

## Vascular plant list for Cabin Hill National Nature Reserve

Philip H. Smith, March 2008

This annotated list (Table 1) is based on that of 314 vascular taxa (species and sub-species) produced by Peter Gateley in 1987 but with corrections and additions to 2008. I have excluded Gateley's records that emanate only from Range Lane, which is outside the reserve boundary. Older species lists and recent records submitted to the New Flora of South Lancashire Project have been included. The present inventory adds hybrids and has increased to 354 taxa, partly as a result of studies into the development of vegetation in the scrub-cleared slack 2 (Smith 2008). Fifty-three plants (15.0%) are non-native or introduced natives. There are 41 nationally or regionally notable taxa (11.6% of the total). Several plants may have been lost over the years and I have indicated those (totalling 28) for which there have been no recent sightings. These should be targeted by observers in the hope of refinding them. In future, it is hoped to include annual updates.

Nomenclature has been updated to that used by Stace in his *New Flora of the British Isles*.

### Reference

Smith, P.H. (2008). Effects of grey willow *Salix cinerea* removal on the floristic diversity of a wet dune-slack at Cabin Hill National Nature Reserve on the Sefton Coast, England. *Conservation Evidence* **5**: 6-11.

**Table 1. Vascular plant inventory for Cabin Hill NNR**

SLCR = St Luke's Church Road; (?) = no recent records; \* = non-native or introduced native taxon; **NR** = Nationally Rare; **NS** = Nationally Scarce; **VU** = Vulnerable; **NT** = Near Threatened; **SCI** = Species of Conservation Importance in North West England.

<b>Taxon</b>	<b>English name</b>	<b>Freq.</b>	<b>Habitat &amp; status</b>
<i>Acer pseudoplatanus</i> *	Sycamore	lf	Woodland
<i>Achillea millefolium</i>	Yarrow	o	Pasture, fixed dune
<i>Aegopodium podagraria</i> *	Ground-elder	lf	Woodland, SLCR
<i>Agrimonia eupatoria</i>	Agrimony	r	Dry slack, fixed dune
<i>Agrostis capillaris</i>	Common Bent	a	Fixed dune, dry slack, pasture
<i>Agrostis gigantea</i>	Black Bent	r	Pasture (?)
<i>Agrostis stolonifera</i>	Creeping Bent	la	Slack, pasture
<i>Aira caryophylla</i>	Silver Hair-grass	o	Fixed dune, disturbed ground
<i>Aira praecox</i>	Early Hair-grass	o	Fixed dune, disturbed ground
<i>Alisma plantago-aquatica</i>	Water Plantain	r	Wet slack
<i>Alliaria petiolata</i>	Garlic Mustard	lf	Woodland
<i>Allium vineale</i>	Wild Onion	lf	SLCR
<i>Alnus glutinosa</i>	Alder	r	Pasture
<i>Alopecurus geniculatus</i>	Marsh Foxtail	lf	Wet slack
<i>Alopecurus pratensis</i>	Meadow Foxtail	lf	Pasture, woodland
<i>Amaranthus retroflexus</i> *	Common Amaranth	r	Wet slack 2
<i>Ammophila arenaria</i>	Marram	a	Dunes
<i>Anagallis arvensis</i>	Scarlet Pimpernel	r	Disturbed ground
<i>Anagallis tenella</i>	Bog Pimpernel	r	Wet slack <b>SCI</b>
<i>Anchusa arvensis</i>	Bugloss	lo	Pasture, disturbed ground
<i>Angelica sylvestris</i>	Wild Angelica	r	Embryo dune, slack
<i>Anisantha sterilis</i>	Barren Brome	lf	Woodland, disturbed ground
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	f	Fixed dune, slack, pasture
<i>Anthriscus caucalis</i>	Bur Chervil	r	Pasture scrub <b>SCI</b>
<i>Anthriscus sylvestris</i>	Cow Parsley	lf	Woodland, SLCR
<i>Anthyllis vulneraria</i>	Kidney-vetch	lf	Fixed dune, dry slack
<i>Apium inundatum</i>	Lesser Marshwort	lf	Wet slack (?) <b>SCI</b>
<i>Apium nodiflorum</i>	Fool's Water-cress	r	Wet slack
<i>Arabidopsis thaliana</i>	Thale-cress	lf	Disturbed ground
<i>Arctium minus</i>	Lesser Burdock	o	Woodland, SLCR
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	lf	Fixed dune
<i>Armoracia rusticana</i> *	Horse-radish	lo	SLCR

<i>Arrhenatherum elatius</i>	False Oat-grass	la	Pasture, woodland, slack
<i>Artemisia vulgaris</i>	Mugwort	o	Disturbed ground
<i>Asparagus officinalis</i> *	Garden Asparagus	o	Fixed dune, pasture
<i>Aster novi-belgii</i> *	Confused Michaelmas-daisy	lf	Woodland, SLCR
<i>Atriplex hortensis</i> *	Garden Orache	r	Wet slack 2
<i>Atriplex patula</i>	Common Orache	r	Wet slack 2
<i>Atriplex prostrata</i>	Spear-leaved Orache	r	Strandline
<i>Barbarea vulgaris</i>	Winter-cress	r	Tracks, pasture (?)
<i>Bellis perennis</i>	Daisy	lf	Pasture, slack
<i>Beta vulgaris ssp. maritima</i>	Sea Beet	r	Strandline
<i>Bidens tripartita</i>	Trifid Bur-marigold	r	Wet slack
<i>Blackstonia perfoliata</i>	Yellow-wort	lf	Fixed dune
<i>Blysmus compressus</i>	Flat-sedge	la	Wet slack VU
<i>Bolboschoenus maritimus</i>	Sea Club-rush	la	Wet slack
<i>Briza media</i>	Quaking-grass	o	Fixed dune, pasture
<i>Bromus hordeaceus</i>	Soft-brome	f	Disturbed ground
<i>Bromus inermis</i> *	Hungarian Brome	r	Barrier bank, pasture
<i>Cakile maritima</i>	Sea Rocket	lo	Strandline, embryo dune
<i>Caltha palustris</i>	Marsh-marigold	r	Wet slack
<i>Campanula rapunculoides</i> *	Creeping Bellflower	r	Fixed dune
<i>Campanula rotundifolia</i>	Harebell	f	Fixed dune, dry slack
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	lf	Disturbed ground
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	o	Fixed dune, woodland
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	lf	Fixed dune
<i>Cardamine pratensis</i>	Cuckooflower	lf	Wet slack
<i>Carex arenaria</i>	Sand Sedge	f	Widespread
<i>Carex caryophylla</i>	Spring Sedge	r	Slack/pasture (?)
<i>Carex disticha</i>	Brown Sedge	r	Wet slack 20 (?) <b>SCI</b>
<i>Carex flacca</i>	Glaucous Sedge	o	Wet slack
<i>Carex hirta</i>	Hairy Sedge	lf	Wet slack, pasture
<i>Carex nigra</i>	Common Sedge	la	Wet slack, pasture
<i>Carex otrubae</i>	False Fox-sedge	r	Wet slack 20
<i>Carex panicea</i>	Carnation Sedge	r	Wet slack (?)
<i>Carex pendula</i> *	Pendulous Sedge	r	Wet slack 2
<i>Carex viridula ssp. oedocarpa</i>	Yellow Sedge	r	Wet slack 21 (?)
<i>Carex viridula ssp. viridula</i>	Small-fruited Yellow Sedge	lf	Scrapes <b>SCI</b>
<i>Carlina vulgaris</i>	Carlina Thistle	o	Fixed dune, pasture
<i>Centaurea nigra</i>	Common Knapweed	o	Pasture, fixed dune
<i>Centaureum erythraea</i>	Common Centaury	lf	Fixed dune, dry slack
<i>Centaureum littorale</i>	Seaside Centaury	o	Slack, fixed dune <b>NS</b>
<i>Centaureum pulchellum</i>	Lesser Centaury	r	Slack <b>SCI</b>

<i>Centaureum x intermedium</i>	Hybrid Centaury	r	Fixed dune
<i>Cerastium diffusum</i>	Sea Mouse-ear	o	Fixed dune, pasture
<i>Cerastium fontanum</i>	Common Mouse-ear	f	Pasture, fixed dune, SLCR
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	o	Disturbed ground
<i>Cerastium semidecandrum</i>	Little Mouse-ear	lf	Fixed dune, pasture
<i>Cerastium tomentosum*</i>	Snow-in-summer	r	Disturbed ground
<i>Chamerion angustifolium</i>	Rosebay Willowherb	f	Widespread
<i>Chenopodium album</i>	Fat-hen	o	Disturbed ground
<i>Chenopodium rubrum</i>	Red Goosefoot	o	Wet slack 2 <b>SCI</b>
<i>Cirsium arvense</i>	Creeping Thistle	f	Fixed dune, pasture
<i>Cirsium vulgare</i>	Spear Thistle	o	Fixed dune, pasture
<i>Claytonia perfoliata*</i>	Spring Beauty	lf	Woodland, scrub
<i>Convolvulus arvensis</i>	Field Bindweed	o	Fixed dune, pasture
<i>Conyza canadensis*</i>	Canadian Fleabane	r	Wet slack 2
<i>Crataegus monogyna</i>	Hawthorn	o	Woodland, fixed dune
<i>Crepis capillaris</i>	Smooth Hawk's-beard	f	Pasture, fixed dune
<i>Cynoglossum officinale</i>	Hound's-tongue	o	Fixed dune, disturbed ground <b>NT</b>
<i>Cynosurus cristatus</i>	Crested Dog's-tail	o	Pasture
<i>Dactylis glomerata</i>	Cock's-foot	f	Pasture, slack, fixed dune
<i>Dactylorhiza incarnata</i> <i>ssp. coccinea</i>	Early Marsh-orchid	la	Slack <b>NS</b>
<i>Dactylorhiza incarnata</i> <i>ssp. incarnata</i>	Early Marsh-orchid	o	Slack <b>SCI</b>
<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	o	Slack
<i>Dactylorhiza x wintoni</i>	Hybrid Marsh-orchid	o	Slack
<i>Datura ferox*</i>	Angel's Trumpets	r	Wet slack 2
<i>Datura stramonium*</i>	Thorn-apple	r	Wet slack 2
<i>Daucus carota</i>	Wild Carrot	o	Pasture, fixed dune
<i>Diplotaxis muralis</i>	Annual Wall-rocket	r	Disturbed ground
<i>Dryopteris dilatata</i>	Broad Buckler-fern	o	Woodland
<i>Eleocharis palustris</i>	Common Spike-rush	la	Wet slack, scrape
<i>Eleocharis quinqueflora</i>	Few-flowered Spike-rush	o	Wet slack <b>SCI</b>
<i>Elytrigia juncea</i>	Sand Couch	la	Embryo dune
<i>Elytrigia repens</i>	Common Couch	o	Pasture
<i>Epilobium ciliatum</i> x <i>E. obscurum</i>	Hybrid Willowherb	r	Wet slack 2
<i>Epilobium ciliatum*</i>	American Willowherb	o	Wet slack 2
<i>Epilobium hirsutum</i>	Great Willowherb	o	Wet slack
<i>Epilobium montanum</i>	Broad-leaved Willowherb	o	Pasture, slack
<i>Epilobium palustre</i>	Marsh Willowherb	o	Wet slack
<i>Epilobium parviflorum</i>	Hoary Willowherb	o	Slack

<i>Epilobium x rivulare</i>	Hybrid Willowherb	r	Wet slack 2
<i>Epipactis dunensis</i>	Dune Helleborine	r	Fixed dune <b>NR</b>
<i>Epipactis palustris</i>	Marsh Helleborine	lf	Slack <b>SCI</b>
<i>Equisetum arvense</i>	Field Horsetail	f	Fixed dune, pasture, slack
<i>Equisetum fluviatile</i>	Water Horsetail	lf	Wet slack
<i>Equisetum palustre</i>	Marsh Horsetail	lf	Slack
<i>Equisetum variegatum</i>	Variiegated Horsetail	r	Slack <b>SCI</b>
<i>Equisetum x litorale</i>	Shore Horsetail	lf	Wet slack
<i>Erigeron acer</i>	Blue Fleabane	o	Fixed dune
<i>Eriophorum angustifolium</i>	Common Cottongrass	r	Wet slack (?)
<i>Erodium cicutarium</i>	Common Stork's-bill	lf	Pasture, fixed dune
<i>Erodium lebelii</i>	Sticky Stork's-bill	lf	Pasture, fixed dune <b>NS</b>
<i>Erodium x anaristatum</i>	Hybrid Stork's-bill	lf	Pasture, fixed dune
<i>Erophila verna</i>	Spring Whitlow-grass	lf	Fixed dune
<i>Eryngium maritimum</i>	Sea-holly	o	Mobile dune <b>SCI</b>
<i>Euonymus japonica</i> *	Japanese Spindle	r	Woodland
<i>Euphorbia paralias</i>	Sea Spurge	lf	Mobile dune <b>SCI</b>
<i>Euphorbia portlandica</i>	Portland Spurge	o	Mobile dune, fixed dune <b>SCI</b>
<i>Euphrasia nemorosa</i>	Eyebright	f	Fixed dune, slack, pasture
<i>Fallopia convolvulus</i>	Black Bindweed	o	Wet slack 2
<i>Fallopia japonica</i> *	Japanese Knotweed	la	SLCR
<i>Festuca arundinacea</i>	Tall Fescue	r	SLCR
<i>Festuca ovina</i>	Sheep's-fescue	r	Pasture, fixed dune
<i>Festuca rubra</i>	Red Fescue	a	Widespread
<i>Fumaria muralis</i>	Common Ramping-fumitary	r	Wet slack 2
<i>Galanthus nivalis</i>	Snowdrop	la	Woodland
<i>Galium aparine</i>	Cleavers	lf	Woodland, SLCR
<i>Galium palustre</i>	Marsh Bedstraw	lf	Wet slack
<i>Galium verum</i>	Lady's Bedstraw	lf	Pasture, fixed dune
<i>Gentianella amarella</i>	Autumn Gentian	r	Fixed dune (?)
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	r	Pasture
<i>Geranium molle</i>	Dove's-foot Crane's-bill	f	Fixed dune, pasture
<i>Glyceria</i> sp.	Sweet-grass	r	Wet slack 3 (?)
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	r	Wet slack 3
<i>Hedera helix</i>	Ivy	r	Woodland
<i>Hedera helix "Hibernica"</i> *	Irish Ivy	lf	Woodland
<i>Heracleum mantegazzianum</i> *	Giant Hogweed	lf	Woodland
<i>Heracleum sphondylium</i>	Hogweed	f	Woodland, fixed dune, slack
<i>Hieracium umbellatum</i>	Hawkweed	o	Fixed dune
<i>Hippophae rhamnoides</i> *	Sea Buckthorn	r	Fixed dune

<i>Holcus lanatus</i>	Yorkshire Fog	a	Woodland, pasture, slack
<i>Honckenya peploides</i>	Sea Sandwort	r	Strand-line
<i>Humulus lupulus</i> *	Hop	r	Woodland
<i>Hyacinthoides hispanica</i> *	Spanish Bluebell	la	Woodland, SLCR
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort	la	Wet slack
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	r	SLCR
<i>Hypochaeris radicata</i>	Cat's-ear	f	Fixed dune, pasture
<i>Ilex aquifolium</i>	Holly	r	Woodland
<i>Iris pseudacorus</i>	Yellow Iris	r	Wet slack 2
<i>Isolepis setacea</i>	Bristle Club-rush	r	Wet slack 21 (?)
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	lo	Wet slack 2
<i>Juncus articulatus</i>	Jointed Rush	lf	Wet slack
<i>Juncus bufonius</i>	Toad Rush	o	Wet slack, scrapes
<i>Juncus effusus</i>	Soft Rush	r	Wet slack
<i>Juncus gerardii</i>	Saltmarsh Rush	r	Wet slack 21
<i>Juncus inflexus</i>	Hard Rush	lf	Slack
<i>Juncus subnodulosus</i>	Blunt-flowered Rush	la	Wet slack <b>SCI</b>
<i>Lamium album</i>	White Dead-nettle	o	Woodland, SLCR
<i>Lamium hybridum</i>	Cut-leaved Dead-nettle	r	Woodland
<i>Lapsana communis</i>	Nipplewort	lo	Woodland
<i>Lathyrus pratensis</i>	Meadow Vetchling	lf	Pasture, SLCR, fixed dune
<i>Leontodon autumnalis</i>	Autumn Hawkbit	lf	Fixed dune, pasture
<i>Leontodon hispidus</i>	Rough Hawkbit	r	Fixed dune (?)
<i>Leontodon saxatile</i>	Lesser Hawkbit	o	Fixed dune, slack
<i>Leucanthemum vulgare</i>	Oxeye Daisy	r	Slack
<i>Leymus arenarius</i>	Lyme-grass	la	Embryo dune
<i>Linaria purpurea</i> *	Purple Toadflax	r	Fixed dune
<i>Linaria vulgaris</i>	Common Toadflax	r	Fixed dune, slack
<i>Linum catharticum</i>	Fairy Flax	lf	Fixed dune, pasture, slack
<i>Littorella uniflora</i>	Shoreweed	r	Wet slack 1 (?)
<i>Lolium perenne</i>	Perennial Rye-grass	lf	Pasture, slack, woodland
<i>Lotus corniculatus</i>	Common Bird's-foot- trefoil	lf	Fixed dune, pasture
<i>Lotus pedunculatus</i>	Greater Bird's-foot- trefoil	o	Wet slack
<i>Luzula campestris</i>	Field Wood-rush	o	Fixed dune, pasture
<i>Lychnis flos-cuculi</i>	Ragged Robin	r	Wet slack 2
<i>Lycium barbarum</i> *	Duke of Argyll's Teapant	r	Woodland
<i>Lycopersicon esculentum</i> *	Tomato	r	Wet slack 2
<i>Lycopus europaeus</i>	Gypsywort	lf	Wet slack
<i>Lythrum salicaria</i>	Purple Loosestrife	la	Wet slack
<i>Malus domestica</i> *	Apple	r	Woodland

<i>Matricaria discoidea</i> *	Pineapple-weed	o	Disturbed ground
<i>Medicago lupulina</i>	Black Medick	f	Pasture, fixed dune
<i>Mentha aquatica</i>	Water Mint	la	Slack
<i>Mentha arvensis</i>	Corn Mint	r	Pasture
<i>Mentha x verticillata</i>	Whorled Mint	lf	Slack
<i>Molinia caerulea</i>	Purple Moor-grass	r	Slack
<i>Muscari comosum</i> *	Tassel Hyacinth	r	Woodland (?)
<i>Myosotis arvensis</i>	Field Forget-me-not	o	Pasture, SLCR
<i>Myosotis discolor</i>	Changing Forget-me-not	r	Pasture, fixed dune
<i>Myosotis laxa</i>	Tufted Forget-me-not	la	Wet slack
<i>Myosotis ramosissima</i>	Early Forget-me-not	o	Fixed dune <b>SCI</b>
<i>Myosotis scorpioides</i>	Water Forget-me-not	o	Wet slack
<i>Myrrhis odorata</i> *	Sweet Cicely	r	Fixed dune (?)
<i>Narcissus cultivar</i> *	Daffodil	o	Woodland
<i>Odontites vernus</i>	Red Bartsia	lf	Pasture, slack
<i>Oenothera biennis</i> *	Common Evening-primrose	r	Fixed dune
<i>Oenothera glazioviana</i> *	Large-flowered Evening-primrose	o	Fixed dune
<i>Oenothera x fallax</i> *	Intermediate Evening-primrose	o	Fixed dune
<i>Ononis repens</i>	Common Restharrow	f	Pasture, fixed dune
<i>Ophioglossum vulgatum</i>	Adder's-tongue	r	Pasture (?) <b>SCI</b>
<i>Ophrys apifera</i>	Bee Orchid	r	Pasture
<i>Ornithogalum umbellatum</i> *	Star-of-Bethlehem	la	Woodland
<i>Orobanche minor</i>	Common Broomrape	r	Fixed dune (?) <b>SCI</b>
<i>Papaver dubium</i>	Long-headed Poppy	o	Pasture
<i>Parentucellia viscosa</i>	Yellow Bartsia	lf	Slack, pasture <b>SCI</b>
<i>Parnassia palustris</i>	Grass-of-Parnassus	la	Slack <b>SCI</b>
<i>Pastinaca sativa</i>	Wild Parsnip	f	Fixed-dune, pasture
<i>Persicaria hydropiper</i>	Wall-pepper	o	Wet slack 2
<i>Persicaria lapathifolia</i>	Pale Persicaria	r	Wet slack 2
<i>Persicaria maculata</i>	Redshank	lf	Pasture, slack
<i>Phalaris arundinacea</i>	Reed Canary-grass	la	Wet slack, pasture
<i>Phalaris arundinacea</i> var. <i>picta</i> *	Gardener's Garters	r	Pasture (?)
<i>Philadelphus coronarius</i> *	Mock-orange	r	Woodland
<i>Phleum arenarium</i>	Sand Cat's-tail	lf	Fixed dune <b>SCI</b>
<i>Phleum pratense</i>	Timothy	o	Pasture
<i>Phragmites australis</i>	Common Reed	la	Wet slack
<i>Physalis peruviana</i> *	Cape-gooseberry	r	Wet slack 2
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	lf	Fixed dune
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	r	SLCR

<i>Pinus nigra</i> ssp. <i>laricio</i> *	Corsican Pine	lo	Woodland
<i>Pinus sylvestris</i>	Scots Pine	r	Woodland
<i>Plantago lanceolata</i>	Ribwort Plantain	lf	Pasture, slack
<i>Plantago major</i>	Greater Plantain	o	Pasture
<i>Poa annua</i>	Annual Meadow-grass	lf	Pasture etc.
<i>Poa compressa</i>	Flattened Meadow-grass	la	Pasture etc. (?) <b>SCI</b>
<i>Poa humilis</i>	Spreading Meadow-grass	lf	Pasture, fixed dune
<i>Poa pratensis</i>	Smooth Meadow-grass	lf	Pasture
<i>Poa trivialis</i>	Rough Meadow-grass	o	Pasture, SLCR
<i>Polygala vulgaris</i>	Common Milkwort	o	Fixed dune
<i>Polygonum amphibium</i>	Amphibious Bistort	r	Wet slack
<i>Polygonum arviculare</i>	Knotgrass	lf	Pasture, disturbed ground
<i>Polypodium vulgare</i>	Polypody	lf	Fixed dune
<i>Populus x jackii</i> *	Balm-of-Gilead	la	Woodland, dune
<i>Potentilla anserina</i>	Silverweed	lf	Pasture, slack
<i>Potentilla palustris</i>	Marsh Cinquefoil	r	Wet slack (?)
<i>Potentilla reptans</i>	Creeping Cinquefoil	lf	Fixed dune
<i>Primula vulgaris</i>	Primrose	lo	Woodland
<i>Prunella vulgaris</i>	Selfheal	f	Pasture, slack, fixed dune
<i>Prunus</i> sp.*	Plum/Damson	r	Woodland
<i>Pulicaria dysenterica</i>	Common Fleabane	lf	Slack
<i>Pyrola rotundifolia</i> ssp. <i>maritima</i>	Round-leaved Wintergreen	lf	Slack, fixed dune <b>NS</b>
<i>Pyrus communis</i> *	Pear	r	Woodland
<i>Ranunculus acris</i>	Field Buttercup	o	Pasture, slack
<i>Ranunculus aquatilis</i>	Common Water-crowfoot	lf	Slack
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	o	Fixed dune
<i>Ranunculus flammula</i>	Lesser Spearwort	f	Slack, scrapes
<i>Ranunculus repens</i>	Creeping Buttercup	lf	Pasture, slack
<i>Ranunculus trichophyllus</i>	Thread-leaved Water-crowfoot	r	Wet slack <b>SCI</b>
<i>Reseda lutea</i>	Wild Mignonette	r	Fixed dune
<i>Reseda luteola</i>	Weld	o	Fixed dune, disturbed ground
<i>Rhinanthus minor</i>	Yellow-rattle	f	Pasture, fixed dune
<i>Ribes uva-crispa</i> *	Gooseberry	r	Woodland
<i>Rorippa nasturtium-aquaticum</i>	Water-cress	r	Wet slack (?)
<i>Rorippa palustris</i>	Marsh Yellow-cress	r	Wet slack 2
<i>Rosa canina</i> agg.	Dog-rose	o	Woodland, fixed dune
<i>Rosa pimpinellifolia</i>	Burnet Rose	r	Fixed dunes (?) <b>SCI</b>
<i>Rubus caesius</i>	Dewberry	a	Fixed dune, pasture



<i>Rubus fruticosus</i> agg.	Bramble	f	Pasture, woodland, SLCR
<i>Rubus idaeus</i>	Raspberry	r	SLCR
<i>Rubus tuberculatus</i>	Bramble	o	Wet slack 2
<i>Rumex acetosa</i>	Common Sorrel	o	Pasture, fixed dune
<i>Rumex acetosella</i>	Sheep's Sorrel	o	Pasture, disturbed ground
<i>Rumex crispus</i>	Curled Dock	o	Pasture, dune
<i>Rumex obtusifolius</i>	Broad-leaved Dock	lf	Pasture, disturbed ground
<i>Rumex x pratensis</i>	Hybrid Dock	r	Wet slack 2
<i>Sagina nodosa</i>	Knotted Pearlwort	o	Slack, scrapes
<i>Sagina procumbens</i>	Procumbent Pearlwort	r	Disturbed ground
<i>Salix alba</i>	White Willow	r	Wet slack (?)
<i>Salix cinerea</i>	Grey Willow	f	Slack, fixed dune, woodland
<i>Salix fragilis</i>	Crack Willow	r	SLCR, slack
<i>Salix pentandra</i>	Bay Willow	r	Slack 20
<i>Salix purpurea</i>	Purple Willow	r	Slack
<i>Salix repens</i>	Creeping Willow	a	Widespread
<i>Salix viminalis</i>	Osier	o	Slack, fixed dune, pasture
<i>Salix x doniana</i>	Hybrid Willow	r	Slack 20
<i>Salix x forbyana</i> *	Fine Osier	la	Slack, fixed dune, pasture
<i>Salix x friesiana</i>	Hybrid Willow	lf	Slack, fixed dune <b>NR</b>
<i>Salix x rubens</i> *	Hybrid Crack-willow	r	Wet slack 2
<i>Salix x rubens</i> f. <i>basfordiana</i> *	Hybrid Crack-willow	r	SLCR
<i>Salix x subsericea</i>	Hybrid Willow	r	Slack <b>NR</b>
<i>Salsola kali</i>	Prickly Saltwort	o	Strandline <b>VU</b>
<i>Sambucus nigra</i>	Elder	r	Woodland
<i>Samolus valerandi</i>	Brookweed	lf	Slack, scrapes <b>SCI</b>
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	o	Fixed dune
<i>Sedum acre</i>	Biting Stonecrop	o	Fixed dune
<i>Senecio jacobaea</i>	Common Ragwort	f	Widespread
<i>Senecio vulgaris</i>	Groundsel	o	Mobile dunes, pasture, disturbed ground
<i>Silene alba</i>	White Champion	o	Woodland, disturbed ground
<i>Silene dioica</i>	Red Champion	o	Woodland
<i>Silene x hampeana</i>	Hybrid Champion	r	SLCR
<i>Sisymbrium altissimum</i>	Tall Rocket	r	Disturbed ground (?)
<i>Sisymbrium officinale</i>	Hedge Mustard	o	SLCR, pasture, disturbed ground
<i>Sisyrinchium bermudiana</i> *	Blue-eyed-grass	r	Dunes (?)
<i>Solanum dulcamara</i>	Bittersweet	lf	Slack
<i>Solanum nigrum</i>	Black Nightshade	o	Wet slack 2
<i>Solanum physalifolium</i> *	Green Nightshade	r	Wet slack 2
<i>Solanum tuberosum</i> *	Potato	r	Disturbed ground

<i>Sonchus arvensis</i>	Perennial Sow-thistle	o	Pasture, slack
<i>Sonchus asper</i>	Prickly Sow-thistle	o	Pasture, slack
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	o	Pasture, disturbed ground
<i>Sparganium erectum</i>	Branched Bur-reed	o	Wet slack 2
<i>Spergula arvensis</i>	Corn Spurrey	r	SLCR, disturbed ground <b>VU</b>
<i>Stellaria media</i>	Common Chickweed	o	Woodland, SLCR, disturbed ground
<i>Suaeda maritima</i>	Annual Sea-blite	r	Strandline
<i>Tanacetum vulgare</i>	Tansy	r	Disturbed ground
<i>Taraxacum laevigatum</i>	Lesser Dandelion	o	Fixed dune
<i>Taraxacum officinale</i> agg.	Dandelion	f	Pasture, fixed dune
<i>Taxus baccata</i>	Yew	r	Fixed dune
<i>Teucrium scorodonia</i>	Wood Sage	lf	Woodland, fixed dune
<i>Tragopogon pratensis</i>	Goat's-beard	o	Pasture, fixed dune
<i>Trifolium arvense</i>	Hare's-foot Clover	f	Fixed dune, pasture
<i>Trifolium campestre</i>	Hop Trefoil	lf	SLCR, pasture
<i>Trifolium dubium</i>	Lesser Trefoil	lf	Widespread
<i>Trifolium hybridum</i> *	Alsike Clover	r	Pasture
<i>Trifolium pratense</i>	Red Clover	f	Pasture
<i>Trifolium repens</i>	White Clover	a	Widespread
<i>Tripleurospermum maritimum</i>	Sea Mayweed	o	Strandline, embryo dune
<i>Trisetum flavescens</i>	Yellow Oat-grass	r	Pasture (?) <b>SCI</b>
<i>Tussilago farfara</i>	Colt's-foot	o	Woodland
<i>Typha latifolia</i>	Bulrush	o	Wet slack (?)
<i>Ulex europaeus</i>	Gorse	r	Fixed dune
<i>Ulmus procera</i>	English Elm	r	Woodland
<i>Urtica dioica</i>	Common Nettle	lf	Widespread
<i>Urtica urens</i>	Small Nettle	r	Pasture, disturbed ground
<i>Valerianella locusta</i>	Common Corn-salad	o	Fixed dunes <b>SCI</b>
<i>Verbascum thapsus</i>	Great Mullein	r	Fixed dune
<i>Veronica anagallis-aquatica</i>	Blue Water-speedwell	o	Wet slack 2
<i>Veronica arvensis</i>	Wall Speedwell	o	Fixed dune
<i>Veronica beccabunga</i>	Brooklime	r	Wet slack
<i>Veronica catenata</i>	Pink Water-speedwell	lf	Wet Slack 2
<i>Veronica chamaedrys</i>	Germander Speedwell	r	SLCR
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	lf	Woodland, SLCR
<i>Veronica officinalis</i>	Heath Speedwell	r	Fixed dune
<i>Veronica scutellata</i>	Marsh Speedwell	lo	Wet slack 2
<i>Vicia cracca</i>	Tufted Vetch	lf	Pasture, SLCR
<i>Vicia hirsuta</i>	Hairy-tare	r	Fixed dune
<i>Vicia lathyroides</i>	Spring Vetch	o	Fixed dune <b>SCI</b>
<i>Vicia sativa</i> ssp. <i>nigra</i>	Common Vetch	o	Fixed dune

<i>Vicia sativa</i> ssp. <i>sativa</i> *	Common Vetch	o	Pasture, SLCR
<i>Viola arvensis</i>	Field Pansy	r	Disturbed ground
<i>Viola canina</i>	Heath Dog-violet	lf	Fixed dune <b>NT</b>
<i>Viola odorata</i> *	Sweet Violet	r	SLCR (?)
<i>Vulpia fasciculata</i>	Dune Fescue	lf	Fixed dune <b>NS</b>
354 taxa (53 non-native)			

### Summary of nationally and regionally notable taxa

Nationally Rare	3
Nationally Scarce	5
Vulnerable	3
Near Threatened	2
Species of Regional Conservation Importance	28
<b>Total</b>	<b>41</b>