

The Lancashire Biodiversity Action Plan

Long List of Species:

Plants



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Part I: Vascular plant species list and acceptance criteria with distribution by Local Authority

Scientific Name	Common Name	Habitat (PLANTATT ¹)	Species Selection Criteria ²							Distribution by Local Authority ³												Comments ⁴			
			1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu		Pe	Ro	
<i>Actaea spicata</i>	Baneberry	16					•	•		•															Ff2
<i>Agrimonia procera</i>	Fragrant Agrimony	1,3,6								•								•							Ff4(a) requires confirmation in Chorley
<i>Alchemilla acutiloba</i>	Lady's-Mantle	6	•															•							Ff1
<i>Alchemilla glaucescens</i>	Lady's-Mantle																								Ff1 Not in Lancs
<i>Alchemilla minima</i>	Lady's-Mantle	7					•			•															
<i>Alchemilla wichurae</i>	Lady's-Mantle	7	•					•			•														
<i>Alisma lanceolatum</i>	Alisma lanceolatum	13					•										•	•	•	•					Ff4(a)
<i>Allium oleraceum</i>	Field Garlic	7	•							•															Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Allium scorodoprasum</i>	Sand Leek	1,3,6					*			•						•								Ff4(b)
<i>Alopecurus aequalis</i>	Orange Foxtail	13					•	•				•							•					Ff3 extinct BwD
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	7					•			•				•			•	•						Ff3
<i>Anagallis minima</i>	Chaffweed	3	•				•			•				•										Ff3
<i>Anagallis tenella</i>	Bog Pimpernel	11					*			•	•	•					•	•						Ff4(b)
<i>Andromeda polifolia</i>	Bog Rosemary	12					*			•	•	•					•		•					Ff4(a)
<i>Antennaria dioica</i>	Mountain Everlasting	7,10						•				•												
<i>Anthriscus caucalis</i>	Bur Chervil	3,4,8					•							•			•							
<i>Aphanes inexpectata</i>	Slender Parsley-piert	8,16								•				•			•							Ff4(a)
<i>Apium graveolens</i>	Wild Celery	13								•	•						•							Ff4(b) 1990 at Martin Mere
<i>Asperula cynanhica</i>	Squinancywort	7					•			•														Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Asplenium marinum</i>	Sea Spleenwort	18					•			•														Ff3	
<i>Asplenium trichomenes</i> ssp. <i>trichomanes</i>	Maidenhair Spleenwort	Rock faces																			•				
<i>Asplenium viride</i>	Green Spleenwort	15,16					*			•											•			Ff3	
<i>Atriplex longipes</i>	Long-stalked Orache	21					•			•				•	•	•	•								Ff2
<i>Atropa belladonna</i>	Deadly Nightshade	1,3								•		•													Ff4(a)
<i>Baldellia ranunculoides</i>	Lesser Water-plantain	13,14	•				*			•	•			•											Ff4(a)
<i>Berberis vulgaris</i>	Barberry	1,3								•	•	•		•		•			•						Ff4(b) Intro to vc.59
<i>Blysmus compressus</i>	Flat-sedge	11	•	•			•			•				•											Ff3
<i>Blysmus rufus</i>	Saltmarsh Flat-sedge	21								•				•											Ff4(b)
<i>Botrychium lunaria</i>	Moonwort	7,16								•									•	•					Ff4(a) Possibly extinct BwD/H
<i>Brassica oleracea</i>	Wild Cabbage	17,18								•															Ff2 casual in vc.59
<i>Bromopsis benekenii</i>	Lesser Hairy-brome	1					•			•		•													Ff2

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(Last update December 2011)

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Bromopsis erecta</i>	Upright Brome	7								•												•		Ff3
<i>Bryonia dioica</i>	White Bryony	3						•				•					•							Not seen recently
<i>Calamagrostis canescens</i>	Purple Small-reed	11																•						Ff3
<i>Calamagrostis stricta</i>	Narrow Small-Reed	11	•	•															•					Ff1
<i>Calystegia soldanella</i>	Sea Bindweed	19		•							•		•											Ff3
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	1										•					•							Ff3 intro to WL
<i>Cardamine impatiens</i>	Narrow-leaved Bitter-cress	1,3	•							•														Ff2
<i>Carduus nutans</i>	Musk Thistle	6,7								•														Casual in WI and C
<i>Carduus tenuiflorus</i>	Slender Thistle	3,6								•	•			•										Ff4(b)
<i>Carex acuta</i>		River banks fen/reedbed								•		•									•			
<i>Carex bigelowii</i>	Stiff Sedge	15					•			•														Ff3
<i>Carex diandra</i>	Lesser Tussock-sedge	11	•				•			•		•												Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Carex digitata</i>	Fingered Sedge	1,16					•			•														Ff2	
<i>Carex elata</i>	Tufted-sedge	11								•	•			•											Ff4(a)
<i>Carex ericetorum</i>	Rare Spring-Sedge	7	•				*			•															Ff2
<i>Carex extensa</i>	Long-bracted Sedge	21								•	•														Ff4(b)
<i>Carex lasiocarpa</i>	Slender Sedge	11	•					•		•															Ff3
<i>Carex muricata</i>	Prickly Sedge	3,7,8								•	•	•							•						Ff4(a)
<i>Carex riparia</i>	Greater Pond-sedge	11,14					*			•		•		•		•	•	•							Ff3
<i>Carex strigosa</i>	Thin-spiked Wood-sedge	1,14					•			•		•		•	•			•							Ff3
<i>Carex vesicaria</i>	Bladder-sedge	11								•	•														Ff4(a)
<i>Carex viridula</i> subsp. <i>viridula</i>	Yellow-sedge	11,19					•			•				•											Ff3
<i>Carum verticillatum</i>	Whorled Caraway	11,14						•									•								Ff3
<i>Catabrosa aquatica</i>	Whorl-grass	13,14								•	•						•								Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Catapodium marinum</i>	Sea Fern-grass	18									•		•											Ff4(b)
<i>Centaurium littorale</i>	Seaside Centaury	19,21					*			•				•										Ff2
<i>Centaurium pulchellum</i>	Lesser Centaury	21								•	•			•			•							Ff4(a)
<i>Ceologlossum viride</i>	Frog Orchid	7						•		•														Ff3
<i>Cerastium arvense</i>	Field Mouse-ear	8												•			•							Ff3
<i>Ceratophyllum submersum</i>	Soft Hornwort	13								•														Ff3
<i>Cirsium acaule</i>	Dwarf Thistle	7					•			•														Ff3
<i>Cladium mariscus</i>	Great Fen-sedge	11					•			•														Ff3
<i>Clinopodium acinos</i>	Basil Thyme	16	•				•			•		•							•					Ff4(a)
<i>Cochlearia pyrenaica ssp pyrenaica</i>	Pyrenean Scurveygrass	Upland river banks/streams				•						•							•	•			•	
<i>Coincya monensis subsp. monensis</i>	Isle-of-Man Cabbage	3,17,19			•									•										Ff2

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³		
<i>Convallaria majalis</i>	Lily-of-the-valley	1,7								•	•	•													Ff4(a) As a native plant	
<i>Cornus suecica</i>	Dwarf Cornel	10,15	•	•				•											•						Ff3	
<i>Crambe maritima</i>	Sea-kale	19								•				•												Ff4(a)
<i>Crataegus laevigata</i>	Midland Hawthorn	1								•	•					•	•		•							Intro WL
<i>Crepis mollis</i>	Northern Hawk's-Beard		•																							Ff2 Not in Lancs
<i>Crithmum maritimum</i>	Rock Samphire	18								•	•		•	•												Ff3
<i>Cryptogramma a crispa</i>	Parsley Fern	10,15,16					*			•											•		*			Ff3 confirmation needed in Pendle
<i>Cynoglossum officinale</i>	Hound's-tongue	7,19	•				•			•			•	•		•	•									Ff3
<i>Cypripedium calceolus</i>	Lady's-Slipper	7	•	•			•			•																Ff1
<i>Dactylorhiza incarnate ssp. coccinea</i>											•			•												
<i>Dactylorhiza maculatum subsp. ericetorum</i>	Heath Spotted-orchid	12					*			•		•				*		*	•	*	*	*	*	*		Ff4(b) confirmation required – dubious records

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<i>Dactylorhiza purpurella</i>										•															
<i>Daphne mezereum</i>	Mezereum	1	•				•			•		•						•	•	•					Ff2 garden escapes C, Bd, H
<i>Diphasiastrum alpinum</i>	Alpine Clubmoss	15					•					•													
<i>Draba incana</i>	Hoary Whitlowgrass	7,16					•			•															Ff3
<i>Dryopteris aemula</i>	Hay-scented Buckler-fern	1,16					•			•									•						Ff3
<i>Dryopteris oreades</i>	Mountain Male-fern	15,16					•			•		•									•				Ff3
<i>Dryopteris submontana</i>	Rigid Buckler-fern	16					*			•		•													Ff2
<i>Eleocharis austriaca</i>	Northern Spike-rush	13,14										•													Ff1
<i>Eleocharis multicaulis</i>	Many-stalked Spike-rush	11,12.13						•		•															Ff3
<i>Eleocharis quinqueflora</i>	Few-flowered Spike-rush	11					*			•		•		•			•	•							Ff4(a)
<i>Eleocharis uniglumis</i>	Slender Spike-rush	11					•	•		•							•								Ff4(b) not seen WL 1991
<i>Elytrigia atherica</i>	Sea Couch							•																	?

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	11,16						•																Ff3 ?
<i>Epipactis atrorubens</i>	Dark-red Helleborine	16					*			•														Ff2
<i>Epipactis dunensis</i>	Dune Helleborine	19	•				•							•			•							Ff2
<i>Epipactis palustris</i>	Marsh Helleborine	11					*			•		•	•	•		•	•							Ff4(a)
<i>Epipactis phyllanthes</i>	Green-flowered Helleborine	19					•							•			•							Ff2 confirmation needed in C
<i>Equisetum fluviatile x palustre = E. x dycei</i>	A Hybrid Horestail	11,13								•									•					
<i>Equisetum fluviatile x telmateia = E. x willmotii</i>	Wilmot's Horsetail	11,13	•							•		•						•	•				•	
<i>Equisetum hyemale</i>	Rough Horsetail	1,11,14					•			•	•	•		•										Ff4(a)
<i>Equisetum palustre x telmateia = E. x font-queri</i>	A Hybrid Horestail									•		•						•					•	
<i>Equisetum variegatum</i>	Variiegated Horsetail	11,19					•			•		•		•										Ff2

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Eriophorum latifolium</i>	Broad-leaved Cottongrass	11					•				•	•										•		Ff3	
<i>Erodium lebelii</i>	Sticky Stork's-bill	19					•							•											Ff3
<i>Erodium moschatum</i>	Musk Stork's-Bill	3,4					•								•										
<i>Eryngium maritimum</i>	Sea-holly	19								•	•			•											Ff4(a)
<i>Euphorbia exigua</i>	Dwarf Spurge	4	•				*			•															Ff4(a)
<i>Euphorbia paralias</i>	Sea Spurge	19					*				•			•											Ff3
<i>Euphorbia portlandica</i>	Portland Spurge	18,19					•							•											Ff2
<i>Euphrasia rostkoviana subsp. rostkoviana</i>	Eyebright	6	•				•	•		•															Ff2
<i>Festuca altissima</i>	Wood Fescue	1,16								•	•	•				•		•	•						Ff4(b)
<i>Festuca brevipila</i>	Hard Fescue													•											Introduced?
<i>Festuca filiformis</i>	Fine-leaved Sheep's-fescue	8					•							•											Ff4(a)
<i>Festuca rubra subsp. juncea</i>	A Red Fescue						•			•															

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Filago minima</i>	Small Cudweed	16					•			•							•					•	•	Ff3
<i>Filago vulgaris</i>	Common Cudweed	3	•				*			•	•					•	•		•			•	•	Ff3
<i>Filipendula vulgaris</i>	Dropwort	7					*			•														Ff4(b) confirmation in vc.59
<i>Fumaria capreolata</i>	White Ramping-fumitory	3,16					*		•	•				•			•							Ff4(a)
<i>Fumaria purpurea</i>	Purple Ramping-Fumitory	3.4	•	•			*		•	•	•			•		•	•				•	•	•	Ff2 casual recently BU
<i>Gagea lutea</i>	Yellow Star-of-Bethlehem	1,3.14,16					*			•		•								•				Ff3
<i>Galeopsis angustifolia</i>	Red Hemp-nettle	4,16	•					•																Ff2
<i>Galium boreale</i>	Northern Bedstraw	7,16					•			•														Ff3
<i>Galium sternerii</i>	Limestone Bedstraw	7,16								•		•												Ff4(b)
<i>Genista anglica</i>	Petty Whin	10						•		•									•	•				Ff4(a)
<i>Gentianella amarella</i>	Autumn Gentian	7					•			•		•									•			
<i>Gentianella campestris</i>	Field Gentian	7	•					•		•														Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	3,7					*			•														Ff4(a)
<i>Geranium sylvaticum</i>	Wood Crane's-bill	6,16								•		•							•			•	•	Ff4(a)
<i>Glaucium flavum</i>	Yellow Horned-poppy	19					•			•				•										Ff4(a)
<i>Gnaphalium sylvaticum</i>	Heath Cudweed	3,10	•					•		•														Ff3
<i>Groenlandia densa</i>	Opposite-leaved Pondweed	13,14	•					•		•														Ff3
<i>Gymnadenia borealis</i>	Heath Fragrant-orchid						•					•												
<i>Gymnadenia conopsea</i>	Fragrant Orchid	7.11					*			•		•						•				•		Ff4(b)
<i>Gymnadenia densiflora</i>	Marsh Fragrant-orchid						•			•		•												
<i>Gymnocarpium robertianum</i>	Limestone Fern	16					*			•									•					Ff2
<i>Helianthemum nummularium</i>	Common Rock-Rose	7					•			•														
<i>Helleborus foetidus</i>	Stinking Hellebore	1,3					*			•														Ff2

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Helleborus viridis</i>	Green Hellebore	1,3					*			•		•			•	•		*							Ff4(a) chorley location to be verified- on border
<i>Hordelymus europaeus</i>	Wood Barley	1					•					•													Ff2
<i>Hordeum secalinum</i>	Meadow Barley	5					•							•	•	•	•								Ff3
<i>Huperzia selago</i>	Fir Clubmoss	15,16					•			•		•								•					Ff4(a)
<i>Hydrocharis morsus-ranae</i>	Frogbit	13					•			•		•		•	•	•	•	•	•	•	•				Ff3 PE to confirm
<i>Hymenophyllum tunbrigense</i>	Tunbridge Filmy Fern	16					•			•															
<i>Hymenophyllum wilsonii</i>	Wilson's Filmy-fern	1,16	•				•			•															Ff3
<i>Hyoscyamus niger</i>	Henbane	4	•					•		•				•											
<i>Hypericum montanum</i>	Pale St. John's-wort	1,3	•				*			•		•													Ff4(a)
<i>Impatiens noli-tangere</i>	Touch-me-not Balsam	1						•		•								•	•						Ff2
<i>Jasione montana</i>	Sheep's-bit	8,10					*			•				•			•		•						Ff4(a)
<i>Juncus ambiguus</i>	Frog Rush	19,21					•			•	•														Ff4(b)

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Juncus balticus</i> x <i>inflexus</i>		Dune slacks					•							•											
<i>Juncus compressus</i>	Round-fruited Rush	6,11								•	•			•											Ff4(a)
<i>Juncus filiformis</i>	Thread Rush	13					•	•				•							•						Ff2 extinct Bd
<i>Juncus subnodulosus</i>	Blunt-flowered Rush	11								•							•								Ff4(a)
<i>Juniperus communis</i>	Juniper	7,10,15,16	•					*		•															Ff4(b)
<i>Koeleria macrantha</i>	Crested Hair-Grass	7								•		•		•											
<i>Ledum palustre</i> subsp. <i>groenlandicum</i>	Labrador-tea						•			•	•								•	•					Ff3
<i>Lemna gibba</i>	Fat Duckweed	13									•	•					•	•	•						
<i>Lepidium campestre</i>	Field Pepperwort	3,4.17					•				•		•	•			•								
<i>Lepidium heterophyllum</i>	Smith's Pepperwort	3					•			•				•			•								
<i>Lepidium latifolium</i>	Dittander	6					•				•										•				Ff2

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<i>Limonium britannicum</i> subsp. <i>celticum</i>	Rock Sea-lavender	18,19,21	•	•			•				•													Ff1	
<i>Limonium humile</i>											•														
<i>Limosella aquatica</i>	Mudwort	13					•					•							•			•			Ff2
<i>Listera cordata</i>	Lesser Twayblade	2,10,12					*			•															Ff3
<i>Lithospermum officinale</i>	Common Gromwell	1,3,7					*			•	•						•								Ff4(a)
<i>Lotus glaber</i>	Narrow-leaved Bird's-foot-trefoil	3,6,7						•		•															Ff3
<i>Luronium natans</i>	Floating Water-Plantain	13,14	•					•						•										•	
<i>Lycopodium clavatum</i>	Stag's-horn Clubmoss	10					*			•		•							•		•		•		Ff4(a)
<i>Lysimachia thyrsoflora</i>	Tufted Loosestrife	11,13																	•	•					
<i>Melica nutans</i>	Mountain Melick	1,16					•			•															Ff4(a)
<i>Mibora minima</i>	Early Sand-Grass	19					•				•														Casual

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Minuartia verna</i>	Spring Sandwort	7,16					*			•		•							•					Ff2
<i>Monotropa hypopitys</i>	Yellow Bird's-Nest	1	•				•			•				•				•	•	•				Ff3
<i>Myosotis ramosissima</i>	Early Forget-me-not	8,16					*			•				•										Ff4(a)
<i>Myosotis stolonifera</i>	Pale Forget-me-not	11,14					*			•		•							•		•			Ff2
<i>Myrica gale</i>	Bog-myrtle	12					*			•	•	•					•		•					Ff4(a)
<i>Myriophyllum verticillatum</i>	Whorled Water-milfoil	13,14					•	•					•	•					•					Ff2 extinct Bd
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	1					*			•														Ff3
<i>Nepeta cataria</i>	Cat-mint	3,7					*			•														Ff3
<i>Oenanthe aquatica</i>	Fine-leaved Water-dropwort	11					*			•	•		•	•		•	•	•						Ff4(a)
<i>Oenanthe fistulosa</i>	Tubular Water-Dropwort	11	•				*			•	•		•	•		•	•							Ff4(a) confirmation in C
<i>Oenanthe lachenalii</i>	Parsley Water-Dropwort	11					•			•	•			•			•							
<i>Oenanthe pimpinelloides</i>	Corky-Fruited Water-Dropwort	6						•													•			

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Ophrys insectifera</i>	Fly Orchid	1,7,11	•			•	*			•														Ff4(a)	
<i>Orchis morio</i>	Green-winged Orchid	6,7				•	*	•		•						*		*							Ff3 extinct S and prob C
<i>Ornithopus perpusillus</i>	Bird's-foot	8					*				•			•			•						•		Ff4(a)
<i>Orobanche minor</i>	Common Broomrape	4,5					*			•	•		•	•			•								Ff4(a)
<i>Papaver dubium subsp. lecoqii</i>	Yellow-Juiced Poppy							•									•								
<i>Parapholis strigosa</i>	Hard Grass	21					•			•	•			•			•								
<i>Parentucellia viscosa</i>	Yellow Bartsia	3,5					•			•		•		•			•		•			•		•	Ff3 adentive Bd Ro Bu
<i>Paris quadrifolia</i>	Herb Paris	1					*			•		•													Ff4(b)
<i>Parnassia palustris</i>	Grass-of-Parnassus	11					*			•		•		•								•	•		Ff4(a)
<i>Pedicularis palustris</i>	Marsh Lousewort	11					*			•		•						•					•		Ff3
<i>Persicaria laxiflora</i>	Tasteless Water-pepper	13,14					•				•	•		•				•							Ff2 confirmation in C
<i>Persicaria minor</i>	Small Water-pepper	13,14					•				•	•											•		Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Phleum arenarium</i>	Sand Cat's-tail	19					*				•			•			•							Ff4(a) Bd requires confirmation
<i>Picris echioides</i>	Bristly Oxtongue	3,4					*			•	•			•			•	•	•					Ff4(a)
<i>Picris hieracioides</i>	Hawkweed Oxtongue	7																						Possible native in Lancashire?
<i>Platanthera bifolia</i>	Lesser Butterfly-Orchid	1,10	•					•		•														Ff3
<i>Platanthera chlorantha</i>	Greater Butterfly-Orchid	1,5	•	•		•	•			•														Ff3
<i>Polygonatum multiflorum</i>	Solomon's-seal	1					•			•	•	•												Ff4(b) garden escape vc.59
<i>Polygonatum odoratum</i>	Angular Solomon's-seal	1,16					•			•														Ff2
<i>Polygonum oxyspermum</i>	Ray's Knotgrass	19					•			•	•		•	•										Ff4(a)
<i>Polypodium cambricum</i>	Southern Polypody	3,16					*			•														Ff4(a)
<i>Populus nigra</i> subsp. <i>betulifolia</i>	Black-poplar			•			*			•	•	•		•	•	•	•	•	•	•	•	•	•	Ff3
<i>Potamogeton alpinus</i>	Red Pondweed	13					*				•	•						•	•					Ff4(a)
<i>Potamogeton coloratus</i>	Fen Pondweed	13					*			•														Ff2

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Potamogeton gramineus</i>	Various-Leaved Pondweed	13						•		•															
<i>Potamogeton lucens</i>	Shinning Pondweed	13,14					•			•															Ff3
<i>Potamogeton obtusifolius</i>	Blunt-Leaved Pondweed	13				•				•	•		•	•			•	•							
<i>Potamogeton trichoides</i>	Hairlike Pondweed	13,14					•			•	•														Ff2
<i>Potamogeton x lintonii</i>	Linton's Pondweed							•		•				•											Ff3
<i>Potentilla argentea</i>	Hoary Cinquefoil	3,8					•	•		•						*									Ff3 extinct S
<i>Potentilla neumanniana</i>	Spring Cinquefoil	7,16					*			•		•													Ff2
<i>Primula farinosa</i>	Bird's-eye Primrose	7,11	•	•		•	*			•		•													Ff2
<i>Pyrola minor</i>	Common Wintergreen	1,16					*											•							
<i>Pyrola rotundifolia</i>	Round-leaved Wintergreen	2,19					•							•	•		•	•							Ff2
<i>Ranunculus baudotii</i>	Brackish Water-crowfoot	13					*			•	•														Ff4(a)

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Ranunculus circinatus</i>	Fan-leaved Water-crowfoot	13,14				•		•		•														Ff3	
<i>Ranunculus peltatus</i>	Pond Water-crowfoot	11,13,14					•			•						•	•		•				•	Ff3	
<i>Ranunculus trichophyllus</i>	Thread-leaved Water-crowfoot	11,13					•			•				•			•								Ff4(b)
<i>Rhamnus cathartica</i>	Buckthorn	1,3					•			•		•									•				S and H to be confirmed
<i>Rhynchospora alba</i>	White Beak-sedge	12					•			•															Ff3
<i>Ribes spicatum</i>	Downy Currant	1,16					•					•										•			Ff2 Bu to be confirmed
<i>Rorippa islandica</i>	Northern Yellow-Cress	13					*				•	•			•	•	•	•	•			•			
<i>Rosa obtusifolia</i>	Round-leaved Dog-rose	1,3					•			•															Ff3
<i>Rubus chamaemorus</i>	Cloudberry	10,12								•	•	•										•	•		Ff4(a) confirmation Bu
<i>Rubus saxatilis</i>	Stone Bramble	1,7,16					*			•		•						•							Ff4(a)
<i>Rumex longifolius</i>	Northern Dock	3,13	•				*			•		•			•				•						Ff3
<i>Rumex maritimus</i>	Golden Dock	13,14					*			•		•	•	•			•								Ff3

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Ruppia maritima</i>	Beaked Tasselweed	21					*			•	•			•											Ff4(a)
<i>Salix x angusensis</i>											•		•	•											?
<i>Salix x friesiana</i>											•		•	•											?
<i>Salix myrsinifolia</i>	Dark-leaved Willow	13,14,16						•		•		•													Ff3
<i>Salix phylicifolia</i>	Tea-leaved Willow	14,16					*			•		•													Ff3
<i>Salix triandra</i>	Almond Willow	11,13,14					*			•	•							•						•	Ff4(b)
<i>Saxifraga hypnoides</i>	Mossy Saxifrage	7,15,16	•				•			•		•													Ff4(a) to be confirmed R
<i>Scabiosa columbaria</i>	Small Scabious	7					•			•		•													
<i>Schoenus nigricans</i>	Black Bog-rush	11					•			•															Ff3
<i>Scleranthus annuus</i>	Annual Knawel	4,8,10,16	•					•		•															Ff4(b) Casual
<i>Scutellaria minor</i>	Lesser Skullcap	11					•			•	•														Ff3
<i>Selaginella selaginoides</i>	Lesser Clubmoss	7,11					*			•	•														Ff4(a)

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³
<i>Seriphidium maritimum</i>	Sea Wormwood	21					•			•	•													Ff4(a)
<i>Serratula tinctoria</i>	Saw-wort	7					*	•		•		•							•					Ff4(b) extinct Bd
<i>Sesleria caerulea</i>	Blue Moor-grass	7,16			•		*			•		•							•					Ff2
<i>Silaum silaus</i>	Pepper-saxifrage	6						•		•		•										•		Ff3
<i>Sorbus lancastriensis</i>	Lancaster Whitebeam	16	•	•			*			•														Ff1
<i>Sorbus rupicola</i>	Rock Whitebeam	16					•			•														Ff2
<i>Sorbus torminalis</i>	Service-tree	1					•			•		•												Ff3
<i>Sparganium natans</i>	Least Bur-reed	13					•			•														Ff3
<i>Spiranthes spiralis</i>	Autumn Lady's-tresses	7	•			•	*			•														Ff3
<i>Stellaria palustris</i>	Marsh Stitchwort	11						•		•							•							
<i>Symphytum tuberosum</i>	Tuberous Comfrey	1,3					*			•	•	•			•	•	•	•	•	•	•	•		Ff4(b)
<i>Teesdalia nudicaulis</i>	Shepherd's Cress																							Not in Lancs

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Thalictrum flavum</i>		Wet meadow and verge								•	•		•	•		•	•	•	•						
<i>Thalictrum minus</i>	Lesser Meadow-Rue	16,19				•	•			•			•	•											As a native plant
<i>Torilis nodosa</i>	Knotted Hedge-parsley	3,6					•			•							•								Ff3
<i>Trichophorum x foersteri</i>					•					•		•													
<i>Trichomanes speciosum</i>	Killarney Fern	16	•				•			•		•									•		•		
<i>Trientalis europaea</i>	Chickweed Wintergreen	1,2,10					•			•															
<i>Trifolium striatum</i>	Knotted Clover	8					*			•			•	•	•	•	•								Ff4(a)
<i>Trollius europaeus</i>	Globeflower	11,16				•	*			•		•						•	•	•			•		Ff4(b)
<i>Utricularia australis</i>	Bladderwort	13					•			•															Ff3
<i>Utricularia minor</i>	Bladderwort	11,12							•																Ff3
<i>Utricularia vulgaris</i>	Bladderwort	11				•	•	•		•							•								Ff3 extince WI

Scientific Name	Common Name	Habitat (PLANTATT)	1	2	3	4	5	6	7	L	W	R	B	F	P	S	WI	C	Bd	H	Bu	Pe	Ro	Comments ³	
<i>Vaccinium vitis-idaea</i>	Cowberry	12,10,15					•			•	•	•						•	•			•	•	Ff4(b)	
<i>Valerianella carinata</i>	Keeled-Fruited Cornsalad	3,17					•				•	•					•		•						
<i>Valerianella locusta ssp. dunensis</i>	Common Cornsalad	19						•						•											(Sand Dune form)
<i>Verbena officinalis</i>	Vervain	3,16					•			•					•	•		•							Ff3
<i>Veronica anagallis-aquatica</i>	Blue Water-Speedwell	13,14					•			•		•		•			•				•				
<i>Vicia lathyroides</i>	Spring Vetch	8,19					•					•		•											Ff3
<i>Viola canina</i>	Heath Dog-violet	8,10,19	•			•	•							•											Ff4(a)
<i>Viola hirta</i>	Hairy Violet	7								•		•								•					Ff4(b)
<i>Viola tricolor subsp. curtsii</i>	Wild Pansy	19					•							•											Ff3
<i>Vulpia fasciculata</i>	Dune Fescue	19					•							•											Ff2
<i>Wahlenbergia hederacea</i>	Ivy-leaved Bellflower	11,14	•				*					•													Ff3
<i>Zannichellia palustris</i>	Horned Pondweed	13,14				•	*			•	•			•		•	•	•	•		•				Ff4(b)

Part II: Notes and Key to tables

Habitat – PLANTATT

Information for species habitat preference has been taken from PLANTATT. This indicates UK BAP Broad Habitat types, and each species can have up to four habitat types.

Hill, M.O., Preston, C.D., and Roy, D. B. (2004). PLANTATT. Attributes of British and Irish Plants: Status, Size, Life History, Geography and Habitats. CEH, Wallingford.

Selection Criteria

1] UK Priority; 2] Lancashire BAP Species; 3] Nationally Scarce Species; 4] Local Decline; 5] Local Rarity; 6] Local Extinction; 7] International Importance. For further information, see Selection Criteria on webpage www.lbap.org.uk.

Under criteria 5] the * denotes that data levels mean that rarity has not been determined at present for that specific species.

Local Authority distribution

This is intended to allow a quick reference to relevant to local areas and planning. Key to the local authority's is below.

Comments

Ff number indicates the criteria for which a species can be linked to Biological Heritage Site selection, for the designation of county level wildlife sites in Lancashire. The document explaining these can be downloaded using the link - www.lancashire.gov.uk/environment/ecology/bhs/bhs.pdf.

This column also highlights issues such as difficulty in identification of a species, which may limit sites known or indeed it may need information correcting in the future, and information deficiency which allows us to direct attention to the fact that more information or survey may be needed in the future.

Key to Table

Locations			
Lancaster	L	Chorley	C
Wyre	W	B'burn with Darwen	BD
Ribble Valley	R	Hyndburn	H
Blackpool	B	Rosendale	Ro
Fylde	F	Burnley	Bu
Preston	P	Pendle	Pe
South Ribble	S		
West Lancs	WI		