

# Gwent Wildlife Site/SINC Notification Form (WS/ST48/18)

## SITE SUMMARY

SITE NAME: **Rogiet Country Park**

GRID REF: **S T 4 5 8 8 7 4**

SIZE (approx.): **c. 14 Ha**

DATE OF SURVEY: **04/06/2011**

HEIGHT IN M: **10**

SURVEYOR(S): **G. Horup, D. Green, R. Stallard, S. Tyler, D. Hampson, M. Anthony & R. Whittaker (SEWBReC Biodiversity Blitz day)**

LOCAL AUTHORITY AREA:  
**Monmouthshire County Council**

WARD: **Rogiet**

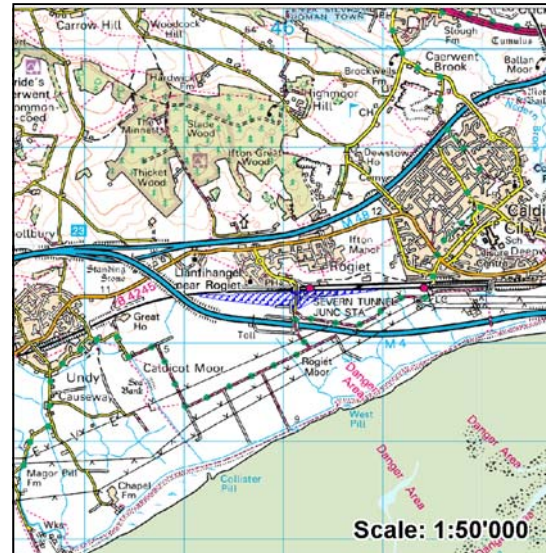
MAIN HABITAT TYPES PRESENT:

Habitat types	NVC	Area (ha)
Post-Industrial Land (inc bare ground, wet grassland, scrub, ponds, ditch)	-	-

LBAP PRIORITY HABITATS/SPECIES PRESENT?

UKBAP:  
 Grass snake *Natrix natrix*  
 Slow worm *Anguis fragilis*  
 Otter *Lutra lutra*

SKETCH MAP OF SITES LOCATION:



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

Rogiet Country Park is owned and managed by Monmouthshire County Council as an area of amenity land. The site is adjacent to the Caldicot and Wentlog Levels; two areas of low-lying estuarine alluvial wetland and intertidal mudflats adjoining the north bank of the Severn estuary. It is situated immediately north of the M4 toll bridge.

The site lies both to the western and eastern side of Station Road that leads south from Rogiet. The site is accessible via a track on both sides of station road leading to a car park and gravel path. The brownfield site supports a mixture of bare ground, early successional communities, scrub, ruderals, wet grassland and open water (ditches/pond) and despite a problem with invasive plants supports good botanical interest (see SEWBReC bioblitz list) and good scope for reptile, amphibian, bird and invertebrate interest (e.g. dingy skipper & shrill carder bee)

The northern boundaries are fenced where there is an active railway line connecting to the Severn Tunnel Rail Station. To the south of the western site lies a site with ponds, reens and ditches with adjacent scrub vegetation.

The eastern stretch comprises of an area of wet grassland which has been described as being below sea level. The southern edge of the boundary is fenced and a wet ditch runs along it. Here the vegetation is closely associated with the adjacent wet grassland with dominant rush species (*Juncus sp.*). In the eastern section there is a small area of coppice which is out of rotation. Scrub species include frequent Willow (*Salix sp.*) occasional Birch (*Betula sp.*) Dog Wood (*Cornus sanguinea*) and Hawthorn (*Crataegus monogyna*) and a rare occurrence of Cherry (*Prunus avium*).

The site is becoming overgrown with scrub and invasive species such as bramble (*Rubus sp.*) and buddleia (*Buddleja davidii*). Problems with invasive species are being addressed by a joint volunteer/MCC/Keep Wales Tidy effort. Japanese knotweed (*Fallopia japonica*) is also present but is being treated. In the ponds there was dominant cover of the aquatic invasive water fern (*Azolla filiculoides*).

Official Use Only: Site selected as a Wildlife Site/SINC? YES  NO  Date: 2/2/12

## DETAILED SITE INFORMATION

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

HELD BY GWT

Is/are the owner(s)

i) aware of the site's nature conservation value?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
ii) managing the land sympathetically?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
iii) willing to manage the land sympathetically?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Unknown <input type="checkbox"/>

Describe the access to the site:

The site can be reached from Station Road leading south from Rogiet crossing over the railway. The site extends a similar distance east and west of the road and there is a car park at the main entrance on both sides.

Are there any public rights of way on the site?

Yes  No

If so please describe their location:

From the eastern car park you can pass through a kissing gate for access to tracks extending throughout the site. On the western side various tracks lead into and throughout the site to the far end. Tracks are wide and reasonably well maintained as they are used by work vehicles on an occasional basis.

What is the current management at the site?

Japanese knotweed and buddleia are treated by Monmouthshire County Council and volunteers from friends of Rogiet Country Park. Waterways are managed by Caldicot and Wentlodge drainage board. Friends of Rogiet Country Park organise litter picking, encroaching scrub removal and general volunteer land management.

Are there any threats to the site?

Scrub encroaching onto grassland.  
Spread of invasive shrubs.  
Aquatic invasive species.

Are there any invasive species present?

Water fern (*Azolla filiculoides*)  
Japanese knotweed (*Fallopia japonica*)  
Buddleia (*Buddleja davidii*)

Are there any protected species present?

Grass snake *Natrix natrix*  
Slow worm *Anguis fragilis*  
Otter *Lutra lutra*

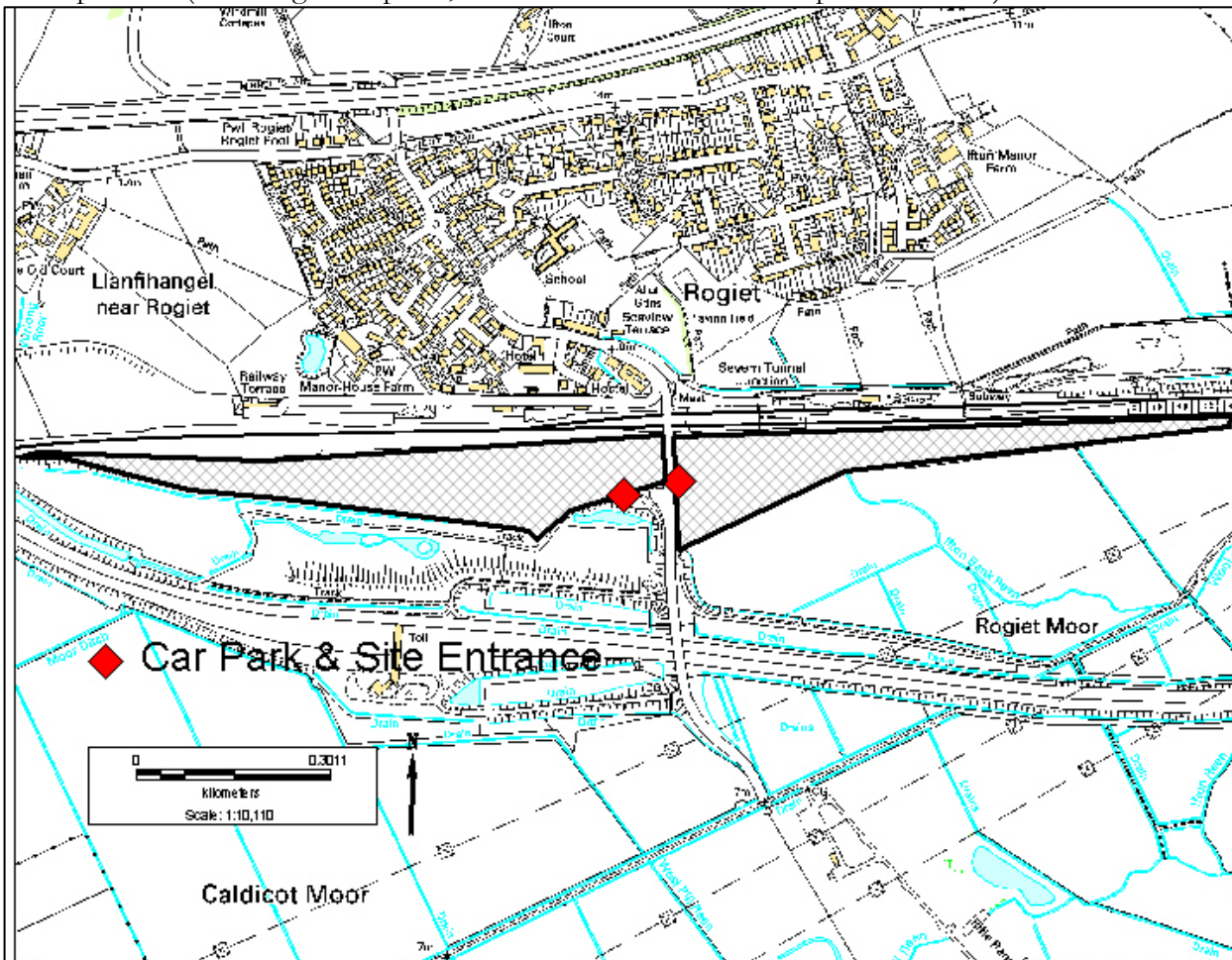
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

The site qualifies under **H18 Post Industrial Habitat** indicated with more than 20 plant species from the combined list of grassland species outlined in the guidelines for SINC selection in South Wales.  
Supporting reasons for qualifying include usage of the site by the following UKBAP species: Grass snake (*Natrix natrix*), Slow worm (*Anguis fragilis*) and otter (*Lutra lutra*).

Is the site part of any grant schemes? 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):



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

Walkover survey, Survey Report & Management Plan by Julie Smith, 20/10/10  
SEWBRc Biodiversity Blitz 4<sup>th</sup> June 2011

**OFFICE USE ONLY**

Site no.:

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: Rogiet Country Park		GRASSLAND SPECIES			
FIELD NUMBER:		DATE:			
	D		D	D	
Agrostis tenuis (common bent)		Centaurea scabiosa (greater knapweed)		Myosotis arvensis (field forget-me-not)	X
Agrostis stolonifera (creeping bent)		Centaureum erythraea (cmmn century)	X	Narcissus pseudonarcissus (wild daffodill)	
Aira praecox (early hair-grass)		Cerastium holosteoides(cmn. mouse-ear)		Oenanthe crocata (hmck water-dropwort)	
Alopecurus geniculatus (marsh foxtail)		Chrysosplenium oppositifolium (op.l.gsxfg)		Ononis repens (common restharrow)	
Alopecurus pratensis (meadow foxtail)		Cirsium arvense (creeping thistle)	X	Ophrys apifera (bee orchid)	
Anthoxanthum odoratum(sweet vnl grass)		Cirsium dissectum (meadow thistle)		Orchis mascula (early purple orchid)	
Arrhenatherum elatius (false oat grass)		Cirsium palustre (marsh thistle)		Orchis morio (green-winged orchid)	
Brachypodium pinnatum (tor grass)		Cirsium vulgare (spear thistle)		Orobranche minor (common broomrape)	X
Briza media (quaking grass)		Conopodium majus (pignut)		Picris echioides (bristly ox-tongue)	X
Bromopsis erecta (upright brome)		Crepis capillaris (smooth hawks-beard)	X	Pilosella officinarum (mse-ear hawkweed)	
Bromus commutatus (meadow brome)		Crepis biennis (rough hawks-beard)		Pimpinella saxifraga (burnet saxifrage)	
Bromus racemosus (smooth brome)		Dactylorhiza fuchsii (c. spotted orchid)		Plantago lanceolata (ribwort plantain)	X
Cynosurus cristatus (crested dog's tail)		Dactylorhiza praetermissa (s.msh orchid)		Polygala serpyllifolia (heath milkwort)	
Dactylis glomerata (cocks foot)		Daucus carota (wild carrot)	X	Polygala vulgaris (common milkwort)	
Danthonia decumbens (heath grass)		Equisetum arvense (field horsetail)		Potentilla anglica (trailing tormentil)	X
Deschampsia caespitosa (tftd hair grass)		Erica cinerea (bell-heather)		Potentilla anserina (silverweed)	
Deschampsia flexuosa (wavy hair-grass)		Erica tetralix (cross-leaved heath)		Potentilla erecta (tormentil)	
Eriophorum angustifolium(cmn cttngrass)		Eupatorium cannabinum (hemp-agrimony)		Potentilla reptans (creeping cinquefoil)	X
Festuca ovina (sheep's fescue)		Euphorbia amygdaloides (wood spurge)		Potentilla sterilis (barren strawberry)	
Festuca rubra (red fescue)		Euphrasia officinalis agg. (eyebright)		Primula veris (cowslip)	
Glyceria fluitans (floating sweet-grass)		Filipendula ulmaria (meadowsweet)		Prunella vulgaris (self-heal)	X
Helictotrichon pratense (mdw oat-grass)		Fragaria vesca (wild strawberry)	X	Pteridium aquilinum (bracken)	
Holcus lunatus (yorkshire fog)		Galium odoratum (sweet woodruff)		Pulicaria dysenterica (fleabane)	
Holcus mollis (creeping soft grass)		Galium palustre (marsh-bedstraw)		Ranunculus acris (meadow buttercup)	X
Lolium perenne (perennial rye grass)		Galium saxatile (heath bedstraw)		Ranunculus auricomus (gldlcks buttercup)	
Milium effusum (wood millet)		Galium verum (lady's bedstraw)		Ranunculus bulbosus (bulbous buttercup)	
Melica uniflora (wood mellick)		Genista tinctoria (dyers greenweed)		Ranunculus flammula (lesser spearwort)	
Molinia caerulea (purple moor-grass)		Geranium pratense (meadow cranes bill)		Ranunculus repens (creeping buttercup)	X
Nardus stricta (mat grass)		Geranium robertianum (herb robert)	X	Rhinanthus minor (yellow rattle)	
Phalaris arundinacea (reed canary grass)		Glechoma hederacea (ground ivy)		Rubus fruticosus (bramble)	X
Phleum pratense (timothy grass)		Helianthemum nummularium (rock-rose)		Rumex acetosa (common sorrel)	X
Poa annua (annual meadow grass)		Heracleum sphondylium (hogweed)		Rumex acetosella (sheeps sorrel)	
Poa trivialis (rough meadow grass)		Hyacinthoides non-scripta (bluebell)		Sanguisorba minor (salad burnet)	
Trisetum flavescens (yellow oat grass)		Hypericum maculatum(imp StJohns-Wort)		Scabiosa columbaria (small scabious)	
Achillea millefolium (yarrow)		Hypericum perforatum (pf St Johns-Wort)	X	Scrophularia nodosa (figwort)	X
Achillea ptarmica (sneezewort)		Hypericum tetrapterum (sq.sd StJns-Wort)		Senecio aquaticus (marsh ragwort)	
Agrimonia eupatoria (agrimony)	X	Hypochoeris glabra (smooth cats ear)		Senecio erucifolius (hoary ragwort)	X
Ajuga reptans (bugle)		Hypochoeris radicata (common cats ear)	X	Senecio jacobea (ragwort)	X
Alchemilla filicaulis (Lady's mantle)		Iris pseudacourus (yellow flag)	X	Silaum silaus (pepper-saxifrage)	
Alliaria petiolata (garlic mustard)		Jasione montana (sheep's bit)		Stachys officinalis (betony)	
Allium ursinum (ramsons)		Juncus acutiflorus (sharp-flowered rush)		Stachys palustris (marsh woundwort)	
Anemone nemorosa (wood anemone)		Juncus articulatus (jointed rush)		Stachys sylvatica (hedge woundwort)	X
Angelica sylvestris (wild angelica)		Juncus conglomeratus (compact rush)		Stellaria graminea (lesser stichwort)	
Blackstonia perfoliata (yellow-wort)		Juncus effusus (soft rush)		Stellaria holostea (greater stichwort)	
Calluna vulgaris (ling heather)		Juncus inflexus (hard rush)	X	Succisa pratensis (devils bit-scabious)	
Caltha palustris (marsh marigold)		Juncus squarrosus (heath rush)		Taraxacum officinale (dandelion)	
Campanula rotundiflora (harebell)		Juncus subnodulosus (blunt-flowerd rush)		Thymus polytrichus (wild thyme)	
Campanula trachelium (net-lvd bellflower)		Knautia arvensis (field scabious)		Trifolium campestre (hop trefoil)	X
Cardamine pratensis (cuckoo flower)		Lamiastrum galeobdolon(yellow archangel)		Trifolium medium (zig zag clover)	
Carex caryophylla (spring sedge)		Lathyrus nissolia (grass vetchling)		Trifolium pratense (red clover)	
Carex disticha (brown sedge)		Lathyrus pratensis (meadow vetchling)		Trifolium repens (white clover)	X
Carex divulsa (grey sedge)		Leontodon autumnalis (autumn hawkbit)	X	Tragopogon pratensis (goat's-beard)	
Carex echinata (star sedge)		Leontodon hispidus (rough hawkbit)		Vaccinium myrtillus (bilberry)	
Carex flacca (glaucous sedge)		Leontodon saxatilis (lesser hawkbit)	X	Valeriana dioica (marsh valerian)	
Carex nigra (common sedge)		Leucanthemum vulgare (oxeye daisy)	X	Valeriana officinalis (common valerian)	
Carex ovalis (oval sedge)		Linum catharticum (fairy flax)		Verbascum Thapsus (common mullein)	X
Carex panicea (carnation sedge)		Linum repens (pale toadflax)	X	Veronica beccabunga (brooklime)	
Carex pendula (pendulous sedge)		Listera ovata (tway-blade orchid)		Veronica chamaedrys (gemdr. speedwell)	
Carex remota (distant sedge)		Lotus corniculatus (birds-foot trefoil)	X	Vicia cracca (tufted vetch)	
Carex riparia (greater pond-sedge)		Lotus uliginosus(greater birds-foot trefoil)		Vicia sativa (common vetch)	X
Carex rostrata (bottle sedge)		Luzula campestris (field wood rush)		Vicia sepium (bush vetch)	
Carex spicata (spiked sedge)	X	Luzula multiflora (heath wood-rush)	X	Viola canina (heath dog-violet)	
Carex sylvatica (wood sedge)		Lychnis flos-cuculi (ragged robin)		Viola reichenbachiana (pale dog-violet)	

Centaurea nigra (common knapweed)		Melampyrum pratense (cow-wheat)	Viola riviniana (common dog violet)	
Acer campestre (field maple)		Mentha aquatica (water mint)	Wahlenbergia hederacea (ivy-lvd bl-flower)	
<b>SITE NAME:</b>		Mercurialis perennis (dog's-mercury)	Arctium lappa (greater burdock)	X
<b>FIELD NUMBER:</b>	D	Campanula trachelium(ntl-lvd bellflower)	Ballota nigra (black horehound)	X
Acer pseudoalanus (sycamore)		<b>WOODLAND SPECIES</b>	Calamagrostis epigejos (wood reed grass)	X
Aesculus hippocastanum (horse chestnut)		<b>DATE:</b>	Carex otrubae (false fox sedge)	X
Alnus glutinosa (alder)		Corydalis claviculata (climbing corydalis)	Dipsacus fullonum (teasel)	X
Betula pendula (silver birch)		Danthonia decumbens (heath grass)		
Castanea sativa (sweet chestnut)		Daphne laureola (spurge laurel)		
Corylus avellana (hazel)		Daphne mezereum (mezeron)		D
Craetagus monogyna (hawthorn)	X	Deschampsia caespitosa (tftd hair grass)	Scrophularia nodosa (figwort)	
Fagus sylvatica (beech)		Deschampsia flexuosa (wavy hair grass)	Silene dioica (red campion)	
Fraxinus excelsior (ash)		Dryopteris aemula(hay-scented bcklr fern)	Stachys sylvatica (hedge woundwort)	
Larix decidua (larch)		Dryopteris affinis (scaly male fern)	Stellaria holostea (greater stichwort)	
Malus sylvestris (crab apple)		Elymus caninus (bearded couch-grass)	Stellaria neglecta (greater chickweed)	
Pinus sylvestris (Scots Pine)		Epipactis helleborine(b-leaved helleborine)	Stellaria nemorum (wood stichwort)	
Populus tremula (aspen)		Equisetum sylvaticum (wood horsetail)	Taraxacum officinale (dandelion)	
Prunus avium (wild cherry)	X	Euonymus europaeus (spindle)	Valeriana dioica (marsh valerian)	
Prunus padus (bird cherry)		Euphorbia amygdaloides (wood spurge)	Valeriana officinalis (common valerian)	
Prunus spinosa (blackthorn)		Festuca gigantea (giant fescue)	Veronica beccabunga (brooklime)	
Quercus petraea (sessile oak)		Filipendula ulmaria (meadowsweet)	Veronica chamaedrys (gemdr. speedwell)	
Quercus robur (pendunculate oak)		Fragaria vesca (wild strawberry)	Veronica hederacea (ivy leaved speedwell)	
Rhamnus catharticus (buckthorn)		Frangula alnus (alder buckthorn)	Veronica montana (wood speedwell)	
Sorbus aria (whitebeam)		Galium aparine (cleaver)	Vicia sylvatica (wood vetch)	
Sorbus aucuparia (rowan)		Galium odoratum (sweet woodruff)	Viola reichenbachiana (pale dog violet)	
Sorbus torminalis (wild service)		Geranium robertianum (herb robert)	Viola riviniana (common dog violet)	
Taxus baccata (yew)		Geum rivale (water avens)		
Tilia cordata (small-leaved lime)		Glechoma hederacea (ground ivy)		
Ulmus glabra (wych elm)		Gymnocarpium dryopteris (oak fern)		
		Heracleum sphondylium (hogweed)		
Euonymus europaeus (spindle)		Holcus lanatus (yorkshire fog)		
Ilex aquifolium (holly)		Holcus mollis (creeping soft grass)		
Lonicera periclymenum (honeysuckle)		Hyacinthoides non-scripta (bluebell)		
Pteridium aquilinum (bracken)		Hypericum androsaemum (tutsan)		
Ribes rubrum (redcurrant)		Hedera helix (ivy)		
Rosa arvensis (field rose)		Iris foetidissima (stinking iris)		
Rosa canina (dog rose)		Lamiastrum galeobdolon (yflw archangel)		
Rubus fruticosus (bramble)		Lathraea squamaria (toothwort)		
Thelycrania sanguinea (dogwood)	X	Listera ovata (tway-blade orchid)		
Vaccinium myrtillus (bilberry)		Luzula forsteri (southern woodrush)		
Viburnum opulus (guelder rose)		Luzula pilosa (hairy woodrush)		
Visum album (mistletoe)		Luzula sylvatica (great woodrush)		
		Lysimachia nemorum (yellow pimpernel)		
Adoxa moschatellina (moshatel)		Melampyrum pratense (cmn cow-wheat)		
Aegopodium podararia (ground elder)		Melica uniflora (wood mellick)		
Aira praecox (early hair-grass)		Melittis melissophyllum (bastard balm)		
Alliaria petiolata (garlic mustard)		Mercurialis perennis (dog's mercury)		
Allium ursinum (ramsons)		Milium effusum (wood millet)		
Anemone nemorosa (wood anemone)		Moehringia trinervium (3-nerved sandwort)		
Angelica sylvestris (wild angelica)		Narcissus pseudonarcissus (wild daffodill)		
Anthoxanthum odoratum(sweet vnl grass)		Neottia nidus-avis (bird's nest orchid)		
Anthriscus sylvestris (cow parsley)		Nettle (Urtica dioica)		
Aquilegia vulgaris (columbine)		Oenanthe crocata (hmlck water-dropwort)		
Arum maculatum (lords and ladies)		Orchis mascula (early purple-orchid)		
Asplenium scolopendrium (hartstnge fern)		Oxalis acetosella (wood sorrel)		
Blechnum spicant (hard fern)		Paris quadrifolia (herb-Paris)		
Bromus ramosus (hairy brome)		Plantago lanceolata (ribwort plantain)	FAUNA RECORDED ON SITE:	
Cardamine pratensis (cuckoo flower)		Platanthera chlorantha (g butterfly orchid)	Bombus lucorum (white tailed bumblebee)	X
Carex laevigata (smooth-stalked sedge)		Poa nemoralis (wood meadow grass)	Bombus pascorum (common carder bumblebee)	X
Carex pallescens (pale sedge)		Polygonatum multiflorum (solomon's seal)	Bombus terrestris (Buff-tailed bumblebee)	X
Carex pendula (pendulous sedge)		Polystichum aculeatum (hard shield fern)	Chorthippus brunneus (field grasshopper)	X
Carex remota (distant sedge)		Polystichum setiferum (soft shield fern)	Coenonympha pamphilus (small heath)	X
Carex strigosa (thin-spiked wood-sedge)		Potentilla anserina (silverweed)	Erynnis tages (dingy skipper)	X
Carex sylvatica (wood sedge)		Potentilla erecta (tormentil)	Persicaria maculata (redshank)	X
Chrysosplenium alternifolium(a-lvd gs)		Potentilla reptans (creeping cinquefoil)	Polyommatus icarus (common blue butterfly)	X
Chrysosplenium oppositifolium(ot-lvd gs)		Potentilla sterilis (barren strawberry)	Shargacucullia verbasci larvae (mullien moth)	X
Conopodium majus (pignut)		Ranunculus ficaria (lesser celandine)	Tyria jacobaeae (cinnabar moth)	X
Convallaria majalis (lily-of-the-valley)		Rumex acetosa (common sorrel)		

	Sanicula europaea (sanicle)		
	Scirpus sylvaticus (wood club-rush)		