

Appendix VI

Additional Botanical Survey

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July 2014



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Cover picture taken at SP98799922 looking North along the Eastern ride.

1.0 Introduction

This report has been generated as part of an additional botanical survey that was undertaken on the 20th July 2014 to fulfil the recommendations made within the initial report (Handley 2014) to record species that were not identifiable in early May. The appendix contains a full species list that represents what can be considered a complete list of vascular plants recorded at Fineshade Woodland in 2014. The analysis sets these species in context.

2.0 Analysis

2.1 Additional species

An additional 38 species were identified within the subsequent survey, 5 of them being axiophytes*.

Table 1: Additional flora species identified in survey area

Taxon	Vernacular	Comment
<i>Betonica officinalis</i>	Betony	
<i>Brachypodium pinnatum</i>	Heath False-brome*	
<i>Calystegia sepium subsp. sepium</i>	Hedge Bindweed	
<i>Carex otrubae</i>	False Fox-sedge*	
<i>Centaureum erythraea</i>	Common Centaury*	
<i>Cirsium eriophorum</i>	Woolly Thistle	1 plant at SP98719874
<i>Clinopodium vulgare</i>	Wild Basil*	
<i>Crepis capillaris</i>	Smooth Hawk's-beard	
<i>Elytrigia repens</i>	Common Couch	
<i>Epilobium obscurum</i>	Short-fruited Willowherb	
<i>Euphrasia nemorosa</i>		
<i>Galium album</i>	Hedge Bedstraw	
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	
<i>Glyceria declinata</i>	Small Sweet-grass	
<i>Helminthotheca echioides</i>	Bristly Oxtongue	
<i>Holcus mollis</i>	Creeping Soft-grass	
<i>Hypericum x desetangsii</i>	H. maculatum x perforatum	
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	
<i>Juncus conglomeratus</i>	Compact Rush	
<i>Lapsana communis</i>	Nipplewort	
<i>Malus sylvestris</i>	Crab Apple	
<i>Malva moschata</i>	Musk-mallow	
<i>Medicago lupulina</i>	Black Medick	
<i>Mentha arvensis</i>	Corn Mint	
<i>Odontites vernus subsp. serotinus</i>	Red Bartsia	
<i>Origanum vulgare</i>	Wild Marjoram*	
<i>Pastinaca sativa subsp. sylvestris</i>	Wild Parsnip	
<i>Phleum pratense</i>	Timothy	

<i>Pulicaria dysenterica</i>	Common Fleabane	
<i>Rosa arvensis</i>	Field-rose	
<i>Schedonorus arundinaceus</i>	Tall Fescue	
<i>Senecio erucifolius</i>	Hoary Ragwort	
<i>Solanum dulcamara</i>	Bittersweet	
<i>Sonchus arvensis</i>	Perennial Sow-thistle	
<i>Stellaria graminea</i>	Lesser Stitchwort	
<i>Torilis japonica</i>	Upright Hedge-parsley	
<i>Trifolium dubium</i>	Lesser Trefoil	
<i>Trisetum flavescens</i>	Yellow Oat-grass	

Axiophytes

Axiophytes are 'worthy plants' - the 40% or so of species that arouse interest and praise from botanists when they are seen. They are indicators of habitat that is considered important for conservation, such as ancient woodlands, clear water and species-rich meadows. A list of axiophytes within Northamptonshire has yet to be created, therefore the list of axiophytes that has been created for Lincolnshire has been used (the nearest neighbouring vice county for which a list exists, BSBI Axiophytes 2014). In this context 50 axiophytes were recorded as indicated below.

Table 2: Axiophytes identified in survey area

Axiophyte	Occurrence on site	Axiophyte	Occurrence on site
<i>Acer campestre</i>	Frequent	<i>Lathyrus pratensis</i>	Rare
<i>Agrimonia eupatoria</i>	Rare	<i>Lotus corniculatus</i>	Rare
<i>Agrostis canina</i>	Rare	<i>Lotus pedunculatus</i>	Rare
<i>Ajuga reptans</i>	Abundant	<i>Lycopus europaeus</i>	Rare
<i>Anemone nemorosa</i>	Occasional	<i>Lysimachia nummularia</i>	Rare
<i>Angelica sylvestris</i>	Abundant	<i>Mercurialis perennis</i>	Occasional
<i>Brachypodium pinnatum</i>	Occasional	<i>Ophioglossum vulgatum</i>	Rare
<i>Calamagrostis epigejos</i>	Dominant	<i>Origanum vulgare</i>	Rare
<i>Cardamine pratensis</i>	Rare	<i>Oxalis acetosella</i>	Rare
<i>Carex otrubae</i>	Rare	<i>Pimpinella major</i>	Rare
<i>Carex remota</i>	Abundant locally	<i>Potentilla erecta</i>	Rare
<i>Carex sylvatica</i>	Abundant locally	<i>Potentilla sterilis</i>	Rare
<i>Centaurea nigra</i>	Rare	<i>Primula veris</i>	Occasional
<i>Centaurium erythraea</i>	Rare	<i>Sanicula europaea</i>	Rare
<i>Clinopodium vulgare</i>	Occasional	<i>Schedonorus giganteus</i>	Rare
<i>Daphne laureola</i>	Rare	<i>Scrophularia nodosa</i>	Rare
<i>Dryopteris affinis</i>	Occasional	<i>Solanum dulcamara</i>	Rare
<i>Euonymus europaeus</i>	Rare	<i>Sorbus torminalis</i>	Rare
<i>Galium odoratum</i>	Rare	<i>Stellaria holostea</i>	Rare
<i>Galium palustre</i>	Rare	<i>Valeriana officinalis</i>	Occasional
<i>Hyacinthoides non-scripta</i>	Occasional	<i>Veronica montana</i>	Occasional

<i>Hypericum hirsutum</i>	Occasional	<i>Veronica officinalis</i>	Rare
<i>Hypericum perforatum</i>	Common	<i>Viburnum opulus</i>	Rare
<i>Hypericum tetrapterum</i>	Rare	<i>Vicia sepium</i>	Rare
<i>Juncus acutiflorus</i>	Rare	<i>Viola riviniana</i>	Rare

2.2 Ancient Woodland Indicators

21 Ancient Woodland Indicators were recorded of which the species marked in **bold** are strong indicators. **No additional Ancient Woodland Indicators were recorded within the July survey.**

Table 3: Ancient Woodland Indicators identified in survey area

Ancient Woodland Indicator	Occurrence on site
<i>Acer campestre</i>	Frequent throughout
<i>Anemone nemorosa</i>	Occasional throughout
<i>Arum maculatum</i>	Frequent throughout
<i>Carex remota</i>	Restricted to deer enclosure and immediate surrounds
<i>Carex sylvatica</i>	Locally abundant
<i>Cornus sanguinea</i>	Occasional throughout
<i>Daphne laureola</i>	1 plant at SP98279876
<i>Dryopteris affinis</i>	Occasional throughout
<i>Euonymus europaeus</i>	Restricted to deer enclosure
<i>Galium odoratum</i>	Rare
<i>Helleborus viridis</i>	1 plant opposite Top Lodge cottage SP98629863 possibly introduced
<i>Hyacinthoides non-scripta</i>	Occasional throughout Ash woodland
<i>Lamium galeobdolon ssp. montanum</i>	Occasional throughout Ash woodland
<i>Mercurialis perennis</i>	Occasional throughout Ash woodland
<i>Oxalis acetosella</i>	Occasional throughout both Ash and Oak woodland
<i>Potentilla sterilis</i>	Common throughout
<i>Sanicula europaea</i>	Rare
<i>Schedonorus gigantea</i>	Restricted around deer enclosure
<i>Sorbus torminalis</i>	Occasional throughout western area of <i>Calamagrostis</i> scrub
<i>Ulmus glabra</i>	One tree between the uniform Oak woodland and <i>Calamagrostis</i> scrub
<i>Veronica montanum</i>	Occasional throughout Ash woodland
<i>Viburnum opulus</i>	Within the South-Eastern hedgerow

3.0 References

Botanical Society of the British Isles (2011). BSBI Axiophyte concept [online]. Available at <http://bsbi.org.uk/axiophytes.html> (accessed May 2014).

Handley J. (2014) Fineshade Woodland – Forest Homes Development.

Whild S. (2010) Axiophytes in the Landscape, PowerPoint Presentation, [online]. Available at

http://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CDIQFjAA&url=http%3A%2F%2Fbn.org.uk%2Fbnbn_wide%2Fmedia%2FDocuments%2FConferences%2FPresentations%2F8-Sarah-Whild-Axiophytes-in-the-landscape.pptx&ei=0MJ5U7v8LIWd0AWR14HYCg&usq=AFQjCNH-5INDTyhvFEP5x6MWsVGv58ZQUQ&sig2=DTr4R6ValtQtmOed0cEosQ&bvm=bv.66917471.d.bGQ (accessed May 2014).

4.0 Appendix

4.1 Monad Species lists

4.1.1 SP9898

Recorder:	John Handley	
Date:	10th May & 20th July 2014	
Location:	SP9898	
Taxon	Vernacular	Comment
<i>Acer campestre</i>	Field Maple	
<i>Acer pseudoplatanus</i>	Sycamore	
<i>Achillea millefolium</i>	Yarrow	
<i>Aegopodium podagraria</i>	Ground-elder	Patch located by Top Lodge cottage
<i>Agrimonia eupatoria</i>	Agrimony	
<i>Agrostis canina</i>	Velvet Bent	
<i>Agrostis capillaris</i>	Common Bent	
<i>Agrostis stolonifera</i>	Creeping Bent	
<i>Agrostis stolonifera</i>	Creeping Bent	
<i>Ajuga reptans</i>	Bugle	
<i>Alopecurus pratensis</i>	Meadow Foxtail	
<i>Anemone nemorosa</i>	Wood Anemone	
<i>Angelica sylvestris</i>	Wild Angelica	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	
<i>Anthriscus sylvestris</i>	Cow Parsley	
<i>Arrhenatherum elatius</i>	False Oat-Grass	
<i>Arum maculatum</i>	Lords-and-Ladies	
<i>Athyrium filix-femina</i>	Lady-fern	
<i>Bellis perennis</i>	Daisy	
<i>Betonica officinalis</i>	Betony	
<i>Betula pendula</i>	Silver Birch	
<i>Brachypodium pinnatum</i>	Heath False-brome	
<i>Brachypodium sylvaticum</i>	False-brome	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Calystegia sepium subsp. sepium</i>	Hedge Bindweed	
<i>Carex flacca</i>	Glaucous Sedge	
<i>Carex hirta</i>	Hairy Sedge	

<i>Carex otrubae</i>	False Fox-sedge	
<i>Carex sylvatica</i>	Wood-sedge	
<i>Carpinus betulus</i>	Hornbeam	
<i>Centaurea nigra</i>	Common Knapweed	
<i>Cerastium fontanum</i>	Common Mouse-ear	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	
<i>Circaea lutetiana</i>	Enchanter's-nightshade	
<i>Cirsium arvense</i>	Creeping Thistle	
<i>Cirsium eriophorum</i>	Woolly Thistle	1 plant at SP98719874
<i>Cirsium palustre</i>	Marsh Thistle	
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Clematis vitalba</i>	Traveller's-joy	
<i>Clinopodium vulgare</i>	Wild Basil	
<i>Cornus sanguinea</i> subsp. <i>sanguinea</i>	Dogwood	
<i>Corylus avellana</i>	Hazel	
<i>Crataegus monogyna</i>	Hawthorn	
<i>Crepis capillaris</i>	Smooth Hawk's-beard	
<i>Dactylis glomerata</i>	Cock's-foot	
<i>Daphne laureola</i>	Spurge-laurel	1 plant SP98279876
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	
<i>Dipsacus fullonum</i>	Wild Teasel	
<i>Dryopteris affinis</i>	Scaly Male-fern	
<i>Elytrigia repens</i>	Common Couch	
<i>Epilobium ciliatum</i>	American Willowherb	
<i>Epilobium hirsutum</i>	Great Willowherb	
<i>Equisetum arvense</i>	Field Horsetail	
<i>Erophila verna</i> sens. lat.	Common Whitlowgrass	
<i>Festuca rubra</i>	Red Fescue	
<i>Ficaria verna</i> subsp. <i>verna</i>	Lesser Celandine	
<i>Filipendula ulmaria</i>	Meadowsweet	
<i>Fraxinus excelsior</i>	Ash	
<i>Galeopsis tetrahit</i> agg.	Common Hemp-nettle	
<i>Galium album</i>	Hedge Bedstraw	
<i>Galium album</i>	Hedge Bedstraw	
<i>Galium aparine</i>	Cleavers	
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	
<i>Geranium pratense</i>	Meadow Crane's-bill	
<i>Geranium robertianum</i>	Herb-Robert	
<i>Geum urbanum</i>	Wood Avens	
<i>Glechoma hederacea</i>	Ground-ivy	
<i>Helleborus viridis</i>	Green Hellebore	1 plant located opposite Top Lodge Cottage SP9862998639
<i>Heracleum sphondylium</i>	Hogweed	
<i>Holcus lanatus</i>	Yorkshire-fog	
<i>Holcus mollis</i>	Creeping Soft-grass	

<i>Hyacinthoides non-scripta</i>	Bluebell	
<i>Hypericum hirsutum</i>	Hairy St John's-wort	
<i>Hypericum perforatum</i>	Perforate St John's-wort	
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	
<i>Hypericum x desetangsii</i>	H. maculatum x perforatum	
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	
<i>Juncus conglomeratus</i>	Compact Rush	
<i>Juncus effusus</i>	Soft-rush	
<i>Juncus inflexus</i>	Hard Rush	
<i>Lamiastrum galeobdolon subsp. montanum</i>	Yellow Archangel	
<i>Lamium album</i>	White Dead-nettle	
<i>Lapsana communis</i>	Nipplewort	
<i>Lathyrus pratensis</i>	Meadow Vetchling	
<i>Lonicera periclymenum</i>	Honeysuckle	
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	
<i>Lycopus europaeus</i>	Gypsywort	
<i>Malus pumila</i>	Apple	
<i>Malva moschata</i>	Musk-mallow	
<i>Medicago lupulina</i>	Black Medick	
<i>Mentha Arvensis</i>	Corn Mint	
<i>Mercurialis perennis</i>	Dog's Mercury	
<i>Myosotis Arvensis</i>	Field Forget-me-not	
<i>Odontites vernus subsp. serotinus</i>	Red Bartsia	
<i>Origanum vulgare</i>	Wild Marjoram	
<i>Oxalis acetosella</i>	Wood-sorrel	
<i>Pastinaca sativa subsp. sylvestris</i>	Wild Parsnip	
<i>Phleum pratense</i>	Timothy	
<i>Pimpinella major</i>	Greater Burnet-saxifrage	
<i>Pinus nigra</i>	Austrian Pine / Corsican Pine	
<i>Pinus sylvestris</i>	Scots Pine	
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Plantago major</i>	Greater Plantain	
<i>Poa annua</i>	Annual Meadow-grass	
<i>Poa humilis</i>	Spreading Meadow-grass	
<i>Poa pratensis</i>	Smooth Meadow-grass	
<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Populus sp.</i>	a poplar	
<i>Potentilla anserine</i>	Silverweed	
<i>Potentilla reptans</i>	Creeping Cinquefoil	
<i>Potentilla sterilis</i>	Barren Strawberry	
<i>Primula veris</i>	Cowslip	
<i>Prunella vulgaris</i>	Selfheal	

<i>Prunus spinosa</i>	Blackthorn	
<i>Pulicaria dysenterica</i>	Common Fleabane	
<i>Quercus robur</i>	Pedunculate Oak	
<i>Ranunculus repens</i>	Creeping Buttercup	
<i>Rosa Arvensis</i>	Field-rose	
<i>Rosa sp.</i>	a Rose	
<i>Rubus fruticosus agg.</i>	Bramble	
<i>Rumex crispus</i>	Curled Dock	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	
<i>Rumex sanguineus</i>	Wood Dock	
<i>Salix caprea</i>	Goat Willow	
<i>Salix cinerea</i>	Grey Willow	
<i>Salix x reichardtii</i>	S. caprea x cinerea	
<i>Schedonorus arundinaceus</i>	Tall Fescue	
<i>Scrophularia auriculata</i>	Water Figwort	
<i>Scrophularia nodosa</i>	Common Figwort	
<i>Senecio jacobaea</i>	Common Ragwort	
<i>Senecio sylvaticus</i>	Heath Groundsel	
<i>Sonchus asper</i>	Prickly Sow-thistle	
<i>Sorbus torminalis</i>	Wild Service-tree	Individual trees at SP98709888, SP98499880, SP98479877, SP98379879, SP98549874, SP98679876 & SP98689875.
<i>Stachys sylvatica</i>	Hedge Woundwort	
<i>Stellaria graminea</i>	Lesser Stitchwort	
<i>Stellaria holostea</i>	Greater Stitchwort	
<i>Taraxacum agg.</i>	Dandelion	
<i>Torilis japonica</i>	Upright Hedge-parsley	
<i>Trifolium pratense</i>	Red Clover	
<i>Trifolium repens</i>	White Clover	
<i>Tussilago farfara</i>	Colt's-foot	
<i>Ulmus glabra</i>	Wych Elm	
<i>Urtica dioica</i>	Common Nettle	
<i>Valeriana officinalis</i>	Common Valerian	
<i>Veronica chamaedrys</i>	Germander Speedwell	
<i>Veronica montana</i>	Wood Speedwell	
<i>Veronica officinalis</i>	Heath Speedwell	
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	
<i>Viburnum opulus</i>	Guelder-rose	
<i>Vicia cracca</i>	Tufted Vetch	
<i>Vicia sepium</i>	Bush Vetch	
<i>Viola riviniana</i>	Common Dog-violet	
<i>Viola sp.</i>		

6.1.2 SP9899

Recorder:	John Handley	
Date:	11th May & 20th July 2014	
Location:	SP9899	
Taxon	Vernacular	Comment
<i>Acer campestre</i>	Field Maple	
<i>Agrimonia eupatoria</i>	Agrimony	
<i>Agrostis canina</i>	Velvet Bent	
<i>Agrostis capillaris</i>	Common Bent	
<i>Agrostis stolonifera</i>	Creeping Bent	
<i>Ajuga reptans</i>	Bugle	
<i>Alliaria petiolata</i>	Garlic Mustard	
<i>Anemone nemorosa</i>	Wood Anemone	
<i>Angelica sylvestris</i>	Wild Angelica	
<i>Arctium minus</i>	Lesser Burdock	
<i>Arrhenatherum elatius</i>	False Oat-Grass	
<i>Arum maculatum</i>	Lords-and-Ladies	
<i>Athyrium filix-femina</i>	Lady-fern	
<i>Betonica officinalis</i>	Betony	
<i>Betula pendula</i>	Silver Birch	
<i>Brachypodium pinnatum</i>	Heath False-brome	
<i>Brachypodium sylvaticum</i>	False-brome	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	
<i>Cardamine pratensis</i>	Cuckooflower	
<i>Carex flacca</i>	Glaucous Sedge	
<i>Carex hirta</i>	Hairy Sedge	
<i>Carex otrubae</i>	False Fox-sedge	
<i>Carex remota</i>	Remote Sedge	
<i>Carex sylvatica</i>	Wood-sedge	
<i>Centaurea nigra</i>	Common Knapweed	
<i>Centaureum erythraea</i>	Common Centaury	
<i>Chamaecyparis lawsoniana</i>	Lawson's Cypress	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	
<i>Circaea lutetiana</i>	Enchanter's-nightshade	
<i>Cirsium arvense</i>	Creeping Thistle	
<i>Cirsium palustre</i>	Marsh Thistle	
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Clematis vitalba</i>	Traveller's-joy	
<i>Cornus sanguinea subsp. sanguinea</i>	Dogwood	
<i>Corylus avellana</i>	Hazel	
<i>Crataegus monogyna</i>	Hawthorn	
<i>Crepis capillaris</i>	Smooth Hawk's-beard	

<i>Dactylis glomerata</i>	Cock's-foot	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	
<i>Dipsacus fullonum</i>	Wild Teasel	
<i>Dryopteris affinis</i>	Scaly Male-fern	
<i>Epilobium ciliatum</i>	American Willowherb	
<i>Epilobium hirsutum</i>	Great Willowherb	
<i>Epilobium obscurum</i>	Short-fruited Willowherb	
<i>Euonymus europaeus</i>	Spindle	
<i>Euphrasia nemorosa</i>		
<i>Fagus sylvatica</i>	Beech	
<i>Festuca rubra</i>	Red Fescue	
<i>Ficaria verna subsp. verna</i>	Lesser Celandine	
<i>Filipendula ulmaria</i>	Meadowsweet	
<i>Fraxinus excelsior</i>	Ash	
<i>Galium album</i>	Hedge Bedstraw	
<i>Galium album</i>	Hedge Bedstraw	
<i>Galium aparine</i>	Cleavers	
<i>Galium odoratum</i>	Woodruff	
<i>Galium palustre</i>	Marsh-bedstraw	
<i>Geranium pratense</i>	Meadow Crane's-bill	
<i>Geranium robertianum</i>	Herb-Robert	
<i>Geum urbanum</i>	Wood Avens	
<i>Glechoma hederacea</i>	Ground-ivy	
<i>Glyceria declinata</i>	Small Sweet-grass	
<i>Glyceria fluitans</i>	Floating Sweet-grass	
<i>Hedera helix</i>	Common Ivy	
<i>Heracleum sphondylium</i>	Hogweed	
<i>Holcus lanatus</i>	Yorkshire-fog	
<i>Hyacinthoides non-scripta</i>	Bluebell	
<i>Hypericum hirsutum</i>	Hairy St John's-wort	
<i>Hypericum perforatum</i>	Perforate St John's-wort	
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	
<i>Juncus conglomeratus</i>	Compact Rush	
<i>Juncus effusus</i>	Soft-rush	
<i>Juncus inflexus</i>	Hard Rush	
<i>Lamium galeobdolon subsp. montanum</i>	Yellow Archangel	
<i>Lapsana communis</i>	Nipplewort	
<i>Lathyrus pratensis</i>	Meadow Vetchling	
<i>Lolium perenne</i>	Perennial Rye-grass	
<i>Lonicera periclymenum</i>	Honeysuckle	
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	
<i>Lysimachia nummularia</i>	Creeping-Jenny	
<i>Malus sylvestris</i>	Crab Apple	

<i>Malva moschata</i>	Musk-mallow	
<i>Medicago lupulina</i>	Black Medick	
<i>Mentha arvensis</i>	Corn Mint	
<i>Mentha sp.</i>		
<i>Mercurialis perennis</i>	Dog's Mercury	
<i>Myosotis arvensis</i>	Field Forget-me-not	
<i>Odontites vernus subsp. serotinus</i>	Red Bartsia	
<i>Ophioglossum vulgatum</i>	Adder's-tongue	1 plant SP9889699295
<i>Oxalis acetosella</i>	Wood-sorrel	
<i>Phleum pratense</i>	Timothy	
<i>Pimpinella major</i>	Greater Burnet-saxifrage	
<i>Pimpinella major</i>	Greater Burnet-saxifrage	
<i>Pinus nigra</i>	Austrian Pine / Corsican Pine	
<i>Pinus sylvestris</i>	Scots Pine	
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Plantago major</i>	Greater Plantain	
<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Populus sp.</i>	a poplar	
<i>Potentilla anserina</i>	Silverweed	
<i>Potentilla erecta</i>	Tormentil	
<i>Potentilla reptans</i>	Creeping Cinquefoil	
<i>Potentilla sterilis</i>	Barren Strawberry	
<i>Primula veris</i>	Cowslip	
<i>Prunella vulgaris</i>	Selfheal	
<i>Prunus domestica</i>	Wild Plum	Mature individual located at SP98619906
<i>Prunus spinosa</i>	Blackthorn	
<i>Pulicaria dysenterica</i>	Common Fleabane	
<i>Quercus robur</i>	Pedunculate Oak	
<i>Ranunculus repens</i>	Creeping Buttercup	
<i>Rosa arvensis</i>	Field-rose	
<i>Rosa sp.</i>	a Rose	
<i>Rubus fruticosus agg.</i>	Bramble	
<i>Rubus idaeus</i>	Raspberry	
<i>Rumex sanguineus</i>	Wood Dock	
<i>Salix caprea</i>	Goat Willow	
<i>Salix cinerea</i>	Grey Willow	
<i>Salix x fragilis sens. lat.</i>	Hybrid Crack-willow	
<i>Salix x reichardtii</i>	S. caprea x cinerea	
<i>Sambucus nigra</i>	Elder	
<i>Schedonorus arundinaceus</i>	Tall Fescue	
<i>Schedonorus giganteus</i>	Giant Fescue	
<i>Scrophularia auriculata</i>	Water Figwort	
<i>Scrophularia nodosa</i>	Common Figwort	
<i>Senecio erucifolius</i>	Hoary Ragwort	

<i>Senecio jacobaea</i>	Common Ragwort	
<i>Senecio sylvaticus</i>	Heath Groundsel	
<i>Sorbus torminalis</i>	Wild Service-tree	1 tree located at SP98629903 and 4 further trees at SP98319922
<i>Sorbus torminalis</i>	Wild Service-tree	1 mature tree located at SP98529907
<i>Stachys sylvatica</i>	Hedge Woundwort	
<i>Stellaria graminea</i>	Lesser Stitchwort	
<i>Stellaria holostea</i>	Greater Stitchwort	
<i>Taraxacum agg.</i>	Dandelion	
<i>Torilis japonica</i>	Upright Hedge-parsley	
<i>Trifolium dubium</i>	Lesser Trefoil	
<i>Trifolium pratense</i>	Red Clover	
<i>Trifolium repens</i>	White Clover	
<i>Trisetum flavescens</i>	Yellow Oat-grass	
<i>Tussilago farfara</i>	Colt's-foot	
<i>Urtica dioica</i>	Common Nettle	
<i>Valeriana officinalis</i>	Common Valerian	
<i>Veronica beccabunga</i>	Brooklime	
<i>Veronica chamaedrys</i>	Germander Speedwell	
<i>Veronica montana</i>	Wood Speedwell	
<i>Viburnum lantana</i>	Wayfaring-tree	
<i>Viburnum opulus</i>	Guelder-rose	
<i>Vicia cracca</i>	Tufted Vetch	
<i>Vicia sepium</i>	Bush Vetch	
<i>Viola riviniana</i>	Common Dog-violet	
<i>Viola sp.</i>		
<i>Vicia sepium</i>	Bush Vetch	
<i>Viola riviniana</i>	Common Dog-violet	
<i>Viola sp.</i>		

6.1.3 SP9999

Recorder:	John Handley	
Date:	11th May & 20th July 2014	
Location:	SP9999	
Taxon	Vernacular	Comment
<i>Acer campestre</i>	Field Maple	
<i>Acer pseudoplatanus</i>	Sycamore	
<i>Achillea millefolium</i>	Yarrow	
<i>Agrostis capillaris</i>	Common Bent	
<i>Agrostis stolonifera</i>	Creeping Bent	
<i>Ajuga reptans</i>	Bugle	
<i>Alopecurus pratensis</i>	Meadow Foxtail	
<i>Anemone nemorosa</i>	Wood Anemone	
<i>Angelica sylvestris</i>	Wild Angelica	

<i>Arctium minus</i>	Lesser Burdock	
<i>Arrhenatherum elatius</i>	False Oat-Grass	
<i>Arum maculatum</i>	Lords-and-Ladies	
<i>Athyrium filix-femina</i>	Lady-fern	
<i>Betula pendula</i>	Silver Birch	
<i>Brachypodium pinnatum</i>	Heath False-brome	
<i>Brachypodium sylvaticum</i>	False-brome	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Calamagrostis epigejos</i>	Wood Small-reed	
<i>Calystegia sepium</i>	Hedge Bindweed	
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	
<i>Carex hirta</i>	Hairy Sedge	
<i>Carex otrubae</i>	False Fox-sedge	
<i>Carex sylvatica</i>	Wood-sedge	
<i>Centaurea nigra</i>	Common Knapweed	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	
<i>Cirsium arvense</i>	Creeping Thistle	
<i>Cirsium palustre</i>	Marsh Thistle	
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Cornus sanguinea subsp. sanguinea</i>	Dogwood	
<i>Corylus avellana</i>	Hazel	
<i>Crataegus monogyna</i>	Hawthorn	
<i>Crepis capillaris</i>	Smooth Hawk's-beard	
<i>Dactylis glomerata</i>	Cock's-foot	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	
<i>Dipsacus fullonum</i>	Wild Teasel	
<i>Dryopteris affinis</i>	Scaly Male-fern	
<i>Elytrigia repens</i>	Common Couch	
<i>Epilobium ciliatum</i>	American Willowherb	
<i>Epilobium hirsutum</i>	Great Willowherb	
<i>Festuca rubra</i>	Red Fescue	
<i>Filipendula ulmaria</i>	Meadowsweet	
<i>Fraxinus excelsior</i>	Ash	
<i>Galium aparine</i>	Cleavers	
<i>Geum urbanum</i>	Wood Avens	
<i>Glechoma hederacea</i>	Ground-ivy	
<i>Helminthotheca echioides</i>	Bristly Oxtongue	
<i>Heracleum sphondylium</i>	Hogweed	
<i>Holcus lanatus</i>	Yorkshire-fog	
<i>Holcus mollis</i>	Creeping Soft-grass	
<i>Hyacinthoides non-scripta</i>	Bluebell	
<i>Hypericum hirsutum</i>	Hairy St John's-wort	
<i>Hypericum perforatum</i>	Perforate St John's-wort	
<i>Hypericum x desetangsii</i>	H. maculatum x perforatum	
<i>Juncus effusus</i>	Soft-rush	

<i>Juncus inflexus</i>	Hard Rush	
<i>Lamium album</i>	White Dead-nettle	
<i>Lapsana communis</i>	Nipplewort	
<i>Lathyrus pratensis</i>	Meadow Vetchling	
<i>Lonicera periclymenum</i>	Honeysuckle	
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	
<i>Malva moschata</i>	Musk-mallow	
<i>Mercurialis perennis</i>	Dog's Mercury	
<i>Myosotis arvensis</i>	Field Forget-me-not	
<i>Odontites vernus subsp. serotinus</i>	Red Bartsia	
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Plantago major</i>	Greater Plantain	
<i>Poa annua</i>	Annual Meadow-grass	
<i>Poa pratensis</i>	Smooth Meadow-grass	
<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Populus sp.</i>	a poplar	
<i>Potentilla anserina</i>	Silverweed	
<i>Potentilla reptans</i>	Creeping Cinquefoil	
<i>Potentilla sterilis</i>	Barren Strawberry	
<i>Prunus spinosa</i>	Blackthorn	
<i>Pulicaria dysenterica</i>	Common Fleabane	
<i>Quercus robur</i>	Pedunculate Oak	
<i>Ranunculus repens</i>	Creeping Buttercup	
<i>Rosa arvensis</i>	Field-rose	
<i>Rosa sp.</i>	a Rose	
<i>Rubus fruticosus agg.</i>	Bramble	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	
<i>Rumex sanguineus</i>	Wood Dock	
<i>Salix caprea</i>	Goat Willow	
<i>Salix cinerea</i>	Grey Willow	
<i>Sambucus nigra</i>	Elder	
<i>Sanicula europaea</i>	Sanicle	
<i>Schedonorus arundinaceus</i>	Tall Fescue	
<i>Scrophularia nodosa</i>	Common Figwort	
<i>Senecio erucifolius</i>	Hoary Ragwort	
<i>Senecio jacobaea</i>	Common Ragwort	
<i>Senecio sylvaticus</i>	Heath Groundsel	
<i>Solanum dulcamara</i>	Bittersweet	
<i>Sonchus arvensis</i>	Perennial Sow-thistle	
<i>Sonchus asper</i>	Prickly Sow-thistle	
<i>Stachys sylvatica</i>	Hedge Woundwort	
<i>Stellaria holostea</i>	Greater Stitchwort	
<i>Taraxacum agg.</i>	Dandelion	
<i>Torilis japonica</i>	Upright Hedge-parsley	
<i>Trifolium repens</i>	White Clover	

<i>Trisetum flavescens</i>	Yellow Oat-grass	
<i>Ulmus procera</i>	English Elm	
<i>Urtica dioica</i>	Common Nettle	
<i>Veronica chamaedrys</i>	Germander Speedwell	
<i>Vicia cracca</i>	Tufted Vetch	
<i>Vicia sepium</i>	Bush Vetch	
<i>Viola riviniana</i>	Common Dog-violet	
<i>Viola sp.</i>		

190 species were recorded on the site within May and July.

Taxon	Common name
<i>Acer campestre</i>	Field Maple
<i>Acer pseudoplatanus</i>	Sycamore
<i>Achillea millefolium</i>	Yarrow
<i>Aegopodium podagraria</i>	Ground-elder
<i>Agrimonia eupatoria</i>	Agrimony
<i>Agrostis canina</i>	Velvet Bent
<i>Agrostis capillaris</i>	Common Bent
<i>Agrostis stolonifera</i>	Creeping Bent
<i>Ajuga reptans</i>	Bugle
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Alopecurus pratensis</i>	Meadow Foxtail
<i>Anemone nemorosa</i>	Wood Anemone
<i>Angelica sylvestris</i>	Wild Angelica
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass
<i>Anthriscus sylvestris</i>	Cow Parsley
<i>Arctium minus</i>	Lesser Burdock
<i>Arrhenatherum elatius</i>	False Oat-Grass
<i>Arum maculatum</i>	Lords-and-Ladies
<i>Athyrium filix-femina</i>	Lady-fern
<i>Bellis perennis</i>	Daisy
<i>Betonica officinalis</i>	Betony
<i>Betula pendula</i>	Silver Birch
<i>Brachypodium pinnatum</i>	Heath False-brome
<i>Brachypodium sylvaticum</i>	False-brome
<i>Calamagrostis epigejos</i>	Wood Small-reed
<i>Calystegia sepium</i>	Hedge Bindweed
<i>Calystegia sepium subsp. sepium</i>	Hedge Bindweed
<i>Cardamine flexuosa</i>	Wavy Bitter-cress
<i>Cardamine pratensis</i>	Cuckooflower
<i>Carex flacca</i>	Glaucous Sedge
<i>Carex hirta</i>	Hairy Sedge
<i>Carex otrubae</i>	False Fox-sedge
<i>Carex remota</i>	Remote Sedge

<i>Carex sylvatica</i>	Wood-sedge
<i>Carpinus betulus</i>	Hornbeam
<i>Centaurea nigra</i>	Common Knapweed
<i>Centaurium erythraea</i>	Common Centaury
<i>Cerastium fontanum</i>	Common Mouse-ear
<i>Chamaecyparis lawsoniana</i>	Lawson's Cypress
<i>Chamerion angustifolium</i>	Rosebay Willowherb
<i>Circaea lutetiana</i>	Enchanter's-nightshade
<i>Cirsium arvense</i>	Creeping Thistle
<i>Cirsium eriophorum</i>	Woolly Thistle
<i>Cirsium palustre</i>	Marsh Thistle
<i>Cirsium vulgare</i>	Spear Thistle
<i>Clematis vitalba</i>	Traveller's-joy
<i>Clinopodium vulgare</i>	Wild Basil
<i>Cornus sanguinea subsp. sanguinea</i>	Dogwood
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Crepis capillaris</i>	Smooth Hawk's-beard
<i>Dactylis glomerata</i>	Cock's-foot
<i>Daphne laureola</i>	Spurge-laurel
<i>Deschampsia cespitosa</i>	Tufted Hair-grass
<i>Dipsacus fullonum</i>	Wild Teasel
<i>Dryopteris affinis</i>	Scaly Male-fern
<i>Elytrigia repens</i>	Common Couch
<i>Epilobium ciliatum</i>	American Willowherb
<i>Epilobium hirsutum</i>	Great Willowherb
<i>Epilobium obscurum</i>	Short-fruited Willowherb
<i>Equisetum arvense</i>	Field Horsetail
<i>Erophila verna sens. lat.</i>	Common Whitlowgrass
<i>Euonymus europaeus</i>	Spindle
<i>Euphrasia nemorosa</i>	
<i>Fagus sylvatica</i>	Beech
<i>Festuca rubra</i>	Red Fescue
<i>Ficaria verna subsp. verna</i>	Lesser Celandine
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Fraxinus excelsior</i>	Ash
<i>Galeopsis tetrahit agg.</i>	Common Hemp-nettle
<i>Galium album</i>	Hedge Bedstraw
<i>Galium aparine</i>	Cleavers
<i>Galium odoratum</i>	Woodruff
<i>Galium palustre</i>	Marsh-bedstraw
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill
<i>Geranium pratense</i>	Meadow Crane's-bill
<i>Geranium robertianum</i>	Herb-Robert
<i>Geum urbanum</i>	Wood Avens

<i>Glechoma hederacea</i>	Ground-ivy
<i>Glyceria declinata</i>	Small Sweet-grass
<i>Glyceria fluitans</i>	Floating Sweet-grass
<i>Hedera helix</i>	Common Ivy
<i>Helleborus viridis</i>	Green Hellebore
<i>Helminthotheca echioides</i>	Bristly Oxtongue
<i>Heracleum sphondylium</i>	Hogweed
<i>Holcus lanatus</i>	Yorkshire-fog
<i>Holcus mollis</i>	Creeping Soft-grass
<i>Hyacinthoides non-scripta</i>	Bluebell
<i>Hypericum hirsutum</i>	Hairy St John's-wort
<i>Hypericum perforatum</i>	Perforate St John's-wort
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort
<i>Hypericum x desetangsii</i>	H. maculatum x perforatum
<i>Juncus acutiflorus</i>	Sharp-flowered Rush
<i>Juncus conglomeratus</i>	Compact Rush
<i>Juncus effusus</i>	Soft-rush
<i>Juncus inflexus</i>	Hard Rush
<i>Lamiastrum galeobdolon subsp. montanum</i>	Yellow Archangel
<i>Lamium album</i>	White Dead-nettle
<i>Lapsana communis</i>	Nipplewort
<i>Lathyrus pratensis</i>	Meadow Vetchling
<i>Lolium perenne</i>	Perennial Rye-grass
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil
<i>Lycopus europaeus</i>	Gypsywort
<i>Lysimachia nummularia</i>	Creeping-Jenny
<i>Malus pumila</i>	Apple
<i>Malus sylvestris</i>	Crab Apple
<i>Malva moschata</i>	Musk-mallow
<i>Medicago lupulina</i>	Black Medick
<i>Mentha arvensis</i>	Corn Mint
<i>Mentha sp.</i>	
<i>Mercurialis perennis</i>	Dog's Mercury
<i>Myosotis arvensis</i>	Field Forget-me-not
<i>Odontites vernus subsp. serotinus</i>	Red Bartsia
<i>Ophioglossum vulgatum</i>	Adder's-tongue
<i>Origanum vulgare</i>	Wild Marjoram
<i>Oxalis acetosella</i>	Wood-sorrel
<i>Pastinaca sativa subsp. sylvestris</i>	Wild Parsnip
<i>Phleum pratense</i>	Timothy
<i>Pimpinella major</i>	Greater Burnet-saxifrage
<i>Pinus nigra</i>	Austrian Pine / Corsican Pine
<i>Pinus sylvestris</i>	Scots Pine

<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Plantago major</i>	Greater Plantain
<i>Poa annua</i>	Annual Meadow-grass
<i>Poa humilis</i>	Spreading Meadow-grass
<i>Poa pratensis</i>	Smooth Meadow-grass
<i>Poa trivialis</i>	Rough Meadow-grass
<i>Populus sp.</i>	a poplar
<i>Potentilla anserina</i>	Silverweed
<i>Potentilla erecta</i>	Tormentil
<i>Potentilla reptans</i>	Creeping Cinquefoil
<i>Potentilla sterilis</i>	Barren Strawberry
<i>Primula veris</i>	Cowslip
<i>Prunella vulgaris</i>	Selfheal
<i>Prunus domestica</i>	Wild Plum
<i>Prunus spinosa</i>	Blackthorn
<i>Pulicaria dysenterica</i>	Common Fleabane
<i>Quercus robur</i>	Pedunculate Oak
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Rosa arvensis</i>	Field-rose
<i>Rosa sp.</i>	a Rose
<i>Rubus fruticosus agg.</i>	Bramble
<i>Rubus idaeus</i>	Raspberry
<i>Rumex crispus</i>	Curled Dock
<i>Rumex obtusifolius</i>	Broad-leaved Dock
<i>Rumex sanguineus</i>	Wood Dock
<i>Salix caprea</i>	Goat Willow
<i>Salix cinerea</i>	Grey Willow
<i>Salix x fragilis sens. lat.</i>	Hybrid Crack-willow
<i>Salix x reichardtii</i>	S. caprea x cinerea
<i>Sambucus nigra</i>	Elder
<i>Sanicula europaea</i>	Sanicle
<i>Schedonorus arundinaceus</i>	Tall Fescue
<i>Schedonorus giganteus</i>	Giant Fescue
<i>Scrophularia auriculata</i>	Water Figwort
<i>Scrophularia nodosa</i>	Common Figwort
<i>Senecio erucifolius</i>	Hoary Ragwort
<i>Senecio jacobaea</i>	Common Ragwort
<i>Senecio sylvaticus</i>	Heath Groundsel
<i>Solanum dulcamara</i>	Bittersweet
<i>Sonchus arvensis</i>	Perennial Sow-thistle
<i>Sonchus asper</i>	Prickly Sow-thistle
<i>Sorbus torminalis</i>	Wild Service-tree
<i>Stachys sylvatica</i>	Hedge Woundwort
<i>Stellaria graminea</i>	Lesser Stitchwort
<i>Stellaria holostea</i>	Greater Stitchwort

<i>Taraxacum agg.</i>	Dandelion
<i>Torilis japonica</i>	Upright Hedge-parsley
<i>Trifolium dubium</i>	Lesser Trefoil
<i>Trifolium pratense</i>	Red Clover
<i>Trifolium repens</i>	White Clover
<i>Trisetum flavescens</i>	Yellow Oat-grass
<i>Tussilago farfara</i>	Colt's-foot
<i>Ulmus glabra</i>	Wych Elm
<i>Ulmus procera</i>	English Elm
<i>Urtica dioica</i>	Common Nettle
<i>Valeriana officinalis</i>	Common Valerian
<i>Veronica beccabunga</i>	Brooklime
<i>Veronica chamaedrys</i>	Germander Speedwell
<i>Veronica montana</i>	Wood Speedwell
<i>Veronica officinalis</i>	Heath Speedwell
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell
<i>Viburnum lantana</i>	Wayfaring-tree
<i>Viburnum opulus</i>	Guelder-rose
<i>Vicia cracca</i>	Tufted Vetch
<i>Vicia sepium</i>	Bush Vetch
<i>Viola riviniana</i>	Common Dog-violet
<i>Viola sp.</i>	