

<i>Solanum dulcamara</i>	Bittersweet	R
<i>Sorbus aucuparia</i>	Rowan	O
<i>Stachys sylvatica</i>	Hedge Woundwort	O
<i>Stellaria holostea</i>	Greater Stitchwort	O
* <i>Tamus communis</i>	Black Bryony	R
<i>Taraxacum officinale</i> agg.	Dandelion	O
<i>Taxus baccata</i>	Yew	R
<i>Teucrium scorodonia</i>	Wood Sage	R
<i>Trifolium repens</i>	White Clover	R
<i>Typha latifolia</i>	Bulrush	RLA
<i>Urtica dioica</i>	Common Nettle	F
<i>Veronica chamaedrys</i>	Germander Speedwell	R
* <i>Veronica montana</i>	Wood Speedwell	OLF
<i>Veronica serpyllifolia</i>	Thyme-Leaved Speedwell	R
* <i>Viburnum opulus</i>	Guelder-Rose	OLF
<i>Vicia sativa</i>	Common Vetch	R
* <i>Vicia sepium</i>	Bush Vetch	R
<i>Viola riviniana</i>	Common Dog-Violet	O

<u>Taxon Latin Name</u>	<u>Taxon Common Name</u>	<u>Present</u>	<u>Status</u>
<i>Erithacus rubecula</i>	Robin	P	
<i>Garrulus glandarius</i>	Jay	P	
<i>Strix aluco</i>	Tawny Owl	P	
<i>Sylvia atricapilla</i>	Blackcap	P	
<i>Troglodytes troglodytes</i>	Wren	P	
<i>Turdus merula</i>	Blackbird	P	

Species Summary

Total no. of species:	148
No. of woodland species:	120
No. of AWVP indicators (*):	38



sharing information about Hampshire's wildlife

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	<i>Hypochaeris radicata</i>	Cat's-Ear	R	
*	<i>Ilex aquifolium</i>	Holly	OLF	
	<i>Juncus effusus</i>	Soft Rush	O	
*	<i>Lamiastrum galeobdolon</i>	Yellow Archangel	F	
	<i>Lapsana communis</i>	Nipplewort	R	
	<i>Lolium perenne</i>	Perennial Rye-Grass	R	
	<i>Lonicera perichlymenum</i>	Honeysuckle	F	
*	<i>Luzula pilosa</i>	Hairy Wood-Rush	R	
*	<i>Lysimachia nemorum</i>	Yellow Pimpernel	OLF	
*	<i>Melica uniflora</i>	Wood Melick	O	
	<i>Mentha aquatica</i>	Water Mint	R	
	<i>Mercurialis perennis</i>	Dog's Mercury	OLF	
*	<i>Milium effusum</i>	Wood Millet	R	
*	<i>Moehringia trinervia</i>	Three-Nerved Sandwort	R	
	<i>Oenanthe crocata</i>	Hemlock Water-Dropwort	RLF	
*	<i>Oxalis acetosella</i>	Wood-Sorrel	O	
	<i>Persicaria maculosa</i>	Redshank	R	
	<i>Phleum pratense</i>	Timothy	R	
*	<i>Phyllitis scolopendrium</i>	Hart's-Tongue	R	
	<i>Pinopsida</i>	Pinopsida	R	
	<i>Plantago lanceolata</i>	Ribwort Plantain	R	
	<i>Plantago major</i>	Greater Plantain	R	
	<i>Poa trivialis</i>	Rough Meadow-Grass	O	
*	<i>Polystichum setiferum</i>	Soft Shield-Fern	O	
*	<i>Populus tremula</i>	Aspen	O	
	<i>Potentilla reptans</i>	Creeping Cinquefoil	R	
	<i>Prunella vulgaris</i>	Selfheal	R	
*	<i>Prunus avium</i>	Wild Cherry	R	
	<i>Prunus laurocerasus</i>	Cherry Laurel	R	
	<i>Prunus spinosa</i>	Blackthorn	O	
	<i>Pteridium aquilinum</i>	Bracken	FLA	
	<i>Pulicaria dysenterica</i>	Common Fleabane	R	
	<i>Quercus cerris</i>	Turkey Oak	R	
	<i>Quercus robur</i>	Pedunculate Oak	FLA	
	<i>Ranunculus repens</i>	Creeping Buttercup	O	
*	<i>Ribes rubrum</i>	Red Currant	OLF	
*	<i>Rosa arvensis</i>	Field Rose	O	
	<i>Rosa canina</i>	Dog Rose	R	
	<i>Rubus fruticosus agg.</i>	Bramble	A	
	<i>Rubus idaeus</i>	Raspberry	R	
	<i>Rumex obtusifolius</i>	Broad-Leaved Dock	R	
*	<i>Ruscus aculeatus</i>	Butcher's-Broom	RLF	NI
	<i>Salix caprea</i>	Goat Willow	R	
	<i>Salix cinerea</i>	Grey Willow	R	
	<i>Salix viminalis</i>	Osier	R	
	<i>Sambucus nigra</i>	Elder	R	
*	<i>Sanicula europaea</i>	Sanicle	R	
	<i>Scrophularia nodosa</i>	Common Figwort	R	
	<i>Senecio jacobaea</i>	Common Ragwort	R	
	<i>Silene dioica</i>	Red Campion	O	
	<i>Sisymbrium officinale</i>	Hedge Mustard	R	

<i>Cardamine flexuosa</i>	Wavy Bitter-Cress	O	
<i>Cardamine pratensis</i>	Cuckooflower	R	
<i>Carex acutiformis</i>	Lesser Pond-Sedge	R	
<i>Carex paniculata</i>	Greater Tussock-Sedge	RLF	
* <i>Carex pendula</i>	Pendulus Sedge	FLA	
* <i>Carex remota</i>	Remote Sedge	OLF	
* <i>Carex sylvatica</i>	Wood-Sedge	O	
<i>Castanea sativa</i>	Sweet Chestnut	OLF	
* <i>Chrysosplenium oppositifolium</i>	Opposite-Leaved Golden-Saxifrage	RLF	
<i>Circaea lutetiana</i>	Enchanter's-Nightshade	F	
<i>Cirsium palustre</i>	Marsh Thistle	R	
<i>Cirsium vulgare</i>	Spear Thistle	R	
* <i>Conopodium majus</i>	Pignut	R	
<i>Corylus avellana</i>	Hazel	A	
<i>Cotoneaster</i>	Cotoneaster	R	
<i>Crataegus monogyna</i>	Hawthorn	O	
<i>Cruciata laevipes</i>	Crosswort	R	
<i>Cynosurus cristatus</i>	Crested Dog's-Tail	R	
<i>Dactylis glomerata</i>	Cock's-Foot	O	
* <i>Daphne laureola</i>	Spurge-Laurel	R	
<i>Deschampsia caespitosa</i>	Tufted Hair-Grass	O	
<i>Digitalis purpurea</i>	Foxglove	O	
* <i>Dryopteris affinis</i>	Scaly Male Fern	R	
* <i>Dryopteris carthusiana</i>	Narrow Buckler-Fern	O	
<i>Dryopteris dilatata</i>	Broad Buckler-Fern	F	
<i>Dryopteris filix-mas</i>	Common Male Fern	O	
<i>Epilobium ciliatum</i>	American Willowherb	R	
<i>Epilobium hirsutum</i>	Great Willowherb	RLF	
<i>Epilobium montanum</i>	Broad-Leaved Willowherb	R	
<i>Eupatorium cannabinum</i>	Hemp-Agrimony	R	
* <i>Euphorbia amygdaloides</i>	Wood Spurge	R	
<i>Fagus sylvatica</i>	Beech	R	
* <i>Festuca gigantea</i>	Giant Fescue	R	
<i>Filipendula ulmaria</i>	Meadowsweet	RLF	
<i>Fragaria vesca</i>	Wild Strawberry	R	
* <i>Frangula alnus</i>	Alder Buckthorn	R	
<i>Fraxinus excelsior</i>	Ash	FLA	
<i>Galium aparine</i>	Cleavers	F	
<i>Galium palustre</i>	Common Marsh-Bedstraw	R	
<i>Geranium dissectum</i>	Cut-Leaved Crane's-Bill	R	
<i>Geranium robertianum</i>	Herb-Robert	OLF	
* <i>Geum rivale</i>	Water Avens	R	
<i>Geum urbanum</i>	Herb Bennet	O	
<i>Glechoma hederacea</i>	Ground-Ivy	O	
<i>Glyceria fluitans</i>	Floating Sweet-Grass	RLF	
<i>Hedera helix</i>	Ivy	A	
<i>Heracleum sphondylium</i>	Hogweed	R	
<i>Holcus lanatus</i>	Yorkshire-Fog	OLF	
* <i>Holcus mollis</i>	Creeping Soft-Grass	R	
* <i>Hyacinthoides non-scripta</i>	Bluebell	OLA	NI
<i>Hypericum perforatum</i>	Perforate St. John's-Wort	R	

sharing information about Hampshire's wildlife

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JOHNSTON'S COPPICE

19/06/2007

Habitats Recorded

BAP Priority Habitats

Lowland mixed deciduous woodland

Wet woodland

National Vegetation Classifications

	<u>Area (%)</u>
W10a, <i>Quercus robur</i> - <i>Pteridium aquilinum</i> - <i>Rubus fruticosus</i> woodland: Typical subcommunity	25
W10c, <i>Quercus robur</i> - <i>Pteridium aquilinum</i> - <i>Rubus fruticosus</i> woodland: <i>Hedera helix</i> subcommunity	15
W6a, <i>Alnus glutinosa</i> - <i>Urtica dioica</i> woodland: Typical subcommunity	10
W8a, <i>Fraxinus excelsior</i> - <i>Acer campestre</i> - <i>Mercurialis perennis</i> woodland: <i>Primula vulgaris</i> - <i>Glechoma hederacea</i> subcommunity	10
W6e, <i>Alnus glutinosa</i> - <i>Urtica dioica</i> woodland: <i>Betula pubescens</i> subcommunity	8
W6d, <i>Alnus glutinosa</i> - <i>Urtica dioica</i> woodland: <i>Sambucus nigra</i> subcommunity	7
W8d, <i>Fraxinus excelsior</i> - <i>Acer campestre</i> - <i>Mercurialis perennis</i> woodland: <i>Hedera helix</i> subcommunity	5
W7c, <i>Alnus glutinosa</i> - <i>Fraxinus excelsior</i> - <i>Lysimachia nemorum</i> woodland: <i>Deschampsia cespitosa</i> subcommunity	3
S12, <i>Typha latifolia</i> swamp	2
OV26, <i>Epilobium hirsutum</i> community	1

Species Recorded

<u>Taxon Latin Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Status</u>
* <i>Acer campestre</i>	Field Maple	R	
<i>Acer platanoides</i>	Norway Maple	F	
<i>Achillea millefolium</i>	Yarrow	R	
* <i>Adoxa moschatellina</i>	Moschatel	RLF	
<i>Aegopodium podagraria</i>	Ground-Elder	R	
<i>Agrimonia eupatoria</i>	Agrimony	R	
<i>Agrostis stolonifera</i>	Creeping Bent	R	
<i>Ajuga reptans</i>	Bugle	R	
<i>Alliaria petiolata</i>	Garlic Mustard	R	
<i>Alnus glutinosa</i>	Alder	FLA	
* <i>Anemone nemorosa</i>	Wood Anemone	OLA	
<i>Angelica sylvestris</i>	Wild Angelica	R	
<i>Anisantha sterilis</i>	Barren Brome	R	
<i>Anthriscus sylvestris</i>	Cow Parsley	R	
<i>Arctium minus</i>	Lesser Burdock	R	
<i>Arrhenatherum elatius</i>	False Oat-Grass	R	
<i>Arum maculatum</i>	Lords-And-Ladies	O	
<i>Athyrium filix-femina</i>	Lady Fern	O	
<i>Betula pendula</i>	Silver Birch	F	
<i>Betula pubescens</i>	Downy Birch	O	
* <i>Blechnum spicant</i>	Hard Fern	R	
<i>Brachypodium sylvaticum</i>	False-Brome	OLF	

This small strip of wet woodland runs along a stream at the northern end of the site. Alder and ash form the canopy and hazel and holly are found below. The ground flora has abundant ivy, but also much bramble, ferns, enchanter's nightshade, redcurrant, yellow archangel and opposite-leaved golden-saxifrage.

Canopy The canopy is dominated by ash, there is occasional oak and birch.

Field layer	The ground flora is rich in species. Ivy and bluebell are abundant and there is frequent yellow archangel, honeysuckle, ferns, enchanter's nightshade and wood anemone. Other species noted include false brome, wood speedwell, pignut, butcher's broom, dog's mercury, herb robert, cleavers, dog-violet, wood sedge and wood melick.
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Canopy The canopy is short and scrubby in the southern stand. The other stand has a tall, secondary canopy. Ash is prominent in both areas.

Field layer	The ground flora is less rich in woodland species. There is frequent ivy, bramble, ferns, false brome and other grasses.
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Canopy The canopy here is formed of oak standards and secondary ash and birch.

Field layer	The ground flora is rich in species. There is much ivy, bramble, ash seedlings, honeysuckle, ferns and bluebell. There is also some wood anemone, grasses, wood sedge, wood speedwell, wood melick, yellow pimpernel, giant fescue and yellow archangel.
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This is an area of pure coppice with very few standards present. The coppice is densely spaced and dominated by hazel. A few wetter areas have some coppiced alder and there is also some holly, ash and aspen. The ground flora has locally prominent bluebell and much bramble, ivy, ferns, honeysuckle and yellow archangel.

Canopy The canopy is secondary and formed of birch with rare oak and alder.

Johnston's Coppice SU 6910 0790

Site description

The site is a woodland located between Crookhorn and Havant, close to the A3. It is adjacent to SINC woodland and grassland. The woodland is ancient and is a mix of dry and wet woodland stands. There is good variety of woodland habitats and structures present. The overall species diversity is very good and an excellent 38 ancient woodland indicators were noted.

Management

The woodland is open access and is adjacent to a school, so has a fair amount of public use. The woodland has a history of varied management. Much of the wet woodland was felled in the past, probably during World War II and has re-grown from the stumps. There are old coppice-with-standards areas within the site as well as stands of pure coppice and secondary woodland. Recent management has involved laying some public paths through the site and the creation of a pond in the north-east corner. There has been some recent coppice-work to the north, near the stream. 20 year old pure coppice to the north requires re-coppicing. Much of the rest of the site has a very dense canopy which requires thinning or coppicing.

Subsite descriptions

Area 1 – W6a *Alnus glutinosa-Urtica dioica* woodland, typical sub-community (IHS WB341.WF11.WM7)

Canopy The canopy is rather open in parts. Alder is the dominant tree with locally frequent willow.

Shrub layer The understorey is sparse in places. There is locally frequent hazel and some holly and ash.

Field layer The ground flora is rich in species. Pendulous sedge and ivy are locally abundant and there is much remote sedge, bare mud, enchanter's nightshade, stinging-nettle, bramble, soft rush and creeping buttercup. There is also some yellow archangel, redcurrant, opposite-leaved golden-saxifrage, floating sweet-grass and greater tussock sedge.

Area 2 – W6d *Alnus glutinosa-Urtica dioica* woodland, *Sambucus nigra* sub-community (IHS WB341.WF11.WM7)

Canopy The canopy is tall and densely spaced in places and much of it has re-grown from coppice. Alder is the main tree in the canopy. There is also some ash, birch and oak.

Shrub layer The understorey has much coppiced hazel and some ash, sycamore and holly.

Field layer The ground flora is fairly diverse in species, though much of it is dominated by ivy and bramble. There is frequent honeysuckle, ash seedlings, ferns, enchanter's nightshade, cleavers and stinging-nettle. Other species noted include bluebell, yellow archangel, pendulous sedge, remote sedge, redcurrant, yellow pimpernel, and narrow buckler fern.

Area 3 – W6e *Alnus glutinosa-Urtica dioica* woodland, *Betula pubescens* sub-community (IHS WB341.WF11.WM7)

Canopy The canopy is similar to the previous area in structure. Alder is also the main tree again, though there is much more birch present in these stands. There is also some ash and oak in the canopy.

Shrub layer The understorey is sparse, with only rare alder buckthorn, holly, rowan, hazel and sycamore.

Field layer The ground flora has a fair species diversity. There is frequent bramble, ivy, ferns and honeysuckle. There is also much yellow archangel, bracken, yorkshire fog, ferns and greater

Notes

Indicators:

- * Ancient Woodland Vascular Plants (AWVP) - species most strongly associated with ancient woodland and are typical components of botanically rich ancient woodland communities
- ‡ Acid/neutral grassland indicators - species which seldomly occur outside of unimproved acid/neutral grasslands or are indicative of a long period of uninterrupted grassland management
- o Chalk grassland indicators - species characteristic of unimproved chalk downland or have a strong affinity to calcareous soils

Habitats:

BAP Priority: Habitats identified as the highest priority for conservation action in the UK

NVC: A system of classifying natural habitat types according to the vegetation they contain

Phase 1: A standardised system for surveying, classifying and mapping wildlife habitats including urban areas

Peterken: A stand type classification that describes only woodland

Species:

Frequency: D=dominant A=abundant F=frequent O=occasional R=rare L=locally

Frequencies within brackets () indicate non-native occurrences.

Status codes:

NR Nationally Rare

CR County Rare

nHR North Hampshire Rare (within Vice-County 12)

NS Nationally Scarce

CS County Scarce

nHS North Hampshire Scarce (within Vice-County 12)

NI Nationally Important

CI County Important

sHR South Hampshire Rare (within Vice-County 11)

sHS South Hampshire Scarce (within Vice-County 11)

Area 10 – W10c *Quercus robur*-*Pteridium aquilinum*-*Rubus fruticosus* woodland, *Hedera helix* sub-community, coppice-with-standards (IHS WB36Z.WF11.WM2)

Shrub layer The northern stand has an understorey of recent coppiced hazel re-growth. The southern stands had abundant coppiced hazel and some sycamore, holly and hawthorn.

Area 11 – Sweet chestnut plantation (corresponding to W10c *Quercus robur*-*Pteridium aquilinum*-*Rubus fruticosus* woodland, *Hedera helix* sub-community) (IHS WB3Z.WF22.WM7)

Shrub layer The shrub layer has some coppiced hazel and occasional sycamore and holly.

Area 12 – OV26 *Epilbium hirsutum* communityArea 13 – S12 *Typha latifolia* swamp

The pond has abundant planted reed mace and bog bean. There is also some lesser pond sedge, white water-lily, willow and pendulous sedge.

JOHNSTON'S COPPICE

19/06/2007

Site Details

Grid Reference: SU69100790
Total Area: 14 Ha
District: Havant
Vice-County: South Hampshire

Survey Details

Survey Type: Phase II
Survey Date: 19/06/2007
Data Owned By: Hants Biodiversity Information Centre Partnership
Data Recorded By: Joel Miller, HBIC

Site Summary

The site is a woodland located between Crookhorn and Havant, close to the A3. It is adjacent to SINC woodland and grassland. The woodland is ancient and is a mix of dry and wet woodland stands. There is good variety of woodland habitats and structures present. The overall species diversity is very good and an excellent 38 ancient woodland indicators were noted.

Site Features

Features	Boundary banks
Features	Deadwood (Fallen)
Features	Deadwood (Standing)
Invasive Species	Sycamore
Management	Coppicing (with standards)
Management	Coppicing (without standards)
Usage	Dog walking
Usage	Public access

BAP Habitats

BAP Priority Habitats

Lowland mixed deciduous woodland
Wet woodland

BAP/Notable Species

Other Notable Species

Hyacinthoides non-scripta (Bluebell)
Ruscus aculeatus (Butcher's-Broom)

Status

NI
NI