

Gwent Wildlife Site/SINC Notification Form

SITE SUMMARY

SITE NAME: **Caerwent Quarry**

GRID REF: **S T 4 7 2 8 9 4**

SURVEYOR(S): **Steph Tvler**
Elsa Wood

SIZE (approx.): **12.00ha**

DATE OF SURVEY: **24th May & 6th Julv 2017**

LOCAL AUTHORITY AREA:
Monmouthshire

WARD: **Caerwent**

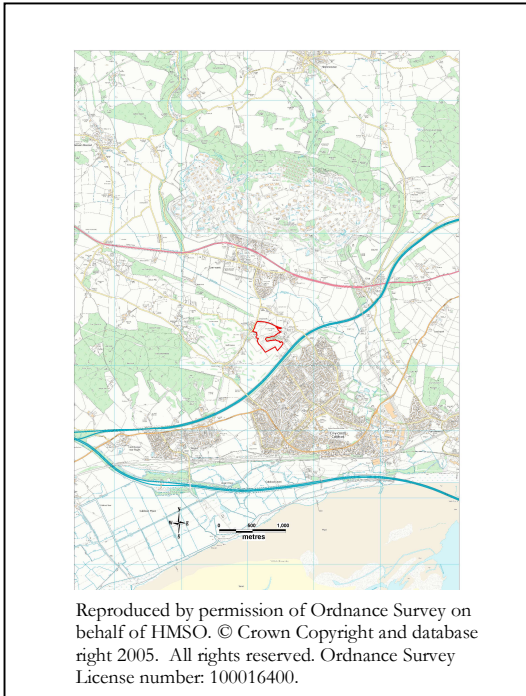
MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Species Rich Grassland Scrub Bare Ground Cliffs		

LBAP PRIORITY HABITATS/SPECIES PRESENT?

Species-rich grassland

SKETCH MAP OF SITES LOCATION:



FULL DESCRIPTION OF SITE (including topography, adjacent land use, access and boundaries etc.):

The quarry is on limestone and has been disused for quite a while. It is extensive lying between Sandy Lane to the south and Dewstone Road to the north.

From the flat, gravelly land at the top of the quarry off the Dewstone Road opposite the turn to Brockwells a broad rocky track runs down to the large flat quarry floor. On the flat gravelly land and access track are Weld, Gromwell, Tall Melilot, Hoary Mustard and ruderals as Scentless Mayweed, Lesser Swinecress and Scarlet Pimpernel.

This large open area has had some material tipped on it over the years but there are bare rocky areas and some wet depressions. Cliffs extend around the edges of this area. The floor of the quarry is sparsely covered in plants, notably Centaury, Hoary Mustard, Ragwort, Large and Small Evening Primroses and Weld. Damp areas that sometimes contain water close to the cliffs on the eastern side have Hard Rush, a small patch of Reed Mace and of note, more than 50 plants of Brookweed. Marjoram is locally frequent around the cliff edge. A depression across on the south-western side also supports Reed-mace but Nettles are dense here.

To the south a track leaves the open area and goes over a new bund and then turns west/southwest with cliffs on the south side and dense scrub – Buddleias and various tree saplings and shrubs – on the other. Along the edge of the track are Bee and Common Spotted Orchids as well as much Centaury, Yellow-wort and Vervain with a patch of Common Valerian in one of the damp depressions.

The track then turns into small open clearings that have been used as a golf putting area, above which on both sides are cliffs and ledges and grassy slopes and mounds. The cliffs and grassy ledges support Rock-rose on the eastern cliffs, much Ploughman’s Spikenard, Spring Sedge, Marjoram, and Carline Thistle. At the lowest point of the putting area are piles of rocks and another depression which at the time of our visits was dry but when holding water have good potential for stoneworts.

A path leads down into the quarry from a footpath through woodland on the west side and emerges where the track turns into the small clearings. The whole area is rapidly becoming invaded by Buddleia, Ash saplings and Bramble.

Neutral Grassland: Overall = 27 indicators
Calcareous Grassland: Overall = 30 indicators
Post Industrial Land: Overall = 13 characteristic species + 51 indicators for other grassland types = 64 species in total
Contributory Species: = 13 species

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 19/12/19

DETAILED SITE INFORMATION

SITE OWNERSHIP: Including names of any tenants/graziers Name(s)

Name(s)			
Addresses			
Tel.no.		Mobile:	

Please log all landowner/tenant contact starting from the initial permission for access to survey

Date	Contact	Discussion subjects/decisions made
N/A	N/A	N/A

Is/are the owner(s) aware of the site's nature conservation value? Yes No

ii) managing the land sympathetically? Yes No

iii) willing to manage the land sympathetically? Yes No Unknown

Describe the access to the site:

Can be accessed from the flat, gravelly land at the top of the quarry, off the Dewstone Road, opposite the turn to Brockwells down a broad rocky track. **This is not public access however.**

Are there any public rights of way on the site?

No

If so please describe their location:

N/A

What is the current management at the site?

Quarry is disused and appears to be used for golf practice, bike riding etc. although there is no PROW.

Are there any threats to the site?

Proposals to fill with inert material and convert to horse pasture.

Are there any invasive species present?

The whole area is rapidly becoming invaded by Buddleia, Ash saplings and Bramble.

Are there any protected species present?

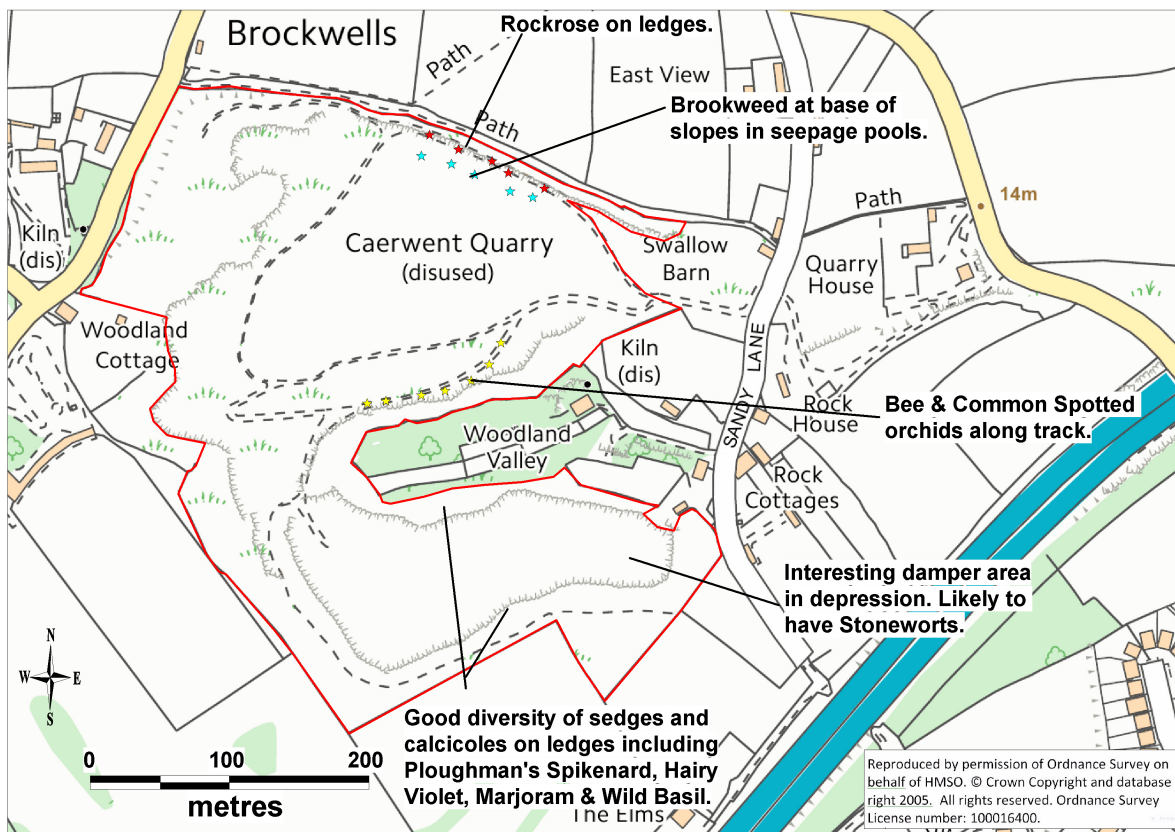
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H4) Neutral Grasslands - over 8 indicator species threshold. (27 species recorded)
H5) Calcareous Grasslands - over 8 indicator species threshold. (30 species recorded)
H18) Post Industrial Land - over 20 species threshold. (64 species recorded (13 characteristic species + 5 indicators for other grassland types))
S7) Vascular Plants - over 5 Contributory Species threshold. (13 species recorded)
Also supporting factors of:
S4) Amphibians – Great Crested Newts recorded in terrestrial habitat.
S6) Invertebrates – Six Belted Clearwing (Nationally Scarce B, moth species)

Is the site part of any grant schemes? Yes No Grant Scheme:..... End date:.....

Does the site already have any designations? Yes No Designation:.....

Sketch map of site (including northpoint, scale and areas of the site of particular note):



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Please list all additional survey information both past and present that relates to this site:

CCW Phase 1, 1991.

Ecological Surveys for Planning Application ref. DC/2016/00784

OFFICE USE ONLY

Site no.: SINC/ST48/001

Please note: The data on this form may be held in accordance with the Gwent Wildlife Trust's registration under the Data Protection Act 1996

SITE NAME: Caerwent Quarry

FIELD NUMBER: All site

DATE: 24/06 + 6/7/2017

	D		D		D
Agrostis trivialis (common bent)	Y	Conopodium majus (pignut)	Y	Primula veris (cowslip)	
Agrostis stolonifera (creeping bent)	Y	Crepis capillaris (smooth hawks-beard)	Y	Prunella vulgaris (self-heal)	Y
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)		Dactylorhiza fuchsii (c. spotted orchid)	Y	Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)	Y	Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	Y
Anthoxanthum odoratum (sweet vnl grass)	Y	Daucus carota (wild carrot)	Y	Ranunculus auricomus (gldlcks buttercup)	
Arrhenatherum elatius (false oat grass)	Y	Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)	
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
Briza media (quaking grass)		Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	Y
Bromopsis erecta (upright brome)		Eupatorium cannabinum (hemp-agrimony)	Y	Rhinanthus minor (yellow rattle)	Y
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	Y
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	Y
Cynosurus cristatus (crested dog's tail)	Y	Filipendula ulmaria (meadowsweet)	Y	Rumex acetosella (Sheeps Sorrel)	Y
Dactylis glomerata (cock's foot)	Y	Fragaria vesca (wild strawberry)	Y	Sanguisorba minor (salad burnet)	Y
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (tfd hair grass)		Galium palustre (marsh-bedstraw)		Scrophularia nodosa (figwort)	Y
Deschampsia flexuosa (wavy hair-grass)		Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)	
Eriophorum angustifolium (cmn cottongrass)		Galium verum (lady's bedstraw)		Senecio jacobea (ragwort)	Y
Festuca ovina (sheep's fescue)		Genista tinctoria (dyers greenweed)		Silaum silaus (pepper-saxifrage)	
Festuca rubra (red fescue)		Geranium pratense (meadow cranes bill)		Stachys officinalis (betony)	
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)	Y	Stachys palustris (marsh woundwort)	
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)	Y	Stachys sylvatica (hedge woundwort)	Y
Holcus lanatus (yorkshire fog)	Y	Helianthemum nummularium (rock-rose) ++	Y	Stellaria graminea (lesser stichwort)	Y
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	Y	Stellaria holostea (greater stichwort)	Y
Lolium perenne (perennial rye grass)		Hyacinthoides non-scripta (bluebell)	Y	Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)		Hypericum maculatum (imp St Johns-Wort)		Taraxacum officinale (dandelion)	Y
Melica uniflora (wood mellick)		Hypericum perforatum (pf St Johns-Wort)	Y	Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)		Hypericum tetrapterum (sq.sd StJns-Wort)		Trifolium medium (zig zag clover)	
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		Trifolium pratense (red clover)	Y
Phalaris arundinacea (reed canary grass)		Hypochaeris radicata (common cats ear)	Y	Trifolium repens (white clover)	Y
Phleum pratense (timothy grass)		Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	Y
Poa annua (annual meadow grass)	Y	Juncus acutiflorus (sharp-flowered rush)		Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)	Y	Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
Trisetum flavescens (yellow oat grass)		Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	Y
Achillea millefolium (yarrow)	Y	Juncus effusus (soft rush)	Y	Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)	Y	Veronica chamaedrys (gemdr. speedwell)	Y
Agrimonia eupatoria (agrimony)	Y	Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)	Y
Ajuga reptans (bugle)	Y	Juncus subnodulosus (blunt-flowerd rush)		Vicia sativa (common vetch)	
Alchemilla filicaulis (lady's mantle)		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	Y
Alliaria petiolata (garlic mustard)	Y	Lamiastrum galeobdolon (yellow archangel)	Y	Viola canina (heath dog-violet)	
Allium ursinum (ramsons)	Y	Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (Early dog-violet)	
Anemone nemorosa (wood anemone)	Y	Lathyrus pratensis (meadow vetchling)	Y	Viola riviniana (common dog violet)	Y
Angelica sylvestris (wild angelica)	Y	Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)	LF	Leontodon hispidus (rough hawkbit)			
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Other Species:	
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)	Y	Acer pseudoplatanus (Sycamore)	Y
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)	LF	Alchemilla mollis (Garden Lady's Mantle)	Y
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		Alder glutinosa (Alder)	Y
Cardamine pratensis (cuckoo flower)	Y	Lotus corniculatus (birds-foot trefoil)	LF	Anagallis arvensis (Scarlet Pimpernel)	Y
Carex caryophylla (spring sedge)	Y	Lotus uliginosus (greater birds-foot trefoil)		Anisantha sterilis (Barren Brome)	Y
Carex disticha (brown sedge)		Luzula campestris (field wood rush)	Y	Anthriscus sylvestris (Cow Parsley)	Y
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)		Anthyllis vulneraria (Kidney Vetch)	Y
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)		Aphanes arvensis (Parsley-Piert)	Y
Carex flacca (glaucous sedge)	Y	Melampyrum pratense (cow-wheat)		Arctium minus (Lesser Burdock)	Y
Carex nigra (common sedge)		Mentha aquatica (water mint)		Artemisia vulgaris (Mugwort)	Y
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)	Y	Arum maculatum (Lords & Ladies)	Y
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)	Y	Asplenium scolopendrium (Hart's Tongue Fern)	Y
Carex pseudocyperus (cyperus sedge)		Narcissus pseudonarcissus (wild daffodill)		Brachypodium sylvaticum (False-brome)	Y
Carex remota (Remote sedge)		Oenanthe crocata (Hemlock water dropwort).		Bromus hordeaceus (Soft Brome)	Y
Carex riparia (greater pond-sedge)		Ononis repens (common restharrow)		Bryonia dioica (White Bryony) ++	Y
Carex rostrata (bottle sedge)		Ophrys apifera (bee orchid) ++	Y	Buddleja davidii (Buddleia)	Y
Carex spicata (spiked sedge)		Orchis mascula (early purple orchid)		Calystegia sepium (Hedge Bindweed)	Y
Carex sylvatica (wood sedge)	Y	Orchis morio (green-winged orchid)		Capsella bursa-pastoris	Y
Centaurea nigra (common knapweed)	Y	Pilosella officinarum (mse-ear hawkweed)	Y	Carpinus betulus	O

<i>Centaurea scabiosa</i> (greater knapweed) ++	Y	Pimpinella saxifraga (burnet saxifrage)		<i>Cardamine flexuosa</i> (Wavy Bitter-cress)	Y
<i>Centaureum erythraea</i> (cmn centuary)	+	<i>Plantago lanceolata</i> (ribwort plantain)	Y	<i>Cardamine hirsuta</i> (Hairy Bitter-cress)	Y
<i>Cerastium holosteoides</i> (cmn. mouse-ear)	Y	<i>Polygala serpyllifolia</i> (heath milkwort)		<i>Carex pendula</i> (Pendulous Sedge)	Y
<i>Chrysosplenium oppositifolium</i> (op.l.gsxfg)		Polygala vulgaris (common milkwort)		<i>Carlina vulgaris</i> (Carlina Thistle)	Y
<i>Cirsium arvense</i> (creeping thistle)	Y	<i>Potentilla anserina</i> (silverweed)	Y	<i>Centranthus ruber</i> (Red Valerian)	Y
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)	Y	<i>Cerastium glomeratum</i> (Sticky Mouse-ear)	Y
<i>Cirsium palustre</i> (marsh thistle)	Y	<i>Potentilla reptans</i> (creeping cinquefoil)	Y	<i>Chamerion angustifolium</i> (Rosebay Willowherb)	Y
<i>Cirsium vulgare</i> (spear thistle)	Y	<i>Potentilla sterilis</i> (baren strawberry)	Y	<i>Chenopodium album</i> (Fat-hen)	Y
				<i>Chenopodium ficifolium</i> (Fig-leaved Goosefoot)	Y
				<i>Chenopodium polyspermum</i> (Many-seeded Goosefoot)	Y
				<i>Chelidonia majus</i> (Greater Celandine)	R
				<i>Circaea lutetiana</i> (Enchanter's Nightshade)	Y
				<i>Cirsium acaule</i> (Stemless Thistle) ++	R
				<i>Clinopodium vulgare</i> (Wild Basil)	LF
				<i>Clematis vitalba</i> (Traveller's Joy)	Y
				<i>Convolvulus arvensis</i> (Field Bindweed)	Y
				<i>Conyza floribunda</i> (Bilbao's Fleabane)	LF
				<i>Cornus sanguinea</i> (Dogwood)	Y
				<i>Coryllus avellana</i> (Hazel)	Y
				<i>Crataegus monogyna</i> (Hawthorn)	Y
				<i>Dipsacus fullonum</i> (Teasel)	Y
				<i>Dryopteris dilatata</i> (Broad Buckler Fern)	Y
				<i>Dryopteris filix-mas</i> (Male Fern)	Y
				<i>Epilobium hirsutum</i> (Great Willowherb)	Y
				<i>Epilobium montanum</i> (Broad-leaved Willowherb)	Y
				<i>Epilobium parviflorum</i> (Hoary Willowherb)	Y
				<i>Epilobium tetragonum</i> (Square-stalked Willowherb)	Y
				<i>Erodium cicutarium</i> (Common Stork's-bill)	Y
				<i>Euonymus europaeus</i> (Spindle)	Y
				<i>Fallopia japonica</i> (Japanese Knotweed)	Y
				<i>Ficaria verna</i> subsp. <i>fertilis</i>	Y
				<i>Fraxinus excelsior</i> (Ash)	Y
				<i>Fumaria officinalis</i> (Common Fumitory)	Y
				<i>Galium album</i> (Hedge Bedstraw)	Y
				<i>Galium aparine</i> (Cleavers)	Y
				<i>Geranium dissectum</i> (Cut-leaved Cranesbill)	Y
				<i>Geranium lucidum</i> (Shining Cranesbill)	Y
				<i>Geranium x oxonianum</i> (Druce's Cranesbill)	Y
				<i>Geum urbanum</i> (Wood Avens)	Y
				<i>Hedera helix</i> agg. (Ivy)	Y
				<i>Hieracium</i> agg. (Hawkweed sp.)	Y
				<i>Hirschfeldia incana</i> (Hoary Mustard)	LF
				<i>Humulus lupulus</i> (Hop)	Y
				<i>Hypericum androsaemum</i> (Tutsan)	Y
				<i>Hypericum hirsutum</i> (Hairy St. Johns Wort) ++	Y
				<i>Ilex aquifolium</i> (Holly)	Y
				<i>Impatiens glandulifera</i> (Himalayan Balsam)	Y
				<i>Inula conyza</i> (Ploughman's Spikenard)	LF
				<i>Juncus bufonius</i> sens. lat. (Toad Rush)	Y
				<i>Lactuca serriola</i> (Prickly Lettuce)	Y
				<i>Lamium album</i> (White Dead Nettle)	Y
				<i>Lapsana communis</i> (Nipplewort)	Y
				<i>Lathyrus sylvestris</i> (Narrow-leaved Everlasting Sweetpea) ++	LF
				<i>Lepidium didymium</i> (Lesser Swine-cress)	Y
				<i>Leycesteria formosa</i> (Himalayan Honeysuckle)	Y
				<i>Ligustrum vulgare</i> (Wild Privet)	Y
				<i>Linum catharticum</i> (Fairy Flax)	Y
				<i>Lithospermum officinale</i> (Gromwell) ++	LF
				<i>Lonicera nitida</i> (Wilson's Honeysuckle)	Y
				<i>Lonicera periclymenum</i> (Honeysuckle)	Y
				<i>Lysimachia nemorum</i> (Yellow Pimpernel)	Y
				<i>Lysimachia nummularia</i> (Creeping Jenny)	R

Malva moschata (Musk Mallow)	Y
Malva sylvestris (Common Mallow)	Y
Matricaria chamomilla (Scented Mayweed)	Y
Matricaria discoidea (Pineapple Weed)	Y
Medicago lupulina (Black Medick)	Y
Melica uniflora (Wood Melick)	Y
Melilotus latissimus (Tall Melilot)	LF
Mercurialis annua (Annual Mercury) ++	R
Moehringia trinervia (Three-nerved Sandwort)	R
Myosotis discolor (Changing Forget-me-not) ++	Y
Myosotis ramosissima (Early Forget-me-not)	R
Narcissus agg. (Cultivated Daffodil)	Y
Oenothera glazioviana (Large-flowered Evening-primrose)	F
Oenothera cambricum (Small-flowered Evening-primrose)	F
Origanum vulgare (Marjoram)	LA
Paeonia officinalis (Garden Peony)	R
Papaver rhoeas (Poppy)	R
Papaver somniferum (Opium Poppy)	Y
Pentaglottis sempervirens (Green Alkanet)	Y
Plantago major (Greater Plantain)	Y
Poa nemoralis (Wood Meadow-grass)	Y
Prunus spinosa (Blackthorn)	Y
Quercus petraea (Sessile Oak)	Y
Quercus robur (Pedunculate Oak)	Y
Reseda luteola (Weld)	F
Ribes rubrum (Red Currant)	Y
Ribes uva-crispa (Gooseberry)	Y
Rosa arvensis (Field Rose)	Y
Rosa canina agg. (Dog Rose)	Y
Rumex crispus (Curled Dock)	Y
Rumex obtusifolius (Broad-leaved Dock)	Y
Rumex sanguineus (Wood Dock)	Y
Salix caprea (Goat Willow)	Y
Salix cinerea subsp. Oleifolia (Grey "Rusty" Willow)	Y
Sambucus nigra (Elder)	Y
Samolus valerandii (Brookweed) ++	VLF
Schedonorus arundinaceus (Tall Fescue)	Y
Schedonorus pratensis (Meadow Fescue)	Y
Scrophularia auriculata (Water Figwort)	Y
Sedum acre (Biting Stonecrop)	Y
Sedum album (White Stonecrop)	LF
Senecio erucifolius (Hoary Ragwort)	Y
Sherardia arvensis (Field Madder)	R
Silene dioica (Red Champion)	Y
Silene vulgaris subsp. Vulgaris (Bladder Champion)	Y
Sisymbrium officinale (Hedge Mustard)	Y
Solanum dulcamara (Bittersweet)	Y
Solanum nigrum (Black Nightshade)	Y
Sonchus asper (Prickly Sow-thistle)	Y
Sonchus oleraceus (Smooth Sow-thistle)	Y
Stachys sylvatica (Hedge Woundwort)	Y
Stellaria media (Common Chickweed)	Y
Symphoricarpos albus (Snowberry)	Y
Symphytum officinale (Common Comfrey)	Y
Symphytum x uplandicum (Russian Comfrey)	Y
Syringa vulgaris (Lilac)	Y
Tamus communis (Black Bryony)	Y
Taraxacum agg. (Dandelion)	Y
Teucrium scorodonia (Wood Sage)	Y
Tilia x europaea (Common Lime)	Y
Trifolium campestre (Hop Trefoil)	Y
Trifolium dubium (Lesser Trefoil)	Y
Trifolium hybridum (Alsike Clover)	Y
Tripleurospermum inodorum (Scentless	Y

Mayweed)	
<i>Typha latifolia</i> (Greater Reedmace)	Y
<i>Ulmus glabra</i> (Wych Elm)	Y
<i>Ulmus procera</i> (English Elm)	Y
<i>Urtica dioica</i> (Stinging Nettle)	Y
<i>Valeriana officinalis</i> (Common Valerian)	Y
<i>Valerianella carinata</i> (Keeled-fruited Cornsalad) ++	Y
<i>Verbascum Thapsus</i> (Great Mullein)	Y
<i>Verbena officinalis</i> (Vervain)	Y
<i>Veronica arvensis</i> (Wall Speedwell)	Y
<i>Veronica hederifolia</i> subsp. <i>Lucorum</i> (Ivy-leaved Speedwell)	Y
<i>Veronica montana</i> (Wood Speedwell)	Y
<i>Veronica persica</i> (Common Field-Speedwell)	Y
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)	Y
<i>Viola odorata</i> (Sweet Violet)	Y
<i>Viola hirta</i> (Hairy Violet) ++	LF
<i>Vulpia bromoides</i> (Squirreltail Fescue)	Y

Key to colour coding of grassland species list

Species in **Bold** equals indicator species for Neutral grasslands

Species in **Blue** equals indicator species for Calcareous grasslands

Species in **Pink** equals indicator species for either Acid or Marsh grasslands (that are not also on the Neutral or Calcareous lists)

Species in **Green** are characteristic species of Post-Industrial land that if present and taken in to account along with any other indicator species for Neutral/Calcareous, Acid/Marshy can determine nature conservation value of these sites.

Species with ++ equals a species from the contributory species list.