors				
Communities Present			Luxuriance	
Geog/topographical Interest			Regional Interest (Local, County, Nat)	
Area of Interest			Total Rare Species	
Interesting Species / why (append list or mapping card)				

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

G	COUNTY	SITE NAME	GRID	HABITAT SUMMARY	BIBLIOGRAPHY	
YEAR			REF		SPP	P M
5 1984	Aberdeen	Balmedie	3898-18-	POTENTIAL INTEREST-Dunes	12	174
	Aberdeen	Cruden Bay	4808-35-	Dunes	1	174
2 1984	Aberdeen	Forvie	4803-27-	Dunes, seashore rocks, shingle	111	P M 174
	Aberdeen	Fraserburgh	4802-66-	Dunes	1	174
	Aberdeen	St Fergus	4811-52-	Dunes	4	174
	Aberdeen	Strathbeg	4806-80-	Dunes	7	174
3 1984	Anglesey	Aberffraw	2365-35-	Dunes	54	P M
4 1984	Anglesey	Bwrydd Arthur	2358-81-	Limestone heath, maritime	83	P M
4 1984	Anglesey	Cemlyn	2333-93-	Shingle	79	P M
5 1984	Anglesey	Gors Goch NR	23493803	Heath rocky	63	P M
4 1984	Anglesey	Hen Borth	23318929	Maritime heath	61	P M 224
6 1984	Anglesey	Holyhead Mt-S.Stack	2321-83-	Heath alt 130m	0	P M
6 1984	Anglesey	Llanddona	2358-79-	Heath rocky	12	P M
6 1984	Anglesey	Llandegfan Common	2357-74-	Heath	53	P M
6 1984	Anglesey	Mynydd Lwydiarth	2353-78-	Heath rocky	116	P M
3 1984	Anglesey	Newborough Warren	2340-64-	Dunes	47	P M
3 1984	Anglesey	Parys Mt	2344-90-	Copper Spoil	61	P M
5 1984	Anglesey	Penlos Rock	2320-81-	Maritime heath, cliffs	23	P M
5 1984	Anglesey	Penmon	2363-80-	Limestone maritime heath	150	P M
4 1984	Anglesey	Rhoscolyn	2327-74-	Maritime heath, seashore rocks	141	P M
7 1984	Angus	Arbroath	3763-39-	Dunes	2	174
5 1984	Angus	Barry Links	3754-30-	Dunes, Heath	24	P 174
3 1984	Angus	Kinnaber Links	3773-61-	Dunes, Pebbles	220	P M 220
6 1984	Angus	Lunan Bay	3769-51-	Dunes	1	174
	Argyll	Ardnae-Bellsgrave	17835658	Spoil - Site destroyed	0	83
	Argyll	Ardnae-Druim Leac a'	17862666	Spoil - Site destroyed	0	
	Argyll	Ardnae-Sanna	1743-68-	Dunes	3	174
	Argyll	Balnabraid	166--0--	Maritime heath	0	
	Argyll	Lismore	178--4--	Maritime limestone heath	0	
5 1984	Argyll	Macrahanish	1663-20-	Dunes, seashore rocks	102	174
5 1984	Ayrshire	Ailsa Craig	2501-99-	Maritime Heath	25	139
5 1984	Ayrshire	Ballantrae Shingle B	2508-82-	Shingle Beach	55	139
	Banff	Spey Bay Central	383--6--	Dunes	11	174
	Banff	Spey Bay East	383--6--	Dunes	14	174
	Banff	Spey Bay West	383--6--	Dunes	7	174
7 1984	Berks	Bagley Wood SSSI	42510020	Heath, Dak	2	P 145
6 1984	Berks	Broadmoor-Bagshot W	41875630	Heath	8	P 145
5 1984	Berks	Bucklebury Common	41560694	Heath	12	P 145
5 1984	Berks	Burghfield Mortimer	41652662	Heath	17	P 145
5 1984	Berks	Chawley Pits-Hurst H	42475042	Clay pits & Sand	12	P 145
6 1984	Berks	Finchampstead Ridges	41810634	Heath, Peat	11	P 37, 145
6 1984	Berks	Furze Hill Pits	41513737	Clay pits	4	P 145
6 1984	Berks	Gibbet Piece	4164-65-	Heath, peat	15	P 37, 145
6 1984	Berks	Hamstead Pk	41430663	Heath acid	6	P 145
	Berks	Inkpen-Walbury Hills	41365622	Chalk grassland	0	MS
4 1984	Berks	Snelmore Comm SSSI	4146-71-	Heath	22	P 145
5 1984	Berks	Tower Hill	4190-67-	Heath	18	P 145
5 1984	Berks	Twyford Railway Bank	41792759	Slag by railway	2	P 37, 145
	Berwick	Burnmouth South Coas	4696-60-	Heath	0	

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6	COUNTY	SITE NAME	GRID	HABITAT SUMMARY	SPP	P	M	BIBLIOGRAPHY
YEAR			REF					
5 1984	Berwick	St. Abb's Head	3690-69-	Maritime Heath	21	P		132
5 1984	Bucks	Burnham Beeches	419--7--	Heath	19	P		145
6 1984	Bucks	Kimble	4283-05-	Chalk grassland	3	P		37,145
4 1984	Caerns	Aberdaron Coastline	2332-20-	Maritime Heath	148	P		
2 1984	Caerns	Bardsey Island	2332-20-	Maritime Heath, rocks	298	P	M	194,195
6 1984	Caerns	Dinas Dinlle	23435567	Dunes, shingle	33	P	M	
4 1984	Caerns	Gt Ormes Head	2376-83-	Limestone heath	67	P	M	
	Caerns	Morfa Bwchan	23550368	Dunes	0			
	Caerns	Mynydd Cilan	23290249	Maritime Heath	0			
	Caerns	Plas-yn-Rhiw Estate	23237282	Maritime Heath	0			
4 1984	Caithnes	Dunnet	3921-69-	Dunes, machair	32	P	M	174
	Caithnes	Freswick	3938-67-	Dunes	2			174
7 1984	Caithnes	Reay	2997-65-	Dunes	2	P	M	174
	Caithnes	St Sinclairs Bay	3934-57-	Dunes	4			174
5 1984	Cardigan	Borth Bog	2262-92-	Heath, bog	0	P		
7 1984	Cardigan	Pembrey Forest	2238-03-	Heath	6			MS
5 1984	Chann Is	Alderney	398--8--	Maritime Heath, sandy rocks	0	P		
	Chann Is	Alderney Bray Bay			0			
1984	Chann Is	Guernsey	395--5--	Dunes	1			191
4 1984	Chann Is	Herm	396--5--	Dunes	1			191
5 1984	Chann Is	Jersey Quenvais	398--2--	Dunes	1			191
3 1984	Chann Is	Sark North end		Maritime Heath	1	P		
7 1984	Cheshire	Bidston Hill	3328-89-	Sandstone Heath, rocks	0			
	Cheshire	Caldy Hill	3323-85-	?	0			
	Cheshire	Chat Moss			0			
7 1984	Cheshire	Delamere Forest	3354-69-	Heath	0			
	Cheshire	Heswall Dales	3325-82-	?	0			
6 1984	Cheshire	Hilbre Islands	331--8--	Maritime rocks	10	P		
7 1984	Cheshire	Thurstaton Common	3323-85-	Sandstone Heath, rocks	0			
7 1984	Coll	Clabach	1718-59-	Dunes	7			174
	Coll	M Coll	1712-53-	Dunes	19			174
1 1984	Coll	NW Coll Complex	172--6--	Machair	27	P	M	183
1 1984	Coll-NW	Gallanach	1722-61-	Dunes	16			174,183
1 1984	Coll-NW	NW Coast	172--6--	Machair	23			183
2 1984	Coll-NW	Sorisdale	172--6--	Machair	27	P		183
2 1984	Colonsay	Garvard	1635-91-	Machair	26			174
2 1984	Colonsay	Kiloran Bay	1640-98-	Machair	10			174
2 1984	Colonsay	Leach Bhuidhe	1642-99-	Machair	27	P		192
2 1984	Colonsay	Loch Breac	1635-90-	Machair	61	P		192
2 1984	Colonsay	Oronsay	1634-87-	Machair, raised shingle beach	38	P		192
2 1984	Colonsay	Tobar Fuar	1635-93-	Machair	40	P		192
2 1984	Colonsay	Traig Ban, Kiloran Ba	1639-97-	Machair, Dunes	30	P		192
	Cornwall	Beeny Cliff	2012-94-	Maritime heath	0			
	Cornwall	Bodmin Moor	2015-80-	Heath, acid grassland	0			
	Cornwall	Cape Cornwall	1037-34-	Maritime heath, mine spoil	0			
	Cornwall	Chapel P'-Porthleven	10634252	Spoil heaps	0			
6 1984	Cornwall	Chapel P'-Porthtawen	1069-48-	Maritime heath, mine spoil	7		M	101
6 1984	Cornwall	Constantine	10860750	Dunes, Fulgensia	0			101
	Cornwall	Cubert	1077-60-	Dunes	0			

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6 YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	SPP P M	BIBLIOGRAPHY
	Cornwall	Godrevy	1060-43-	Maritime Heath	0	
	Cornwall	Burnards Head-Clodgy	10432385 ?		0	
7 1984	Cornwall	Holywell Bay	1075-59-	Dunes, Fulgensia	0	191
2 1984	Cornwall	Lizard Heathlands	1073-21-	Serpentine heath	12 P	185
2 1984	Cornwall	Lizard-Beagles Pt	10768166	Maritime serpentine heath	0	185
2 1984	Cornwall	Lizard-Goss Moor	1073-21-	Heath, Mineral spoil	0	185
2 1984	Cornwall	Lizard-Kynance Cove	1070-18-	Serpentine maritime heath	60 P M	185
2 1984	Cornwall	Lizard-Mullion Cove	10666179	Serpentine Maritime heath	0	185
2 1984	Cornwall	Lizard-Predannack	1066-16-	Serpentine Maritime heath	0	185
2 1984	Cornwall	Nare Head	1092-38-	Maritime Heath, rocks	180 P	
	Cornwall	Penborth, Treen Cliff	10400226	Maritime Heath, rocks	0	
2 1984	Cornwall	Penhale Sands	1076-56-	Dunes, Fulgensia	33 P M	101, 191
6 1984	Cornwall	Perran Sands	10772560	Dunes	15 M	
5 1984	Cornwall	Petire Common	1094-81-	Maritime heath	59 P	
	Cornwall	Porthgwarra Porderac	1036-23-	Maritime heath	0	
	Cornwall	Porthtawen	10695489	Dunes	7 M	101
	Cornwall	Rosemergy, Trevean	10415365	Maritime Heath	0	
	Cornwall	Rosennan Bay	2095-66-	Dunes, heath	0	
	Cornwall	St Antony-in-Roselan	1086-32-	Maritime Heath	0	
5 1984	Cornwall	St Minver-Brae Hill	1092-75-	Dunes, Fulgensia	19 M	101, 191
	Cornwall	West Penwith Moors	1048-38-	Heath	0	
	Cornwall	Wheal Penrose	10634252	Mineral spoil	0	
	Cornwall	Morrish More SSSI	3881-83-	POTENTIAL INTEREST	0	193
5 1984	Cumbria	Arnside Kn-Silverdal	34456774	Limestone heath	0 P	
5 1984	Cumbria	Black Burn Mine	3575-42-	Heavy metal spoil	0 P	187
2 1984	Cumbria	Coniston Lead Mines	34290987	Mineral Spoil	33 P	199
6 1984	Cumbria	Garrigill	35750424	Heavy metal spoil	0	187
	Cumbria	Helsington Barrows	34490900	Calc grassland	0	
3 1984	Cumbria	Ment Head	3578-43-	Heavy metal spoil	21 P	187, 199
2 1984	Cumbria	Ravenglass	340--9--	Shingle, Dunes	0 P	
5 1984	Denbigh	Bryn Pedw Nat. Res.	2379-81-	Heath calcareous	11	97
	Denbigh	Craig Fawr, Dyserth	33060805	Calc grassland	0	
5 1984	Denbigh	Minera	331--5--	Spoil	0	212
4 1984	Derby	Longstone Moor	4319-73-	Spoil heaps, Limestone heath	28 P	189
6 1984	Derby	Lungstone Edge	3419-73-	Heath and spoil	0	189
5 1984	Derby	Maggie Mine	3417-68-	Heath and spoil	0	189
4 1984	Derby	Tideslow Rake	3415-77-	Spoil	300	189
6 1984	Derby	White Rake	3419-74-	Spoil	0	189
	Devon	Ashculm Turbury	31147157	Heath	0	
5 1984	Devon	Axmouth-Lyae Regis	30300901	Maritime Heath, pebbles	89	93
5 1984	Devon	Aylsebeare, E. Dev. Peb	30061926	Heath	31	
5 1984	Devon	Baggy Pt-Croyde Bay	2142-40-	Maritime heath	3	29
	Devon	Beaford Moor	21580146	Heath	0	
5 1984	Devon	Berry Head	2094-56-	Maritime Heath	71	27 153
6 1984	Devon	Bolberry Down	2068-38-	Heath	39	
3 1984	Devon	Braunton Burrows	2145-35-	Dunes, Fulgensia	60	29, 191
	Devon	Bursden Moor	21267200	Heath	0	
	Devon	Castle Drogo	20723902	Heath	0	
6 1984	Devon	Dawlish-Exmouth Narr	20985795	Dunes	3	

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6 YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	SPP P M	BIBLIOGRAPHY
4 1984	Devon	Fingle Bridge	30742899	Heath	60	153
	Devon	Gittisham Common	30148970	Heath	0	
6 1984	Devon	Hares Down, Knowstone	21845213	Heath	0	
4 1984	Devon	Hartland Pt	2123-27-	Dunes	53 P	
6 1984	Devon	Heddons Complex	21650494	Dunes, rocks	106	
	Devon	Hense Moor	31175080	Heath	0	
	Devon	Hollow Moor	21475016	Heath	0	
	Devon	Maiden Down, Black Do	31087160	Heath	0	
	Devon	Okehampton Valley	20607935	Heath, acid	0	
	Devon	Powlers Piece	21374180	Heath	0	
3 1984	Devon	Slapton Ley NNR	20825441	Shingle	275 P M	196
6 1984	Devon	Stover Pk, Bovey, Chud	20825764	Heath	24	
	Devon	Thorne Moor	21413157	Heath	0	
	Devon	Tor Royal Bog		Heath, wet ?	0	24
	Devon	Walkham Valley	20480700	Heath	0	
6 1984	Devon	Watersmeet	21744487	Heath, Woodland	21	29
	Devon	Welcome V, Brownsham	21200157	Maritime Heath	0	
6 1984	Devon	Wembury Pt	20502482	Maritime Heath	3	
5 1984	Devon	Woodberry Common	3003-86-	Heath, Rocks	33	
5 1984	Devon	Woodbury Common	30031864	Heath	33	
3 1984	Devon A	Bolt Tail-Start Poin	20668398	Maritime heath	800	197
3 1984	Devon A	Bolt Tail-Start Pt	2072-36-	Maritime heath	141	197
3 1984	Devon A	Gammon Pt	30765360	Maritime heath	58	197
3 1984	Devon A	Prawle Pt	20773353	Maritime heath, rocks	860	197
6 1984	Dorset	Ballard Down	40030810	Chalk downland	5 P	MS
5 1984	Dorset	Bindon Hill	30838803	Chalk grassland	15 P	124, 145
3 1984	Dorset	Brownsea Island	4002-88-	Heath, sandy	41 P	124
4 1984	Dorset	Chesil Beach	306--7--	Shingle	13 P	124, 205
6 1984	Dorset	Fishpond Bottom	30363983	Heath wet	5 P	124
7 1984	Dorset	Hardown Hill	30405945	Heath	0 P	124
6 1984	Dorset	Hardy Monument	30613876	Heath, gravel pits	10 P	124
5 1984	Dorset	Hartland Moor	3094-85-	Heath, wet	24 P	124, 161
6 1984	Dorset	Holt Heath	4105-04-	Heath	11 P	124
6 1984	Dorset	Holton Heath	3091-95-	Heath	2 P	124
6 1984	Dorset	King Barrow	41095123	Heath, wet	10 P	124
5 1984	Dorset	Lambert's Castle Hil	30370986	Flint scree	11 P	124
5 1984	Dorset	Morden Decoy	3091-91-	Heath, wet, woodland	21 P	124
7 1984	Dorset	Peveril Pt	4003-77-	Maritime heath-urban developed	0	124, 161
5 1984	Dorset	Portland Bill	3067-68-	Maritime limestone heath	9 P	124
	Dorset	Slepe heath	3094-86-	Heath, wet	0 P	124, 207
2 1984	Dorset	Studland Heath	4001-84-	Dunes, pebbles	45 P M	124, 161, 188, 288
6 1984	Dorset	Throop Clump	30825923	Heath	12 P	124
7 1984	Dorset	W Bexington	30545865	Shingle	0 P	124
4 1984	Dorset	Winfrith heath	3080-86-	Heath, wet	23 P	124
5 1984	Dorset	Winspit-St Albans Hd	309--7--	Maritime limestone grassland	26 P	124
5 1984	E Loth	W Barns-Yellowcraig	3664-79-	Dunes	7	174
4 1984	E Loth A	Aberlady/Gullane	3646-82-	Dunes	105 P	174
4 1984	E Loth A	Belhaven Bay-Tynningh	3664-80-	Dunes	21	174
7 1984	Eigg	Bay of Laig	1747-88-	Machair	6 P	

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6 YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	SPP P M	BIBLIOGRAPHY
	Essex	Cockaynes Wood	6205-21-	Heath	0	
	Essex	Fingringhoe Wick NR	5292-84-	Sand, gravel workings	0	
	Essex	Shoeburyness Old Ran	TQ92-84-	Shingle	0	
6 1984	Essex	Wake Arms	5242-99-	Heath, Calluna-Betula	4	
	Fife	Dunbarnie	3648-99-	Dunes	6	174
6 1984	Fife	F1-Fife Ness	3763-10-	Dunes	1	
5 1984	Fife	F1-St Andrews/Buddo	3755-15-	Maritime soil, stones	141	42
4 1984	Fife	Tentsaur	3748-26-	Dunes, acid heath	59	174 43
	Glamorg	Bishopston Valley	21534875	Calc grassland	0	
	Glamorg	Cliff Cyn Castell	?		0	152
5 1984	Glamorg	Kenfig Burrows	2179-81-	Dunes, slacks	6	
	Glamorg	Nicholaston Burrows	21530877	Dunes	0	
	Glamorg	Ogmore Down	2288-76-	?	0	152
	Glamorg	Rhiw Forgan	?		0	152
	Glamorg	Rhossili Downs	21420900	Heath	0	
	Glamorg	S Gower Coast	21383878	Calc grassland	0	
	Glamorg	White Orr	?		0	152
	Glamorg	Whiteford Burrows	21445951	Dunes	0	
5 1984	Gloucest	Dumbleton Dingle	4201-36-	Coal spoil	49	88
3 1984	Hamps	A1-Butser Hill	4171-19-	Chalk grassland	61 P	179
3 1984	Hamps	A1-Oxenbourne Down	417--1--	Chalk grassland	22	
6 1984	Hamps	Browdown B Gosport	4057-99-	Shingle Beach	26 P	
6 1984	Hamps	Eaststoke Hospital	4074-98-	Dunes, heath	15	
6 1984	Hamps	Ludshott, Braamshott	41855350	Heath, lowland	0	
5 1984	Hamps	Micheldover Spoil He		Heath	0	
2 1984	Hamps	Porton Down	4121-35-	Chalk Grassland	85 P M	179
5 1984	Hamps	Portsdown Hill	41640066	Chalk grassland	12 P	179
	1984 Hamps	Sandy Pt, Hayling Isl	4074-98-	Shingle	0	
5 1984	Hamps	Setley-Roydon Heath	41309001	Heath lowland	15	
6 1984	Hamps	Shipton Bellinger	41239457	Chalk grassland	9 P	
	1984 Hamps	Shortheath Common	4177-36-	Heath	0	
6 1984	Hamps	Sinah Common	4069-994	Heath	14 P	
	1984 Hamps	Stockbridge Down	41379349	Chalk Downland	0	
5 1984	Hamps	Woolmer Forest	417--2--	Heath	22 P	
5 1984	Hamps IW	A1-Headon Warren	4030-85-	Heath	52 P	179
2 1984	Hamps IW	A1-Tennyson Down	4032-85-	Chalk down, Fulgensia	26 P M	191
	Hamps IW	Afton Brook, Compton	40345857	Chalk downland	0	
7 1984	Hamps IW	Ventnor	40575790	Chalk downland	0	
	1984 Hamps IW	West High Down	40310851	Chalk downland	0	
1 1984	Hamps NF	Beaulieu Rd. Station	4133-07-	Heath	0	
1 1984	Hamps NF	Denny Bog	4121-35-	Heath wet	26 P	157
1 1984	Hamps NF	Hale Pulieu, Millersf	41200180	Heath lowland	0	
1 1984	Hamps NF	Matley Heath	412--1--	Heath	34 P	157
1 1984	Hamps NF	New Forest Heathland	4119-26-	Heaths	33 P M	46, 157
1 1984	Hamps NF	Plaitford Common	4127-17-	Heath, lowland	48 P	
1 1984	Hamps NF	Ridley W (Harvest Sl)	4121-06-	Heath	33 P	46
1 1984	Hamps NF	Rushpole Wood	41302094	Heath	14 P	
	Hebrides	Barra-N Barra	0870-08-	Dunes	2	174
	Hebrides	Barra-W Barra	0865-00-	Dunes	5	174

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

G YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	SPP	P	M	BIBLIOGRAPHY
	Hebrides	Benbecula-Baleshare	0878-61-	Dunes	9			174
	Hebrides	Benbecula-Balranald	0871-69-	Dunes	4			174
	Hebrides	Benbecula-Berneray	0892-82-	Dunes	8			174
	Hebrides	Benbecula-Borve	0877-52-	Dunes	1			174
	Hebrides	Benbecula-Hosta	0873-76-	Dunes	3			174
	Hebrides	Benbecula-Kirkibost	0875-66-	Dunes	2			174
	Hebrides	Benbecula-Leathann	0885-81-	Dunes	3			174
	Hebrides	Benbecula-Monach Is	0862-62-	Dunes	7			174
	Hebrides	Benbecula-Pabbay	0888-88-	Dunes	19			174
	Hebrides	Benbecula-Paible	0873-68-	Dunes	0			174
	Hebrides	Benbecula-Robach	088--8--	Dunes	8			174
	Hebrides	Benbecula-Vallay	0877-76-	Dunes	2			174
	Hebrides	Harris-Barras	1935-53-	Dunes	7			174
	Hebrides	Harris-Eoropie	1952-67-	Dunes	0			174
	Hebrides	Harris-Luskentyre	1807-99-	Dunes	2			174
	Hebrides	Harris-Northton	0899-89-	Dunes	3			174
	Hebrides	Harris-Tolsta	1956-47-	Dunes	2			174
	Hebrides	Harris-Tong	1947-37-	Dunes	3			174
	Hebrides	Harris-Uig	1900-32-	Dunes	6			174
	Hebrides	Harris-Valtos	1910-37-	Dunes, Cladonia fragilissima	7			174
5 1984	Hebrides	Oronsay	1634-87-	Dunes	33			174
	Hebrides	S Uist-Daliburgh	0872-22-	Dunes	4			174
	Hebrides	S Uist-Howbeg	0874-37-	Dunes	0			174
	Hebrides	S Uist-Loch Bee	0874-45-	Dunes	5			174
	Hebrides	S Uist-Oraiclate	0873-32-	Dunes	0			174
	Hebrides	S Uist-Stilligarry N	0875-39-	Dunes	5			174
	Hebrides	S Uist-Stilligarry S	0875-38-	Dunes	0			174
	Hebrides	Vatersay-	1763-96-	Dunes	2			174
4 1984	Hertford	Ivinghoe Beacon	4296-16-	Chalk grassland	0	P		
5 1984	Hertford	Nomansland	52173125	Heath	0			
6 1984	Hertford	Royston Heath	423--3--	Chalk grass	0	P		
	Islay	Bun-an-Uillt Bogs	1629-69-	Heath wet	0		34	
	Islay	Cruach Mor Dunes	1630-54-	Dunes	0		34	
	Islay	Gruinart	1628-75-	Dunes	3			174
	Islay	Killinallin Dunes	16320725	Dunes	0			
	Islay	Laggan Bay	1632-52-	Dunes	20			174
	Islay	Loch Airidh Dhaibhai	1631-35-	Dunes	0			34
	Islay	Loch Tallant Fen	16333578	?	0			34
	Islay	Machir Bay	1620-63-	Dunes	4			174
	Islay	Saligo Bay	1620-67-	Dunes Psoroma hypnorua	1			174
3 1984	Isle Man	Point of Ayre	2540-00-	Dunes, Shingle	0			222
7 1984	Kent	Bookham Common		Heath	0	P		182
2 1984	Kent	Denge Beach Dungenes	610--1--	Shingle	138	P M		57,200
6 1984	Kent	Hayes Common	51412650	Heath	2	P H		
5 1984	Kent	Hothfield Common	51969458	Heath	0	P		
6 1984	Kent	Hythe Beach	6115-33-	Shingle	4			163
6 1984	Kent	Keston Common	51417638	Heath	5	P M		
7 1984	Kent	Petts Wood	51433691	Heath	0	P		
	Kent	Romey Warren	61085262	Heath, dunes	0			



BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	SPP	P	M	BIBLIOGRAPHY
7 1984	Kent	Sandwich-Pegwell Bay	61353585 ?		0			
1984	Kincard	St Cyrus	3777-64-	Dunes-POTENTIAL INTEREST	14			174
6 1984	Kircudbr	Brighthouse Bay	2563-44-	Dunes,rocky shore	65			
1984	Kircudbr	Lochvennie Moors	2571-86-	?	0			144
1984	Kircudbr	Maggot Hill,Dalry	2559-79-	Heath	0			
1984	Kircudbr	Tors Warren	251--5--	Dunes-POTENTIAL INTEREST	40			174
4 1984	Lancs	Ainsdale-Freshfield	3429-12-	Dunes	53	P		225
4 1984	Leics	Ashby Moulds-Moira	4332-15-	Coal Spoil	18	P	M	226
7 1984	Leics	Bardon Hill	4345-13-	Heath,rocks	3	P	M	
5 1984	Leics	Bradgate Park	4352-10-	Heath,Rocks	69	P	M	
4 1984	Leics	Charnwood Lodge NR	4346-15-	Heath	72	P	M	92,148
5 1984	Leics	High Sharpley	4347-15-	Heath,Rocks	43	P	M	213
5 1984	Leics	Hill-Hole Quarry	43484105	Heath	15	P	M	
5 1984	Leics	Hill-Hole Quarry	43484105	Heath,Rocks	73	P	M	
4 1984	Leics	Holwell Steel Works	4373-24-	Railway clinker	25	P	M	138
5 1984	Leics	Long Clawson-Hose	43746265	Railway clinker	40	P	M	Evans 1979
	Leics	Luffenham Golf Cours	43960028	Heath	2			MS
4 1984	Leics	Saxelby-Holwell	43724199	Railway clinker	510	P	M	138
6 1984	Leics	Shawell Gravel Pits	42537795	Spoil	15	P	M	148
6 1984	Leics	Stathern Sidings	43759288	Railway clinker	210	P	M	138
4 1984	Leics	The Brand	4352-15-	Spoil	19	P	M	92,148
6 1984	Lincoln	Ancaster-The Valley	4398-42-	Limestone	1	P		
6 1984	Lincoln	Gibraltar Point	5356-58-	Dunes	106	P	M	
	Lincoln	Kirkby Moor	53223624	Heath	0			
	Lincoln	Moor Farm	53221640	Heath	0			
	Lincoln	Rauceby Warren	5303-44-	Heath	0	P	M	
6 1984	Lincoln	Rigby Warren		Heath	16	P		
5 1984	Lincoln	Saltfleetby-Theddlet	53467917	Dunes	19		M	150
5 1984	Lincoln	Scotton Common	43870985	Heath	230	P	M	150,228
5 1984	Lincoln	Twigmoor Warren	4493-05-	Heath	0			166,215,228
	Lincoln	Woodhall Spa Golf Co	53210640	Heath	0			
4 1984	Lincs	Linwood Warren	5313-87-	Heath	59	P		150,160,227,228
	Merionet	Morfa Dyffrin	2356-25-	Dunes	0			
5 1984	Merionet	Morfa Harlech	2356-34-	Dunes, seawall,Salix	61			
7 1984	Middlese	Hampstead Heath	5227-87-	Heath	0			
	Middlese	Hounslow Heath	5114-76-	Heath	0			
	Middlese	Poorsfield,Ruislip	5111-88-	Heath	0			
	Moray	Culbin Bar	2892-60-	Dunes	13			174
1 1984	Moray	Culbin Sands	389--6--	Dunes	50	P	M	174
5 1984	Moray	Findhorn	3805-65-	Dunes	22			174
	Moray	Lossiemouth	3823-70-	Dunes	13			174
6 1984	Mull	Calgary Dunes	1736-51-	Dunes	1			142
2 1984	Mull	Laggan Deer Forest	176--2--	Heath,bog	77	P		142
4 1984	Nairn	Whiteness	2880-58-	Dunes	25			174
4 1984	Norfolk	Blakeney Point	6300-46-	Shingle-dunes	106	P	M	216
5 1984	Norfolk	Bryant's Heath	63260293	Heath,Clad strepsilis	9	P	M	
3 1984	Norfolk	Cawston/Marsham Heat	63160230	Heath	30	P	M	19,223
5 1984	Norfolk	Hoe Sandpit	53987171	Heath Clad cariosa	10	P	M	
6 1984	Norfolk	Holme-n-the-Sea	5370-44-	Dunes	0			

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6	COUNTY	SITE NAME	GRID	HABITAT SUMMARY	BIBLIOGRAPHY	
YEAR			REF		SPP	P M
5 1984	Norfolk	Horsey Winterton	6349-20-	Dunes acid	15	P M
4 1984	Norfolk	Ling Common	5365-23-	Breckland, Cetr islandica	23	P M
4 1984	Norfolk	N1-East Hill Wells	5392-46-	Heath	26	P M
4 1984	Norfolk	N1-Gun Hill Wells	53859458	Heath	21	P M
6 1984	Norfolk	Roydon Common	5368-22-	Heath	12	
5 1984	Norfolk	Scot Head	5380-46-	Shingle, Dunes	390	216h
5 1984	Norfolk	Snettisham Heath	53648305	Shingle	6	
5 1984	Norfolk	Sparham Pit	63073179	Heath, C. scabriuscula	10	P M
4 1984	Norfolk	Meeting Heath	52757879	Breckland	29	P M
5 1984	Northamp	Dallington Heath	42721639	Heath	26	P 217
5 1984	Northamp	Naseby Reservoir	42670780	Heath	13	P M
5 1984	Northumb	Coalcleugh	5380-45-	Heavy metal spoil	0	130
6 1984	Northumb	Fallowfield Mine	3593-67-	Heavy metal spoil	0	130
4 1984	Northumb	Holy Island	4613-42-	Dune, shingle	60	130 140
7 1984	Northumb	Honeycrook Mine	3582-65-	Heavy metal spoil	0	130
6 1984	Northumb	Settlingstones Mine	3585-68-	Heavy metal spoil	0	130
2 1984	Northumb	Slaggyford	356--5--	Heavy metal shingle-freshwater	35	P 130
	Notts	Budby South Forest	43615692	Heath	0	
	Notts	Clumber Park	4361-74-	Heath	0	
	Notts	Rainworth Heath	43590590	Heath	0	
	Notts	Spalford Warren	43833680	Heath	0	
	Notts	Walesby Heath	43665710	Heath	0	
	Orkney	Holland	6867-21-	Dunes	4	174
	Orkney	Overbister	6869-40-	Dunes	2	174
4 1984	Oxford	Hook Norton	43358316	Slag by old railway	6	P 37,145
4 1984	Oxford	Wytham	4383-05-	Limestone quarry soil	4	P 37,145
	Pembroke	Brooshill Burrows	218--0--	POTENTIAL INTEREST-Fulgensia	0	191
Y984	Pembroke	Freshwater West	12890000	Dunes	0	
3 1984	Pembroke	Gwaun Valley area	220--3--	Heath	98	P
	Pembroke	Lydstep Headland	21090976	Limestone heath	0	
	Pembroke	Marloes & Deer Pk	12758091	Maritime heath	0	
	Pembroke	Midland Is-Skomer	12748091	Maritime heath	0	
	Pembroke	P Clais-Porthlysky	12732234	Maritime heath	0	
7 1984	Pembroke	Priory Bay	211--9--	?, Fulgensia	0	191
2 1984	Pembroke	Skomer Island	2173-09-	Maritime Heath, rocks	179	P
	Pembroke	St David's Hd	12721278	Maritime heath	0	
	Pembroke	St. Davids-Newgale	12760240	Maritime heath	0	
1 1984	Pembroke	Stackpole Warren	1198-94-	Dunes, Fulgensia	58	P 191, 228
3 1984	Pembroke	Strumble Head	1289-41-	Maritime Heath, Rocks	112	P
3 1984	Rhum	Kilmory-Saahnan Insi	1837-04-	Machair	47	P 221
2 1984	Scilly	Appletree Banks, Tres	0089-13-	Dune Heath	65	P
2 1984	Scilly	Castle D-Kettle Pt	0088-16-	Waved heath	45	P
6 1984	Scilly	Chapel Down, St Marti	0094-15-	Waved heath	0	P
5 1984	Scilly	Shipman Head, Bryher	0087-15-	Waved heath	51	165
5 1984	Scilly	The Garrison, St Mary	0073-09-	Maritime Heath	0	P
	Scilly	The Gugh, St Agnes	0089-08-	Waved heath	0	
7 1984	Shetland	Brekin	6953-05-	Dunes	15	174
6 1984	Shetland	Fair Isle	6721-72-	Heath maritime, peat	30	Lich.3:171
6 1984	Shetland	Foula	5896-38-	Heath maritime, peat	20	Lich.3:220

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6	COUNTY	SITE NAME	GRID	HABITAT SUMMARY	BIBLIOGRAPHY	
YEAR			REF		SPP	P M
5 1984	Shetland	Funzie, E. Fetlar	6867-89-	Quartzite Heath	300	P
5 1984	Shetland	Mainland-Whiteness		Maritime Heath	29	P
7 1984	Shetland	Quendale	6837-13-	Dunes	4	174
7 1984	Shetland	Scouseburgh	6838-18-	Dunes	1	174
6 1984	Shrops	Corndon Hill	3230-96-	Heath acid	4	159
6 1984	Shrops	Long Mynd	3241-93-	Heath	0	102 159
5 1984	Shrops	Stiperstones The Bog	32357978	Heavy metal spoil	0	158, 186
2 1984	Somerset	Brean Down	3128-59-	Calc grassland, Fulgensia	72	P 191
7 1984	Somerset	Brilly Common	31256155	Heath	1	P
6 1984	Somerset	Brown Down, Otterford	31233135	Heath-Calluna/Molinia	6	
4 1984	Somerset	Charterhouse Lead Mi	3150-55-	Spoil lead	90	P 218
4 1984	Somerset	Dolebury Warren SSSI	31450587	Limestone Grassland	22	P
5 1984	Somerset	Dunkery Beacon	21887415	Heath, Blanket Bog	13	P
6 1984	Somerset	Eaber Combe, Exford	2185-41-	Heath, Bog	11	P
	Somerset	Holnicote Estate	2188-44-	Heath	0	
5 1984	Somerset	Purn Hill, Bleasdon	31332572	Limestone heath	32	
6 1984	Somerset	Quantock Hills	3114-38-	Heath	13	P
5 1984	Somerset	Sand Pt, Middle Hope	31323659	Limestone heath	38	P
5 1984	Somerset	Winsford Hill	2187-34-	Heath	12	P
2 1984	St Kilda	Village Bay	0809-99-	Maritime Grassland, rocks	194	P 190
	Stafford	Cannock Chase	339--1--	POTENTIAL INTEREST-Heath	0	
5 1984	Stafford	Roaches-Hen Cloud	43005621	Heath upland ?	1	90 131
6 1984	Suffolk	Benacre Ness	62536839	Shingle	3	P
6 1984	Suffolk	Blaxhall Common	6237-57-	Heath	5	P
6 1984	Suffolk	Cavenham Heath	5276-69-	Breckland	0	
5 1984	Suffolk	Deadman's Grave	52775754	Breckland	15	P
	Suffolk	Dunwich N Trust R	6271-48-	Heath	0	
6 1984	Suffolk	Hollesley Heath	6235-46-	Heath	6	P 154
2 1984	Suffolk	LW-Foxhole Heath		Breckland	0	154
2 1984	Suffolk	LW-Lakenheath Coiple	5275-80-	Breckland	47	P M 154, 204
2 1984	Suffolk	LW-Wangford Warren	52757841	Breckland	24	P 149
6 1984	Suffolk	Landguard Common LNR	6228-32-	Shingle	1	P
7 1984	Suffolk	Minsmere NR	6247-66-	Heath acid grassland	0	
	Suffolk	N Warren NR	6247-63-	Grassland acid	0	
3 1984	Suffolk	Orford Ness	6244-48-	Shingle	36	P
	Suffolk	RAF Bawdsey	62475638	POTENTIAL INTEREST-Shingle	1	P
6 1984	Suffolk	Shingle Street	6236-42-	?	0	154
6 1984	Suffolk	Sizewell Beach	6247-62-	?	0	
3 1984	Suffolk	Thetford heath	5283-83-	Breckland	29	P 154
	Suffolk	Thorpeness Beach	6247-60-	?	0	
5 1984	Suffolk	Tobys Walks	624--7--	Heath, gravel	4	P
	Suffolk	Tunstall Common SSSI	6237-54-	Heath	0	
	Suffolk	Walberswick NNR	6248-75-	Heath acid grassland	0	
	Suffolk	Westleton Heath NNR	6245-69-	Heath	0	23
3 1984	Surrey	Box Hill-Juniper Top	51183526	Chalk grassland	32	P 181
4 1984	Surrey	Chobham Common	419763--	Heath, Clad strepsilis	12	P
4 1984	Surrey	Hankley Common	4189-42-	Heath	22	P
6 1984	Surrey	Richmond Park			0	
3 1984	Surrey	Thursley Common	4190-41-	Heath acid	47	P

BRITISH LICHEN SOCIETY LOWLAND HEATHLAND SITES

6	COUNTY	SITE NAME	GRID	HABITAT SUMMARY	BIBLIOGRAPHY	
YEAR			REF		SPP	P M
5 1984	Surrey	Wimbledon Common	5122-72-	Heath	19	P
2 1984	Sussex	Ambersham-Heyscott C	4191-19-	Heath	41	P M
3 1984	Sussex	Ashdown Forest	51465293	Heath	28	P
5 1984	Sussex	Beacon Hill	4180-18-	Chalk grassland	17	
	Sussex	Hesworth Common	5100-19-	?	0	
4 1984	Sussex	Iping-Trotton Comm	4185-21-	Heath	25	P
5 1984	Sussex	Kingley Vale NR	418--1--	Chalk Downland	29	
3 1984	Sussex	Lavington Common	4194-18-	Heath	55	P
5 1984	Sussex	Pagham Harbour	4088-96-	Shingle	75	180
3 1984	Sussex	Seven Sisters	505--9--	Chalk Downland, maritime	17	
6 1984	Sussex	Windover Hill	5154-03-	Chalk Downland	17	
6 1984	Sutherland	A1-Oldshore Beg	2919-58-	Machair	1	71
4 1984	Sutherland	A1-Oldshore More	2928-58-	Dunes	21	71, 174
3 1984	Sutherland	A1-Sheigra	2919-61-	Dunes, machair	7	174
	Sutherland	Achnahaird	2900-14-	Dunes	6	174
7 1984	Sutherland	Balnakeil An Fharaid	2939-68-	Dunes, very mobile	3	71
3 1984	Sutherland	Balnakeil Bay South	29373668	Maritime heath, limestone Macha	123	P M 71
	Sutherland	Bettyhill	2971-62-	Dunes	16	174
2 1984	Sutherland	Cuthill Links	2875-88-	Dunes, pebbles	111	P M 174
	Sutherland	Dornoch	2881-91-	Dunes	12	174
	Sutherland	Durness	2941-68-	Dunes	11	174
7 1984	Sutherland	Faraid Head	2939-71-	Dunes	1	71, 174
6 1984	Sutherland	Farr Bay	2971-62-	Dunes	5	174
3 1984	Sutherland	Ferry-Coul Links	2881-95-	Dunes, pebbles	138	P M 174
2 1984	Sutherland	Invernaver NNR	296--6--	Machair, Maritime Heath	162	P M
6 1984	Sutherland	Kearvaig, Cape Wrath	2929-72-	?	0	71
6 1984	Sutherland	Loch Aisir	2919-60-	?	0	71
6 1984	Sutherland	Melvich	2988-75-	Dunes	8	174
7 1984	Sutherland	Moin House	2952-59-	?	0	71
3 1984	Sutherland	Oldshore-Sheigra	292--5--	Machair, maritime rocks	0	
7 1984	Sutherland	Sandwood	2922-65-	Dunes	9	174
6 1984	Sutherland	Sandwood Loch	2922-64-	?	0	71
6 1984	Sutherland	Sgribhis Bheinn	29320700	?	0	71
6 1984	Sutherland	Strathy	2983-69-	Dunes	4	174
6 1984	Tiree	Balevullin	0793-45-	Machair	15	P 183
6 1984	Tiree	Barrapol	0794-42-	Machair	12	P 183
6 1984	Tiree	Golf Course	1705-47-	Machair	19	P 183
	Tiree	N Tiree	079--4--	Dunes	4	174
5 1984	Tiree	The Green	0796-48-	Machair	19	P 183
	Tiree	Tiree-Crossapol	1700-43-	Dunes	3	174
	Tiree	W Tiree	079--4--	Dunes	7	174
5 1984	W Ross	Redpoint	1873-69-	Dunes	10	174
	Nexford	Ballyteige Burrows	028--6--	Dunes, Fulgensia	0	191
6 1984	Wilts	Beacon Hill, Bulford	4120-44-	?	0	76
	Wilts	Cherihill Down	41046694	Chalk downland	0	
	Wilts	Cley Hill	31838450	Chalk downland	0	
5 1984	Wilts	Haxton Down	41204507	?	0	76
6 1984	Wilts	Sidbury Hill	4121-50-	?	0	76
	Wilts	Whitesheet Down	31805355	Chalk downland	0	

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6 YEAR	COUNTY	SITE NAME	GRID REF	HABITAT SUMMARY	BIBLIOGRAPHY SPP P M
6 1984	Wilts NF	Hamptworth Common	4124-18-	Heath	8
6 1984	Wilts NF	Pound Botton	4121-17-	Heath	8
5 1984	Worcs	Hartlebury Common	3281-71-	Heath	27 219
6 1984	Yorks	Allerthorpe Common	447--4-- ?		0
6 1984	Yorks	Burton Leonard	4432-63-	Spoil, Magn-limestone	0
6 1984	Yorks	Skipwith Common	446--6-- ?		0