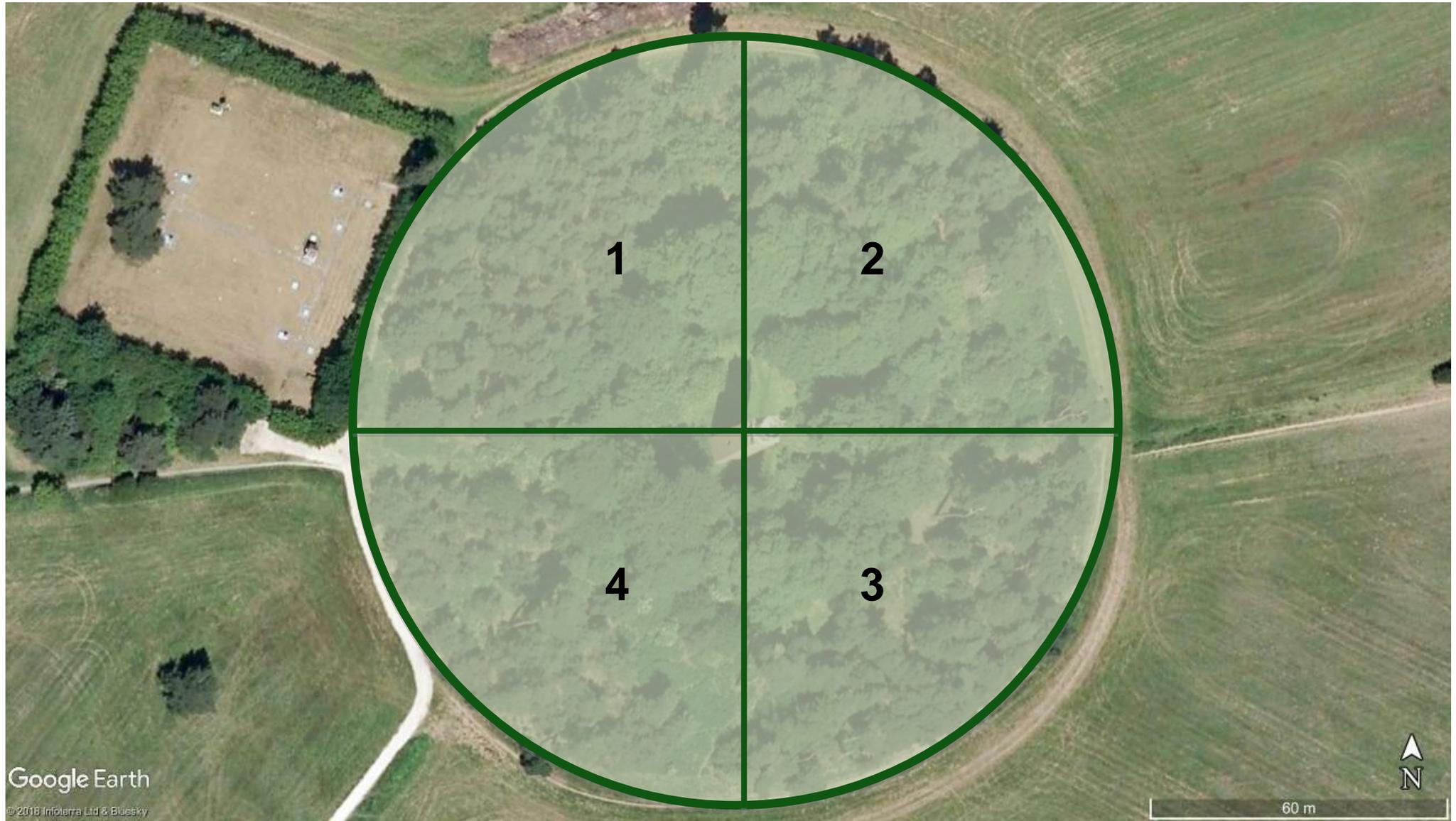


Map of survey area of the woodland surrounding the Folly



Species list of herbaceous plants in the woodland surrounding the Folly Survey Duration: 25th - 30th April, 22nd May, 22nd- 30th July

Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Acer campestre</i> (Field Maple)	Common in all areas aside from 2.	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	N	Native in woodland, scrub and old hedgerows. Grows in moist, base-rich soils. Has also been planted in amenity areas so native range is hard to deduce. Stable and widespread, absent from most of Scotland.	LC
<i>Acer pseudoplatanus</i> (Sycamore)	Found throughout the woodland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Introduced to the UK in 16 th century from C and S Europe and was widely planted from the 18 th century onwards. Found in a range of natural, semi-natural and manmade habitats. Stable and widespread.	N/A
<i>Achillea millefolium</i> (Yarrow)	Found in areas 3 and 4, not as common as in other areas surrounding the Folly.			<input type="checkbox"/>	<input type="checkbox"/>	N	Found in all types of grassland habitat. Can tolerate drought and nutrient-poor soils. Common and ubiquitous.	LC
<i>Aesculus hippocastanum</i> (Horse-chestnut)	Only found in scattered assemblages in areas 1 and 2.	<input type="checkbox"/>			<input type="checkbox"/>	N	Introduced in early 15 th century, originated in Balkan peninsula. Found in a range of habitats including mixed and deciduous woodland and parklands. Widespread aside from N. Scotland.	N/A
<i>Ajuga reptans</i> (Bugle)	Very low abundance. They have been planted in higher numbers.	<input type="checkbox"/>			<input type="checkbox"/>	N	Widely distributed with no appreciable change in range since 1962 Atlas. Found in damp deciduous woodland, shaded areas and unimproved grassland, acidic or neutral soils.	LC
<i>Alliaria petiolatal</i> (Garlic Mustard)	Found in all areas in woodland. Good caterpillar food plant for Orange tip butterfly which lays eggs on it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Widely distributed except W. Scotland with no change in range since 1962 . Found in a variety of habitats including disturbed woodland, woodland edges and road verges. Grows well on fertile, moist soils but not acidic soils.	LC

Species list of herbaceous plants in the woodland surrounding the Folly Survey Duration: 25th - 30th April, 22nd May, 22nd - 30th July

Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Anthriscus sylvestris</i> (Cow Parsley)	Found in area 3, more common in verges/ areas surrounding the Folly.			☐		N	Widely distributed except W. Scotland, no change in range but may have become more frequent in road verges due to management change. Found in verges, hedgerows and disturbed areas.	LC
<i>Arctium lappa</i> (Greater Burdock)	Found scattered across woodland floor.	☐	☐	☐	☐	N	Mainly found in S England. Stable distribution, found in road verges and other disturbed places.	LC
<i>Arum maculatum</i> (Lords and Ladies)	Found scattered in all areas aside from area 3. Observed in verges/ shaded areas.	☐	☐		☐	N	Widespread except for Scotland and far north. Little change since 1962 Atlas.. Grows in moist, well-drained soils of woodlands and hedgerows.	LC
<i>Asplenium scolopendrium</i> (Hart's-tongue Fern)	Found in low densities in area 1.	☐				N	Widespread except for far north, grows well on well-drained soils. Found in sheltered, moist habitats.	LC
<i>Bellis perennis</i> (Daisy)	Scattered in woodland in short grassland areas.	☐		☐	☐	N	Grows in mown, grazed or trampled grassland. Common and ubiquitous.	LC
<i>Betula pendula</i> (Silver birch)	Found in all areas aside from 3.	☐	☐		☐	N	Found in mixed woodland on light, well-drained acidic soils. Stable and widespread.	LC
<i>Bryonia dioica</i> (White Bryony)	Found in all areas of woodland. Common.	☐	☐	☐	☐	N	Unpalatable to rabbits. Grows on well-drained, base-rich soils in hedgerows, woodland borders and waste ground. Stable and found in southern Britain aside from Devon and Cornwall.	LC
<i>Carpinus betulus</i> (Hornbeam)	Found in all areas.	☐	☐	☐	☐	N	Found in mixed woodland on base-poor sandy or loamy clays. Also extensively planted in woodlands, on road sides and amenity areas. Lowland areas in UK.	LC

Species list of herbaceous plants in the woodland surrounding the Folly Survey Duration: 25th - 30th April, 22nd May, 22nd - 30th July

Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Castanea sativa</i> (Sweet Chestnut)	Found in scattered assemblages in all areas aside from 2.	☐		☐	☐	N	Introduced by the Romans. Planted in hedgerows, wood-borders and amenity areas. Thrives on moist, sandy soils. Stable and widespread.	LC
<i>Cerastium fontanum</i> (Mouse Ear chickweed)	Found mainly in area 2- concentrated in this region but not at high density		☐			N	Widespread and stable. Found in wide range of fertile habitats including wasteland and neutral pastures and meadows.	LC
<i>Chamaenerion angustifolium</i> (Rosebay Willowherb)	Found throughout woodland	☐	☐	☐	☐	N	Widespread and spread since 19 th century. Found in moderately fertile soils including disturbed habitats and woodland rides.	N/A- Introduced
<i>Claytonia perfoliata</i> (Spring Beauty)	Found mainly in large densities in woodland.	☐	☐	☐	☐	N	Scattered in UK. Introduced via cultivation in 1794. Uncommon until 1930. Spread since and increasing. Found in open/ light shade and disturbed soil.	N/A- Introduced N.W America
<i>Convolvulus arvensis/ Calystegia sepium</i> (Field/ Hedge Bindweed)	Found in area 2. Need to confirm subspecies.		☐			N	Field Bindweed- Found on waysides, open scrub or short grassland. Local losses in north and west of range, otherwise widespread in lowland Britain. Hedge Bindweed- Occurs in scrub, hedgerow and woodland. Stable and widespread.	LC
<i>Corylus avellana</i> (Hazel)	Widespread in areas 1 and 4.	☐			☐	N	Native in understory of many woods, hedgerows cliffs and river banks. Stable and widespread but is affected by lack of woodland management and high numbers of livestock, squirrels and deer which limit regeneration. Important habitat and food source for the Hazel Dormouse.	LC
<i>Crataegus monogyna</i> (Hawthorn)	Found scattered but frequent in all areas aside from 2.	☐		☐	☐	N	Deciduous shrub of hedgerows, scrub and understory of woodland.	LC

Species list of herbaceous plants in the woodland surrounding the Folly Survey Duration: 25th - 30th April, 22nd May, 22nd - 30th July

Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Digitalis purpurea</i> (Foxglove)	High abundance in 1 and 2.	☐	☐	☐	☐	N	Common on acidic soils in a range of habitats including- hedge banks, open woods and clearings. Common and widespread.	LC
<i>Fagus sylvatica</i> (Beech)	Found throughout the woodland.	☐	☐	☐	☐	N	Found on a wide range of base-rich to acidic, free draining soils. Grows in pure woodland but is widely planted outside range. Restricted as native to SE England Wales but due to plantation is widespread and common across UK.	LC
<i>Ilex aquifolium</i> (Holly)	Found in low densities in areas 1 and 4.	☐			☐	N	Stable and widespread. Found in deciduous woodlands especially on acidic soils where oak and beech predominate. Locally dominant undershrub which rarely dominates the canopy.	LC
<i>Galium aparine</i> (Cleavers)	Very common in woodland.	☐		☐	☐	N	Widespread and stable with no change in range since 1962. Found in cultivated land, hedges, wasteland and verges of roads and riverbanks.	LC
<i>Geranium molle</i> (Dove's Foot Crane Bill)	Found throughout areas 3 and 4.	☐		☐	☐	N	Little change in range since 1962. Found across UK aside from NW Scotland. Occupies range of open habitats including verges, waste ground and dry grasslands.	LC
<i>Geranium robertianum</i> (Herb Robert)	Scattered distribution.	☐				N	Widespread throughout UK with no change in range since 1962. Found in range of habitats such as woods- except acidic soils.	LC
<i>Geum urbanum</i> (Wood Avens)	Commonly found throughout all areas.	☐	☐	☐	☐	N	Found in moderate shade in deciduous woodland, hedgerows and disturbed habitats. Common and widespread aside from N. Scotland.	LC
<i>Glechoma hederacea</i> (Ground-ivy)	Very common and can be found in large swaths. Found in all areas	☐	☐	☐	☐	N	Widespread. No change at national scale but increasing in lowland woods due to excessive deer grazing. Found in hedgerows and grasslands on fertile soils/wasteland.	LC

Species list of herbaceous plants in the woodland surrounding the Folly Survey Duration: 25th - 30th April, 22nd May, 22nd- 30th July

Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Hedera helix</i> (Ivy)	Shaded areas on understory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		N	Subspecies need to be confirmed. Found in woodland, scrub and hedgerows. Widespread and common throughout UK.	LC
<i>Heracleum sphondylium</i> (Common Hogweed)	Scattered distribution. Common in surrounding areas and verges.	<input type="checkbox"/>			<input type="checkbox"/>	N	Widespread and abundant, no change in range since 1962. Found in habitats such as verges, rough and disturbed grassland and wasteland.	LC
<i>Holcus lanatus</i> (Yorkshire Fog)	Found growing in grassy areas in 1,2 and 4.	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	N	Found in wide range of grassland habitats including hay meadows and open woodland. Doesn't tolerate trampling. Stable and ubiquitous.	LC
<i>Hyacinthoides hispanica</i> (Spanish Bluebell)	Found in small quantities in areas 1,2 and 3. Very scattered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		N	Patchy distribution in lowland areas. Found in woodlands, hedgerows and shady roadsides. Increasing since 1960's due to hybridization with native species.	N/A- Introduced garden variety
<i>Hyacinthoides non-scripta</i> (Bluebell)	Found in small quantities in area 1. Have been planted for conservation purposes.	<input type="checkbox"/>	<input type="checkbox"/>			N	Stable and abundant in suitable habitats. Found in deciduous woodlands, shady banks and hedgerows.	LC
<i>Jacobaea vulgaris</i> (Common Ragwort)	Found growing (not in flower yet) in areas 1 and 3.	<input type="checkbox"/>		<input type="checkbox"/>		N	Widespread and abundant. No change since 1962, despite being subject to control. Found in edge habitats and disturbed land.	LC
<i>Lamium album</i> (White Dead-Nettle)	Common in shaded/ disturbed areas surrounding Folly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Widespread except W. Wales and most of Scotland. No change in range, found in secondary woodland and edge habitats.	LC
<i>Lamium galeobdolon</i> (Yellow Archangel)	Has been planted in woodland but haven't found in survey- could be missed as one plant observed.					N	No major change in range since 1962. Southern regions of UK. Found in moist woodland, hedges and roadsides. Associated with ancient woods and wood-relic hedges.	LC

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Species Name	Distribution around Folly	1	2	3	4	BAP Species (Y/N)	UK Distribution Trend	England Red List Status
<i>Leucanthemum vulgare</i> (Oxeye Daisy)	Numerous in verges/edge habitat.	☐	☐			N	Found in grassland that is cut/ moderately grazed. Prefers well-drained, neutral-base rich soils. Decline in Scotland, but spread across other parts of the UK by being sown in grass mixtures.	LC
<i>Ligustrum vulgare</i> (Privet)	Found scattered in areas 3 and 4.			☐	☐	N	Found in hedgerows, woodland and scrub. Stable, although alien records have been recorded. Common and widespread aside from N. Scotland.	LC
<i>Myosotis arvensis</i> (Field forget-me-not)	Found in small densities .	☐		☐	☐	N	Widespread and abundant despite changes in agricultural practice. Found in cultivated land, open/ disturbed ground.	LC
<i>Myosotis sylvatica</i> (Wood forget-me-not)	Found scattered in areas 1.	☐				N	Widespread .Range obscured by escape species mapped as native. Found on damp, fertile soils in woodland and rocky grassland.	LC
<i>Narcissus pseudonarcissus</i> (Daffodil)	Found scattered throughout woodland.	☐	☐	☐	☐	N	Could be confused with cultivated spanish variety. Native range in oak, ash and fern woodland. Favours coppiced areas. Slight decline due to changes in land use and management. Native limits unclear.	LC
<i>Picea abies</i> (Norway Spruce)	Found in conifer woodland in area 1.	☐				N	Evergreen tree planted in plantations and shelter-belts. Not suited for exposed and deep peat, dry soils. Reintroduced in 1500s. Stable and widespread.	N/A
<i>Pinus sylvestris</i> (Scots Pine)	Found on the outside border of woodland	☐	☐	☐	☐		Grows well in sandy, acidic soils. Widely planted in woods and shelter-belts. One of three native conifers in the UK. Common and widespread.	LC
<i>Plantago lanceolata</i> (Ribwort Plantain)	Found in all areas aside from 1.		☐	☐	☐	N	Found in a wide range of habitats aside from extremely acidic soils. Stable and widespread.	LC

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<i>Populus deltoides x nigra</i> (<i>P. x canadensis</i>) (Hybrid Black Poplar)	Found in areas 1 and 4.	☐			☐	N	Found in plantations and amenity areas. Hybrid introduced in 1770, thought to have originated from France. Widespread in lowlands.	N/A
<i>Primula veris</i> (Cowslip)	Found scattered in woodland. Flowering season was over during survey. Exact location needs to be confirmed.					N	Widespread. Decline between 1930-1980 due to agriculture. Since increased on road verges through wild flower mixes. Found on well drained grasslands. Less common in woodland rides/ edge habitat.	LC
<i>Primula vulgaris</i> (Primrose)	Common and scattered in woodland.			☐	☐	N	Widespread and abundant. Found in shaded habitats, woodland, hedgerows, and N-facing banks.	LC
<i>Prunus avium</i> (Cherry sp. ?)	Distribution needs to be confirmed.						Grows in deciduous woodland and hedges on fertile soil. Difficult native and alien populations apart. Abundant and widespread.	LC
<i>Prunus spinosa</i> (Blackthorn)	Distribution needs to be confirmed.						Found in open woodlands, scrub, hedgerows and cliff-slopes. Stable and widespread.	LC
<i>Pseudotsuga menziesii</i> (Douglas Fir)	Presence does need to be confirmed in the next survey that will focus on conifers.	☐				N	Introduced to UK in 1982 by a botanist. Originated from western N. America. Usually planted in sheltered, well-drained sites. Locally common and widespread in estate woodland.	N/A
<i>Quercus robur</i> (English Oak)	Common in all areas aside from 2.	☐		☐	☐	N	Long lived deciduous tree of coppiced or ancient woodland. Grows on a wide range of soils except for thin soils over limestone and peat. Common and widespread through woodland management.	LC
<i>Ranunculus acris</i> (Meadow Buttercup)	Found throughout.	☐	☐	☐	☐	N	Stable and ubiquitous. Found in damp meadows and pastures and a variety of soils. Characteristic of relic herb rich damp road verges and unimproved hay and water meadows.	LC

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<i>Ranunculus ficaria</i> (Lesser Calendine)	Ubiquitous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Widespread and stable. Losses in Scotland could reflect lack of surveying in spring. Found in habitats such as woods, banks and meadows. Prefers damp, clay soils.	LC
<i>Ranunculus repens</i> (Creeping Buttercup)	Common in areas found.	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	N	Common and stable distribution throughout UK. Found in wide range of habitats but mainly disturbed on damp or nutrient rich soils.	LC
<i>Rubus fruticosus</i> (Bramble)	Distributed throughout, heavy management with clearing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Over 320 micro species, no change in range since 1962. Widespread and abundant. Found in woods, scrub, banks and disturbed habitats.	LC
<i>Rumex acetosa</i> (Narrow leaved Dock/ Common Sorrel)	Found in areas 1 and 4 in low densities.	<input type="checkbox"/>			<input type="checkbox"/>	N	Found in neutral-slightly acidic soils in range of habitats such as woodland rides, meadows and shingle beaches. Stable and widespread.	LC
<i>Rumex obtusifolius</i> (Broad-leaved dock)	Common in woodland.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Commonest species of <i>Rumex</i> in UK. Widespread and stable. Found in field margins, and edge habitats in mainly lowland areas.	LC
<i>Sambucus nigra</i> (Elder)	Common throughout.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Found in a wide range of habitats including woodland and hedgerows. Berries are a good food source for birds. Stable and widespread.	LC
<i>Silene dioica</i> (Red Campion)	Found throughout woodland in dense assemblages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	No change in range since 1962. Widespread except N and Central Scotland. Found in lightly shaded habitats such as woodland clearings and hedgerows.	LC
<i>Silene latifolia</i> (White Campion)	Verges in area 1 and 2.	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	N	Occurs on arable land and on deep, well-drained soils. Slight decline in western edge of British range.	LC
<i>Solanum dulcamara</i> (Bittersweet)	Only observed in area 2.		<input type="checkbox"/>			N	Grows in woodland, thickets, hedgerows and even shingle beaches. Stable and widespread on lowland.	LC

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<i>Sonchus oleraceus</i> (Smooth Sow-thistle)	Found in all areas aside from 1. Scattered but common.		☐	☐	☐	N	Found in disturbed or trampled grassland/ habitats. Stable and widespread.	LC
<i>Sorbus aucuparia</i> (Rowan)	Found in all areas aside from 3.	☐	☐		☐	N	Found in woods, cliffs, rock outcrops and rocky riversides. Avoids dense shade. Common and ubiquitous.	LC
<i>Stellaria media</i> (Common Chickweed)	Common.	☐	☐		☐	N	Widespread and stable. Found in a wide range of disturbed habitats, particularly nutrient rich conditions.	LC
<i>Symphytum officinale</i> (Comfrey agg.)	Very common throughout woodland.	☐	☐	☐	☐	N	Over recorded for another subspecies in 1962 Atlas so distribution is unclear. Widespread and good plant for pollinators.	LC
<i>Taraxacum officinale</i> (Dandelion)	Very common and found scattered in all areas.	☐	☐	☐	☐	N	Stable and widespread with 229 apomictic micro-species. Occur in wide range of habitats but prefer disturbed sites.	LC
<i>Taxus baccata</i> (Yew)	Distribution needs to be confirmed.						Mainly a plant of well-drained, calcareous soils. Grows in mixed woodland or in pure stands and is widely planted in churchyards and amenity areas. Impossible to distinguish native and alien species. Common and widespread.	LC
<i>Tilia cordata x platyphyllos</i> (<i>T. x europaea</i>) (Lime)	Common in all areas aside from 2.	☐		☐	☐	N	Native in some woods but is mostly a planted tree. Two clones of this hybrid were widely planted in the 17 th and 18 th century. Stable and widespread.	LC

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<i>Trifolium repens</i> (White Clover)	Scattered- has been planted in some areas.	<input type="checkbox"/>			<input type="checkbox"/>	N	Widespread and stable. Occurring in all grasslands except extreme wet or acidic soils. Tolerant of disturbance.	LC
<i>Urtica dioica</i> (Common Nettle)	Very common and found in all areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N	Increased since 1950s due to fertilizer use. Occurs in wide range of habitats such as woods, scrub, waste ground and unmanaged grasslands. Widespread.	LC
<i>Veronica chamaedrys</i> (Germander Speedwell)	Scattered				<input type="checkbox"/>	N	Found on most soils in woods, hedgerows, grassland and waste ground. Stable and widespread.	LC
<i>Vicia sativa</i> (Common Vetch)	Only found in area 4.				<input type="checkbox"/>	N	Grows on dry, sandy sites. Stable and widespread.	LC

-Need to ID conifers

-Conservation info on butterflies

-More detailed distribution info on trees- specifically those highlighted in red

Summary of results

- 56 species in area 1, 38 in area 2, 42 in area 3 and 53 in area 4.
- Area 1 more biodiverse- could be due to replanting attempts? Area 4 had a lot of species at the edge of woodland due to increased sunlight.
- Approximately 73 species identified and all are classified as having a conservation status of 'Least Concern' on the England Red List of plants.

Butterfly Species

Species	Abundance
Green-veined White	2
Speckled Wood	1
Peacock	1
Small White	3
Red Admiral	2
Large White	1