

PEATLAND ECOLOGY
IN THE BRITISH ISLES:
A BIBLIOGRAPHY

E. M. FIELD
D. A. GOODE

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PEATLAND ECOLOGY IN THE BRITISH ISLES: A BIBLIOGRAPHY

During the last twenty years there has been a rapid increase in the publication of ecological papers. This bibliography is intended to facilitate access by research workers to the large volume of published material dealing with the ecology of British and Irish peatlands, and also to provide those concerned with nature conservation with access to information on individual peatland sites.

The bibliography is intended to be as comprehensive as possible and to include all relevant material published prior to 1979. However there are probably some omissions of earlier work and also of papers published in local natural history society journals. It is inevitable that during the preparation of such a large bibliography there will be some mistakes, and we would be grateful if any errors or omissions could be notified to Dr. David Goode, at the Nature Conservancy Council.

The references are listed under 17 subject headings, and there is a cross-referencing system to enable the reader to locate references containing information on several topics. In addition there are author, species and site indexes. The contents of the sections are largely self-evident. However sections A and B, the regional accounts of peat deposits and vegetation descriptions, include only those references which deal in general terms with a large area; references which include information on the vegetation of a number of sites, or a restricted locality will be found in section C. Section D, peat development and stratigraphy includes only papers relating to peatland sites and does not include papers dealing with interglacial, marine, or lake basin peat deposits. The sections on hydrology and chemistry include only those papers that are predominantly concerned with these topics, but if a reference giving a site description also contains information on the hydrology or chemistry of a specific site, it will be cross-referenced to the appropriate section. The bibliography does not include reports of societies' field meetings or county floras of either bryophytes or vascular plants. The majority of the entries have been seen by one of the authors, with the exception of the post-graduate theses which consequently are indexed using information contained in the titles. Undergraduate theses are not included.

Acknowledgements

We acknowledge with thanks the assistance of Miss S. Oldfield in extracting many of the more recent references, and in compiling the author index. The members of the Mires Research Group assisted with the preparation of the original draft, and we are especially indebted to the comments and additional references supplied by H.J.B. Birks, R.E. Daniels, P.D. Moore, K.S. Simpkins, F.M. Slater and B.D. Wheeler. We are indebted to Miss S. Evans for her meticulous checking of the final manuscript.

This project was initiated when both authors were members of the former Nature Conservancy and was continued with the Nature Conservancy Council and the Institute of Terrestrial Ecology.

SECTION A

REGIONAL ACCOUNTS OF PEAT DEPOSITS



SECTION A. REGIONAL ACCOUNTS OF PEAT DEPOSITS

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SECTION B

REGIONAL VEGETATION DESCRIPTION

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SECTION D

PEAT DEVELOPMENT AND STRATIGRAPHY



SECTION D. PEAT DEVELOPMENT AND STRATIGRAPHY

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SECTION E

BRYOPHYTES: AUTECOLOGY AND DISTRIBUTION OF SPECIES



SECTION E. BRYOPHYTES: AUTECOLOGY AND DISTRIBUTION OF SPECIES

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SECTION F

SPHAGNUM TAXONOMY



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SECTION G

VASCULAR PLANTS: AUTECOLOGY AND DISTRIBUTION OF SPECIES



SECTION G. VASCULAR PLANTS: AUTECOLOGY AND DISTRIBUTION OF SPECIES

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PLANT PRODUCTION ECOLOGY

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<u>Calluna vulgaris</u>	C20, C97; D232; G7, G8, G9, G10, G11, G14, G15, G16, G17, G25, G40, G52, G66, G67, G80, G81, G102, G109, G110, G123, G132, G136, G146, G147, G149, G154, G162, G163, G177, G181, G206, G213; H1, H2, H3, H10, H11, H15, H17, H18, H19, H20, H21, H22, H23, H24, H25, H30, H31, H33, H34; I34, J35; L1, L41, L56; M39; N16
<u>Caltha palustris</u>	G219
<u>Calypogeia sphagnicola</u>	E54
<u>Camptothecium nitens</u>	E46
<u>Campylopus brevipilus</u>	E14
<u>setifolius</u>	E18
<u>shawii</u>	E58
<u>Carabidae</u>	I43; J13, J14, J37, J47
<u>Carex</u>	C165; H32
<u>appropinquata</u>	C149
<u>demissa</u>	G43
<u>flacca</u>	G60, G195
<u>flava</u>	G42
<u>lepidocarpa</u>	G43
<u>panicea</u>	G60
<u>Caropidae</u>	J62
<u>Carorita limnaea</u>	J19
<u>Cephalozia leucantha</u>	E43
<u>loitlesbergeri</u>	E42
<u>macrostachya</u>	E53
<u>pleniceps</u>	E41
<u>Cerambycidae</u>	J20
<u>Cerambyx</u>	J20
<u>Cercopidae</u>	I17; J49, J63, J64
<u>Cervus elaphus</u>	J6
<u>Chilopoda</u>	I34
<u>Chironomidae</u>	I11
<u>Chrysophanus dispar</u>	J7, J51, J52
<u>Cladium mariscus</u>	G44, G45, G46, G47, G48, G49, G50
<u>Cladocera</u>	I20, I34, I41
<u>Clethrionomys glareolus</u>	I29
<u>Climacium dendroides</u>	E15
<u>Clubionidae</u>	I49
<u>Coenagriidae</u>	J42, J50
<u>Coenophila subrosea</u>	J26
<u>Cognettia sphagnetorium</u>	J40, J41, J59, J60

<u>Coleophora alticolella</u>	I16, I17, I18; J39
Coleoptera	I1, I12, I20, I30, I34, I37, I42, I43, I60, I61; J13, J14, J20, J22, J37, J47
Collembola	I18, I34, I38, I39, I40, I45, I54, I55; J1, J2, J31, J32; Q7
<u>Coniosternum tinctinervis</u>	J48
Copepoda	I34
Corixidae	I19, I20; J58, J66
Crustacea	I120, I34, I41
<u>Cryptothallus mirabilis</u>	E21
Culicidae	I34
<u>Dactylorchis</u>	G103
<u>traunsteineri</u>	G126 See also: Orchis traunsteineri
Damselflies	J42, J50
<u>Deschampsia flexuosa</u>	G83, G84, G85, G171
<u>Dianthus armeria</u>	C173
Diatoms	K24
<u>Dicranum</u>	E16
<u>undulatum</u>	E20
Diplopoda	I34
Diptera	I11, I15, I17, I18, I32, I33, I34, I36, I37, I42, I56, I60; J5, J11, J12, J23, J24, J25, J29, J30, J36, J48
<u>Dolomedes plantarius</u>	J16, J17
Dragonflies	See Anisoptera
<u>Drepanocladus</u>	E36
<u>Drosera anglica</u>	J65
Dysderidae	I49
Dytiscidae	J22
Earthworm	I65
<u>Eleocharis palustris</u>	G204, G205
<u>uniglumis</u>	G204
<u>Empetrum nigrum</u>	D28; G18, G19, G20, G57; H11
Enchytraeidae	I18, I57, I63, I64; J40, J41, J54, J55, J56, J57, J59, J60; Q12
Entomostraca	I34
Ephemeroptera	I34, I42
<u>Epilobium hirsutum</u>	G172, G173, G174, G175, G176
Ericaceae	G136, G154, G163, G180, G181
<u>Erica cinerea</u>	G8, G9, G10, G11, G12, G39, G102, G119, G120, G121, G122, G136, G154
<u>tetralix</u>	C97; G8, G9, G10, G11, G13, G25, G39, G102, G119, G120, G122, G132, G136, G154, G177, G178, G179; H11; L43, L56; M39

<u>Eriophorum angustifolium</u>	C20; G5, G25, G63, G65, G69, G70, G153, G157, G158, G159, G160, G161; H11
<u>gracile</u>	C145; G170
<u>latifolium</u>	G111
<u>vaginatum</u>	D232; G25, G71, G72, G73, G74, G78, G123, G155, G198, G208; H10, H13, H15, H23; M1
<u>Eurhynchium striatum</u>	E15
<u>Filipendula</u>	G64
<u>Frangula alnus</u>	G68
Fungi	J40; K1, K6, K8, K9, K11, K16, K21, K33, K34, K44, K46, K47
<u>Gentiana pneumonanthe</u>	G150
<u>Glyceria</u>	G29
<u>maxima</u>	G34, G35, G36, G127, G128, G129, G214
Gnaphosidae	I49
Gyrinidae	I20
Harvestmen	I34, I46
Hemiptera	I17, I19, I20, I34, I37, I42, I50, I51, I52, I56, I60, I61, I68; J35, J49, J58, J62, J63, J64, J65, J66
Heteroptera	I19, I20, I34, I50, I51, I52, I61; J58, J66
Hirudinea	I34
Homoptera	I68; J35, J49, J62, J63, J64, J65
Hydrobiotica	I34
Hydrocorisae	I50
<u>Hydroporus longicornis</u>	J22
<u>Hylocomium squarrosus</u>	E15
Hymenoptera	I34, I37, I42, I56, I60, I61; J4, J46
<u>Hypnum cupressiforme</u>	E15
<u>schreberi</u>	E15
Ichneumonidae	I34
<u>Iris</u>	G64
<u>pseudacorus</u>	G30, G201

<u>Juncus conglomeratus</u>	G165, G200
<u>effusus</u>	G3, G130, G131, G165, G200
<u>inflexus</u>	G165
<u>squarrosus</u>	C172; G198, G203, G209, G210, G211; G212; I16; J39; K35
<u>subnodulosus</u>	G165
<u>Lagopus scoticus</u>	H30, H31; I37, I70; J61
<u>Large Copper Butterfly</u>	I27; J7, J18, J21, J51, J52
<u>Lathyrus palustris</u>	G124
<u>Lepidoptera</u>	I16, I17, I18, I21, I27, I28, I34, I37, I39, I42, I44, I47, I56, I59, I60; J7, J15, J18, J21, J26, J34, J39, J51, J52
<u>Lepus timidus</u>	G213; H31; J33, J61
<u>Libellulidae</u>	J43, J53
<u>Lichens</u>	B22; C94; D204
<u>Linyphiidae</u>	I13, I14, I18, I62; J19
<u>Lumbricidae</u>	I18, I65, I66
<u>Lycaena dispar batavus</u>	I27; J18, J21
<u>Lycosidae</u>	I14, I18
<u>Lymantriidae</u>	J34
<u>Lythrum salicaria</u>	G172, G173, G174, G175, G176
<u>Macrosteles alpinus</u>	I68
<u>Marasmius androsaceus</u>	J40
<u>Mecoptera</u>	I34, I56
<u>Meesia longiseta</u>	D58
<u>tristicha</u>	E65
<u>Menyanthes trifoliata</u>	G5, G53, G54, G107, G108, G202; L4
<u>Micromys minutus</u>	I29
<u>Microtus agrestis</u>	I29
<u>Mites</u>	I45; Q1
<u>Mnium punctatum</u>	E15
<u>Molinia caerulea</u>	C20, C97; G5, G25, G31, G33, G37, G74, G75, G76, G77, G78, G102, G114, G117, G118, G132, G133, G177, G178, G179, G198, G207; H9, H32; I45; L4, L43, L56; M1, M39
<u>Mollusca</u>	D233; I6, I34
<u>Molophilus ater</u>	I17; J29, J30, J36
<u>Mosquitoes</u>	I34
<u>Mycorrhiza</u>	G14, G154, G163, G180, G181
<u>Myrica gale</u>	G6, G26, G27, G59, G189, G215; L56

<u>Nardus stricta</u>	G183, G198
<u>Narthecium ossifragum</u>	C20; G25, G58, G102, G152, G190, G191, G192, G193, G194; H29, H35, H36
Nematoda	I2, I3, I4, I18; J2
<u>Neophilaenus exclamationis</u>	J63, J64
<u>lineatus</u>	I17; J49, J63, J64
Neuroptera	I34, I37, I42, I53, I61
Noctuidae	J26
<u>Nuphar x intermedia</u>	G105
<u>lutea</u>	G105
<u>pumila</u>	G105
<u>Nymphaea alba</u>	G106
Odonata	I31, I34, I35, I42, I53; J10, J42, J43, J44, J45, J50, J53, J58
Oligochaeta	I18, I34, I57, I63, I64, I65, I66; J40, J41, J54, J55, J56, J57, J59, J60; Q12
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<u>Ophrys insectifera</u>	G169
<u>Orchis purpurella</u>	G86
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<u>Orgyia antiqua</u>	J34
<u>Orthetrum caeruleescens</u>	J43
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Ostracoda	I34
<u>Papilio machaon britannicus</u>	I21, I44; J15
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<u>Philaenus spumarius</u>	J49
<u>Philonotis fontana</u>	E14
<u>Phragmites communis</u>	D232; G4, G34, G35, G36, G56, G58, G61, G87, G88, G89, G90, G91, G92, G93, G94, G95, G96, G97, G98, G99, G100, G101, G127; H16, H28; K46
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<u>Pinus sylvestris</u>	G32, G38, G145, G149
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<u>Pleurozium schreberi</u>	E15, E37, E38
<u>Polygala serpyllacea</u>	G102
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<u>Polytrichum commune</u>	E1, E2, E3, E10, E13
<u>Porotrichum alopecurum</u>	E15
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Protozoa	I34; K5, K25, K26, K27, K28
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<u>Psylloidea</u>	J35
<u>Pteridium aquilinum</u>	G31
<u>Pyrrhosoma nymphula</u>	J42
<u>Rana temporaria</u>	J3, J38
<u>Rhabdocoelida</u>	I34
<u>Rhacomitrium lanuginosum</u>	E60, E61, E62, E63
<u>Rhamnus cathartica</u>	C61; G68
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<u>Rhizopoda</u>	K5, K26, K27, K28
<u>Rhytidiadelphus squarrosus</u>	E15
<u>Rubus chamaemorus</u>	C162; G134, G135, G196, G197; H17, H23
<u>Salix atrocinerea</u>	G6
<u>fragilis</u>	G6
<u>repens</u>	G6
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<u>Sandaliorhyncha</u>	I34
<u>Sawflies</u>	I34, I61
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<u>Schoenus nigricans</u>	G21, G22, G23, G62, G63, G151, G184, G185, G186, G187, G188; H9
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<u>balticum</u>	E39
<u>capillifolium</u>	F9
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<u>cuspidatum</u>	E11, E12, E27, E32; H4, H5; M2
<u>dusenii</u>	E39
<u>fimbriatum</u>	E27
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<u>fuscum</u>	E7; L5
<u>imbricatum</u>	C105; D195, D239; E9, E27, E31, E57
<u>lindbergii</u>	E49, E50
<u>magellanicum</u>	E12; K12
<u>nemoreum</u>	E26, E44
<u>palustre</u>	D232; E27
<u>papillosum</u>	C21; E12, E27, E32, E33; H4, H5; M2
<u>pulchrum</u>	E45, E55

<u>Sphagnum recurvum</u>	E23, E27, E55; H5
<u>riparium</u>	E22
<u>rubellum</u>	C21; E27; F9; H5, H8
<u>squarrosum</u>	E27
<u>strictum</u>	E6
<u>subnitens</u>	E40
<u>subsecundum</u>	E28, E30; F5, F8, F14
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Spiders	I13, I14, I18, I23, I24, I25, I26, I34, I46, I49, I62; J8, J16, J17, J19
Strepsiptera	I34
<u>Strophingia ericae</u>	J35
<u>Succisa pratensis</u>	G1, G2
Swallow-tail butterfly	I21, I44; J15
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Thomisidae	I49
<u>Thuidium tamariscinum</u>	E15
Thysanura	I34
<u>Tipula</u>	J24
<u>ater</u>	I17
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<u>subnodicornis</u>	I17; J12
Tipulidae	I15, I17, I18, I32, I33; J5, J11, J12, J23, J24, J25, J29, J30, J36
<u>Tiso vagans</u>	I58
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<u>Trichophorum cespitosum</u>	C20; G25, G63, G102, G113, G198, G199; H11, H32
Trichoptera	I34, I37, I42, I53, I56
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ADDENDUM



ADDENDUM

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