

APPENDIX A

AGEAS BOWL REDEVELOPMENT, EASTLEIGH

DESK STUDY TECHNICAL NOTE

1 INTRODUCTION

This Technical Note presents the results of a desk-based assessment carried out by Johns Associates Ltd in support of the development proposals at the Ageas Bowl (hereafter referred to as 'the Site'), Botley, Hampshire.

The aim of the desk study is to collate existing ecological records for the Site to help define the likely zone of influence of the proposed development. Obtaining existing records is an important part of the assessment process as it provides information on issues that may not be apparent during field surveys and assists in assessing the nature conservation value of the Site, the likely presence of notable or legally protected species, habitats and non-statutory designated sites and identifies potential constraints to development.

2 METHODOLOGY

Existing non-statutory designated site information and records of notable and/or legally protected species were obtained for an area extending up to 2km from the Site boundary. This ecological information was provided by the Hampshire Biodiversity Information Centre (HBIC) in July 2021.

The Multi-Agency Geographical Information for the Countryside (MAGIC) website (www.magic.gov.uk) was used to highlight statutory designated sites of international nature conservation importance within 5km of the site; and for statutory sites of national or local nature conservation importance and areas of Priority Habitat within 2km of the site. This resource was also used to identify previously granted licences for European Protected Species (EPS), including dormouse, great crested newt and bats.

3 RESULTS

3.1 DESIGNATED SITES

3.1.1 Statutory Sites

International importance

There are three statutory designated sites of international importance within 5km of the Site boundary:

Solent & Southampton Water SPA and Ramsar Site

The Solent & Southampton Water SPA and Ramsar Site is located approximately 2.5km southeast of the Site. The site qualifies under Article 4.1 of the Birds Directive (79/409/EEC) by supporting populations of European importance of the following species, listed on Annex I of the Directive:

During the breeding season:

Common tern *Sterna hirundo*, 267 pairs representing at least 2.2% of the breeding population in Great Britain (5-year peak mean, 1993-1997)

Little tern *Sterna albifrons*, 49 pairs representing at least 2.0% of the breeding population in Great Britain (5-year peak mean, 1993-1997)

Mediterranean gull *Larus melanocephalus*, 2 pairs representing at least 8.2-13.9% of the breeding population in Great Britain (5-year peak mean, 1994-1998)

Roseate tern *Sterna dougallii*, 2 pairs representing at least 3.1% of the breeding population in Great Britain (5-year peak mean, 1993-1997)

Sandwich tern *Sterna sandvicensis*, 231 pairs representing at least 1.7% of the breeding population in Great Britain (5-year peak mean, 1993-1997)

The site also qualifies under Article 4.2 of the Directive (79/409/EEC) by supporting populations of European importance of the following migratory species:

Over winter:

Black-tailed godwit *Limosa limosa islandica*, 1,125 individuals representing at least 1.6% of the wintering Iceland-breeding population (5-year peak mean, 1992/93 – 1996/97)

Dark-bellied Brent goose *Branta bernicla bernicla*, 7,506 individuals representing at least 2.5% of the wintering Western Siberia/ Western Europe population (5-year peak mean, 1992/93 – 1996/97)

Ringed plover *Charadrius hiaticula*, 552 individuals representing at least 1.1% of the wintering Europe/ Northern Africa-wintering population (5-year peak mean, 1992/93 – 1996/97)

Teal *Anas crecca*, 4,400 individuals representing at least 1.1% of the wintering Northwestern Europe population (5-year peak mean, 1992/93 – 1996/97)

Assemblage qualification: a wetland of international importance

The area qualifies under Article 4.2 of the Directive (79/409/EEC) by regularly supporting at least 20,000 waterfowl.

Over winter, the area regularly supports 53,948 individual waterfowl (5-year peak mean, 1991/92 – 1995/96).

River Itchen SAC

The River Itchen SAC is located approximately 3.1km northwest of the Site. The Natura 2000 Standard Data Form for the River Itchen SAC gives the qualifying features of interest as:

Annex I Habitats that are a Primary Reason for Site Selection:

- Watercourses of plain to montane levels with the *Ranunculon fluitantis* and *Callitricho-Batrachion* vegetation.

The Itchen is a classic example of a sub-type 1 chalk river. The river is dominated throughout by aquatic *Ranunculus* species. The headwaters contain pond water-crowfoot *R. peltatus*, whilst two *Ranunculus* species occur further

downstream: stream water-crowfoot *R. penicillatus* ssp. *pseudofluitans*, a species especially characteristic of calcium-rich rivers, and river water-crowfoot *R. fluitans*.

Annex II Species that are a Primary Reason for Site Selection:

- Southern damselfly *Coenagrion mercurial*.

Strong populations of southern damselfly occur here, estimated to be in the hundreds of individuals. The site in central southern England represents one of the major population centres in the UK. It also represents a population in a managed chalk-river floodplain, an unusual habitat for this species in the UK, rather than on heathland.

- Bullhead *Cottus gobio*.

The Itchen is a classic chalk river that supports high densities of bullhead throughout much of its length. The river provides good water quality, extensive beds of submerged plants that act as a refuge for the species, and coarse sediments that are vital for spawning and juvenile development.

Annex II Species present as a Qualifying Feature, but not a Primary Reason for Site Selection:

- White-clawed (or Atlantic stream) crayfish *Austropotamobius pallipes*;
- Brook lamprey *Lampetra planeri*;
- Atlantic salmon *Salmo salar*; and
- Otter *Lutra lutra*

Solent Maritime SAC

The Solent Maritime SAC is located approximately 3.3km southeast of the Site. The Natura 2000 Standard Data Form for the Solent Maritime SAC gives the qualifying features of interest as:

Annex I Habitats that are a Primary Reason for Site Selection:

- Estuaries

The Solent encompasses a major estuarine system on the south coast of England with four coastal plain estuaries (Yar, Medina, King's Quay Shore, Hamble) and four bar-built estuaries (Newtown Harbour, Beaulieu, Langstone Harbour, Chichester Harbour). The site is the only one in the series to contain more than one physiographic sub-type of estuary and is the only cluster site. The Solent and its inlets are unique in Britain and Europe for their hydrographic regime of four tides each day, and for the complexity of the marine and estuarine habitats present within the area. Sediment habitats within the estuaries include extensive estuarine flats, often with intertidal areas supporting eelgrass *Zostera* spp. and green algae, sand and shingle spits, and natural shoreline transitions. The mudflats range from low and variable salinity in the upper reaches of the estuaries to very sheltered almost fully marine muds in Chichester and Langstone Harbours. Unusual features include the presence of very rare sponges in the Yar estuary and a sandy 'reef' of the polychaete *Sabellaria spinulosa* on the steep eastern side of the entrance to Chichester Harbour.

- Spartina swards (*Spartinion maritimae*)

Solent Maritime is the only site for smooth cord-grass *Spartina alterniflora* in the UK and is one of only two sites where significant amounts of small cord-grass *S. maritima* are found. It is also one of the few remaining sites for Townsend's cord-grass *S. x townsendii* and holds extensive areas of common cord-grass *Spartina anglica*, all

four taxa thus occurring here in close proximity. It has additional historical and scientific interest as the site where *S. alterniflora* was first recorded in the UK (1829) and where *S. x townsendii* and, later, *S. anglica* first occurred.

- Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*)

The Solent contains the second-largest aggregation of Atlantic salt meadows in south and south-west England. Solent Maritime is a composite site composed of a large number of separate areas of saltmarsh. In contrast to the Severn estuary, the salt meadows at this site are notable as being representative of the un-grazed type and support a different range of communities dominated by sea-purslane *Atriplex portulacoides*, common sea-lavender *Limonium vulgare* and thrift *Armeria maritima*. As a whole, the site is less truncated by man-made features than other parts of the south coast and shows rare and unusual transitions to freshwater reedswamp and alluvial woodland as well as coastal grassland. Typical Atlantic salt meadow is still widespread in this site, despite a long history of colonisation by cord-grass *Spartina* spp.

Annex I Habitats present as a Qualifying Feature, but not a Primary Reason for Site Selection:

- Sandbanks which are slightly covered by sea water all the time;
- Mudflats and sandflats not covered by seawater at low tide;
- Coastal lagoons;
- Annual vegetation of drift lines;
- Perennial vegetation of stony banks;
- *Salicornia* and other annuals colonizing mud and sand; and
- "Shifting dunes along the shoreline with *Ammophila arenaria* ('white dunes')."

Annex II Species present as a Qualifying Feature, but not a Primary Reason for Site Selection:

- Desmoulin's whorl snail *Vertigo moulinsiana*

National importance

There are three statutory designated sites of national importance within 2km of the Site boundary:

Moorgreen Meadows SSSI

This SSSI is located 200m northeast of Site boundary. The Site is separated from this SSSI by the M27 motorway. The SSSI is 14ha in size comprising neutral meadows and alder wood surrounding a small tributary of the River Hamble. The sward is of scientific importance for its populations of marsh orchids, including examples such as northern marsh orchid, *Dactylorhiza purpurella*, along with other species of *Dactylorhiza*. On this site can be found hybrids between many species of marsh orchid, making it a centre of micro-evolution.

Wildern Local Nature Reserve (LNR)

This LNR is located 300m southeast of the Site boundary and is separated from this LNR by the M27 motorway/slip road. Wildern is a 10ha wetland habitat site comprising ponds, flood meadows woodlands and a valley mire, all linked by streams. It supports a variety of finches, including goldfinch *Carduelis carduelis*, chaffinch *Fringilla coelebs* and greenfinch *Chloris chloris*. It also supports a range of invertebrates including purple hairstreak *Favonius quercus*, large skipper *Ochlodes sylvanus* and golden-ringed dragonfly *Cordulegaster boltonii*.

Netley Common LNR

This LNR is located 1.14km south of the Site boundary. Netley Common is a 12.75ha urban fringe site comprising the last remaining open heathland in the local area, including habitats such as grassland, scrub and mixed woodland. The

fragmented heathland is particularly rare and is of national biodiversity importance, along with its role of hosting a variety of wildlife; for these reasons it has LNR status.

3.1.2 Non-statutory Sites

There are 18 non-statutory Sites of Importance for Nature Conservation (SINC) within 2km of the Site boundary. Details are given in Table 1.

Table 1: Non-Statutory SINC's located within 2km of the Site Boundary

SINC Name	Central Grid Reference	Description (Hampshire County Council)	Area (ha)	Location relative to Site
West End Copse	SU 4580 1450	Ancient semi-natural woodland	5.65	1.33km west/northwest
Dummers Copse South	SU 4620 1530	Ancient semi-natural woodland	0.84	1.52km northwest
Dummers Copse North	SU 4630 1540	Ancient semi-natural woodland	3.98	1.56km northwest
Hatch Grange Meadows	SU 4660 1490	Semi-natural woodland comprising community types of County importance and semi-improved grassland	2.56	970m northwest
Thornhill Park Plantation	SU 4667 1285	Semi-improved grassland of nature conservation interest and Community Wildlife Site	3.41	550m southwest
Harefield Copse	SU 4670 1320	Ancient semi-natural woodland	5.97	320m west
Withybed Covert/ Ridgeway Copse	SU 4700 1600	Ancient semi-natural woodland	3.37	1.69km northwest
West End Covered Reservoir	SU 4710 1362	Impoverished grassland containing relic unimproved grassland. Site supports more than one notable species.	1.09	110m west
Telegraph Woods	SU 4730 1380	Pasture woodland and wooded commons of considerable biological and historical interest. Afforested heathland site with remnants of heathland recovery areas	20.30	Directly adjacent to the west
Winslowe House Meadow	SU 4750 1580	Agriculturally unimproved grassland	2.57	1.35km north
Dumbleton's Copse	SU 4760 1210	Afforested heathland site with open area of heathland	11.09	840m south
Meadow adjacent to Home Covert	SU 4770 1570	Semi-improved grassland	2.95	1.32km north

SINC Name	Central Grid Reference	Description (Hampshire County Council)	Area (ha)	Location relative to Site
Home Covert, West End	SU 4780 1580	Ancient semi-natural woodland	1.17	1.32km north
Netley Hill Heath	SU 4800 1190	Heathland vegetation – afforested heathland with remnants of heathland recovery areas	2.54	1.23km south
Hogsty Corner	SU 4840 1320	Ancient semi-natural woodland, semi-natural woodland comprised of community types of County importance. Afforested heathland with remnants of heathland recovery areas. Fen grasslands that support flora and fauna of unimproved and waterlogged conditions	2.39	300m southeast
Bridget Mary Garden	SU 4860 1280	Semi-natural woodland comprising community types of County importance. Semi-improved grassland	3.28	740m southeast
Moorgreen Woodlands	SU 4860 1451	Ancient semi-natural woodland. Semi-natural woodland comprising community types of County importance.		500m northeast
Wildern Nature Park	SU 4890 1330	Ancient semi-natural woodland. Semi-natural woodland comprising community types of County importance. Agriculturally unimproved grassland. Fen grassland that supports flora and fauna of unimproved and waterlogged conditions	4.60	650m southeast

3.2 PRIORITY HABITATS

The Site includes one Priority Habitat - lowland mixed deciduous woodland - located along the northern, western and eastern Site boundaries. Additional areas of this habitat type are distributed within 2km.

Six additional Priority Habitats are present within 2km of the Site, including lowland heathland, purple moor-grass rush pasture, wet woodland, coastal and floodplain grazing marsh, lowland dry acid grassland and lowland meadow.

3.3 ANCIENT WOODLAND

There are eight ancient woodland sites located within 2km of the Site boundary, details in Table 2 below.

Table 2: Ancient Woodlands within 2km of Site Boundary

Woodland type	Area (ha)	Distance from the site boundary
Ancient & semi-natural woodland	3.62	1.41km west
Ancient and semi-natural woodland	0.55	1.58km north west
Bushy/Withybed Copses - Ancient and semi-natural woodland	4.56	1.73km north west
Dummers Copse – Ancient and semi-natural woodland	3.80	1.55km north west
Ancient and semi-natural woodland	2.74	1.67km east
Ancient and semi-natural woodland	2.05	1.84km east
Catland/Fosters/Bottom Copses – Ancient and semi-natural woodland	3.15	1.83km south east
Ancient replanted woodland	0.38	1.94km north west

3.4 EUROPEAN PROTECTED SPECIES (EPS) LICENCES

Six EPS licence applications have been issued and granted within 2km of the Site. Three of these were issued within the Site boundary for hazel dormouse, (associated with previous development activity at the Ageas Bowl), the other three were issued for bat species surrounding the Site.

Table 3: European Protected Species Licences Issued & Granted within 2km of Site Boundary

Latin name	Common name	Licence impact	Licence dates	Location relevant to site boundary
<i>Muscardinus avellanarius</i>	Hazel Dormouse	Impact on breeding site Destruction of breeding site Destruction of resting place	19/11/2013 – 31/10/2017	On site in south/south east corner
<i>Muscardinus avellanarius</i>	Hazel Dormouse	Impact on breeding site Damage and destruction of breeding site Damage and destruction of resting place	15/05/2014 – 31/10/2017	On site in south/south east corner
<i>Muscardinus avellanarius</i>	Hazel Dormouse	Impact on breeding site Damage and destruction of breeding site Damage and destruction of resting place	14/01/2015 – 31/10/2017	On site in south/south east corner
<i>Pipistrellus pipistrellus</i> , <i>Plecotus auritus</i>	Common pipistrelle, Brown long-eared bat	Damage and destruction of resting place	17/05/2016 – 17/05/2026	280m north west
<i>Pipistrellus pipistrellus</i>	Common pipistrelle	Destruction of resting place	25/04/2013 – 01/04/2015	500m east
<i>Pipistrellus pipistrellus</i> , <i>Pipistrellus pygmaeus</i> , <i>Plecotus auritus</i>	Common pipistrelle, Soprano pipistrelle, Brown long-eared bat	Destruction of resting place	11/04/2016 – 30/04/2020	1.32km north

3.5 PROTECTED AND NOTABLE SPECIES

A range of protected and notable flora and fauna species have been recorded within 2km of the Site boundary. These are presented in Table 4, alongside a Key.

Key;

¹WCA: Listed on Schedule 1, 5 or 8 of the Wildlife and Countryside Act (1981) (as amended)

²Habitat Regulations: Listed on Schedule 2 of the Conservation of Habitats and Species (Amendment) Regulations 2011

³Listed as a Species of Principal Importance in England under s41 of the Natural Environment and Rural Communities (NERC) Act (2006)

⁴County level – CI County Importance, CS County Scarce, CR County Rare

⁵IUCN Red List of Threatened Species.

⁶Bird species on the Red List of Birds of Conservation Concern

⁷Bird species on the Amber List of Birds of Conservation Concern

Table 4: Notable and Protected Species within 2km of Site Boundary

Latin name	Common name	Status							Location	Number of records between 2011-2021 & distance from site
		WCA ¹	Habs Regs ²	SOP ³	County ⁴	IUCN list ⁵	Red listed ⁶	Amber listed ⁷		
Amphibians & Reptiles										
<i>Anguis fragilis</i>	Slow worm	X		X					SU472141	48 recordings. Closest record 140m west of site
<i>Bufo bufo</i>	Common toad			X					SU4720141	1 record, 140m west of site.
<i>Natrix helvetica</i>	Grass snake	X		X					SU486146	1 record, 600m north east of site.
<i>Zootoca vivipara</i>	Common lizard	X		X					SU489133	2 records. Closest record 860m east of site,
Birds										
<i>Acanthis cabaret</i>	Lesser Redpoll			X			X		SU487130	3 recordings. Closest record 770m south east of site.
<i>Alcedo atthis</i>	Kingfisher	X							SU4814	8 recordings. One recorded on site.
<i>Anthus trivialis</i>	Tree Pipit			X			X		SU4912	2 recordings. Closest record 1.7km south east of site.
<i>Ardea cinerea</i>	Grey Heron				CS				SU490133	2 recordings. Closest record 940m east of site.
<i>Branta bernicla</i>	Dark-bellied Brent Goose			X					SU485129	1 record, 680m south east of site.
<i>Cettia cetti</i>	Cetti's Warbler	X			CS				SU4716	4 recordings. Closest record 1.9km north west of site.
<i>Chroicocephalus ridibundus</i>	Black-headed Gull				CR				SU4813	8 recordings. Closest record 350m south of site.
<i>Coccothraustes coccothraustes</i>	Hawfinch			X	CS		X		SU4713	4 recordings. Closest record 300m south west of site.
<i>Cuculus canorus</i>	Cuckoo			X			X		SU4912	8 recordings. Closest record 1.7km south east of site.

<i>Dryobates minor</i>	Lesser Spotted Woodpecker						X		SU471130	2 recordings. Closest record 210m south west of site.
<i>Emberiza schoeniclus</i>	Common Reed Bunting			X					SU4615	3 recordings. Closest record 1.6km north west of site.
<i>Ficedula hypoleuca</i>	European Pied Flycatcher				CR		X		SU468147	9 recordings. Closest record 800m north west of site.
<i>Larus argentatus</i>	European Herring Gull				CR		X		SU4813	25 recordings. Closest record 350m south of site.
<i>Milvus milvus</i>	Red Kite	X			CR				SU4714	39 recordings. Closest record directly adjacent to west.
<i>Passer domesticus</i>	House Sparrow			X			X		SU4813	23 recordings. Closest record 350m south of site.
<i>Regulus ignicapilla</i>	Common Firecrest	X			CS				SU4614	130 recordings. Closest record 1.3km west of site.
<i>Turdus iliacus</i>	Redwing	X					X		SU4813	24 recordings. Closest record 350m south of site.
<i>Turdus pilaris</i>	Fieldfare	X					X		SU4713	5 recordings. Closest record 300m south west of site.
<i>Tyto alba</i>	Western Barn Owl	X							SU4815	2 recordings. Closest record 710m north of site.
<i>Vanellus vanellus</i>	Lapwing								SU4713	3 recordings. Closest record 300m south west of site.
Invertebrates										
<i>Agelastica alni</i>	Alder leaf beetle					X			SU4713	23 recordings. Closest record 300m south west of site.
<i>Abraxas sylvata</i>	Clouded Magpie				CR				SU494148	1 record, 1.4km north east of site
<i>Acleris literana</i>	Lichen Button				CR				SU494148	3 recordings. Closest record 1.4km north east of site.
<i>Acronicta rumicis</i>	Knot grass moth			X					SU467139	66 recordings. Closest record 650m west of site.
<i>Adela cuprella</i>	Early Long-horn				CR				SU477120	1 record, 1.2km south of site.
<i>Agrochola lychnidis</i>	Beaded Chestnut			X					SU494148	12 recordings. Closest record 1.4km north east of site.
<i>Allophyes oxyacanthae</i>	Green-brindled Crescent			X					SU494148	48 recordings. Closest record 1.4km north east of site.
<i>Amphipyra tragopoginis</i>	Mouse Moth			X					SU494148	20 recordings. Closest record 1.4km north east of site.
<i>Apamea remissa</i>	Dusky Brocade			X					SU494148	30 recordings. Closest record 1.4km north east of site.
<i>Apamea unanimitis</i>	Small Clouded Brindle				CS				SU494148	2 recordings. Closest record 1.4km north east of site.
<i>Aporophyla lutulenta</i>	Deep-brown Dart			X					SU494148	16 recordings. Closest record 1.4km north east of site.
<i>Argynnis paphia</i>	Silver-washed Fritillary				CI				SU487132	9 recordings. Closest record 690m east of site.
<i>Coenonympha pamphilus</i>	Small Heath			X		X			SU459145	1 record, 1.5km west of site.
<i>Epirrhoe galiata</i>	Galium Carpet			X	CS				SU494148	2 recordings. Closest record 1.4km north east of site.

<i>Limenitis camilla</i>	White Admiral			X		X			SU493149	1 record, 1.4km north east of site.
<i>Lucanus cervus</i>	Stag beetle			X					SU481147	150 recordings. Closest record 420m north of site,
<i>Satyrion w-album</i>	White-letter Hairstreak			X	CS	X			SU48771418	9 recordings. Closest record 600m east of site.
<i>Sympetrum striolatum</i>	Common Darter					X			SU473141	200+ recordings. One recorded on site.
Mammals										
<i>Apodemus flavicollis</i>	Yellow-necked mouse				CS				SU47451333	1 recorded on site.
<i>Erinaceus europaeus</i>	Western European hedgehog			X		X			SU46911368	28 recordings. Closest record 360m west of site.
<i>Meles meles</i>	Eurasian badger	X							SU478134	16 recordings. One recorded on site.
<i>Muscardinus avellanarius</i>	Hazel dormouse	X	X	X		X			SU480135	4 recordings. Present historically within the Ageas Bowl landholding.
Mammals - Bats										
<i>Barbastella barbastellus</i>	Western barbastelle	X	X	X	CI	X			SU474133	3 recordings. One recorded on site.
<i>Eptesicus serotinus</i>	Serotine	X	X	X		X			SU472141	7 recordings. Closest record 110m west of site.
<i>Myotis nattereri</i>	Natterer's bat	X	X	X					SU480147	1 record, 400m north of site.
<i>Myotis species</i>	Myotis sp.	X	X	X	CI	X			SU472141	8 recordings. Closest record 110m west of site.
<i>Nyctalus noctula</i>	Noctule	X	X	X					SU472141	12 recordings. Closest record 110m west of site.
<i>Pipistrelle nathusii</i>	Nathusius's pipistrelle	X	X			X			SU471151	1 record, 1km north west of site.
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	X	X						SU472141	32 recordings. Closest record 110m west of site
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	X	X	X					SU472141	20 recordings. Closest record 110m west of site.
<i>Plecotus auritus</i>	Brown long-eared	X	X	X	CI	X			SU493145	3 recordings. Closest record 1.2km east of site
<i>Plecotus species</i>	Plecotus sp.	X	X	X	CI	X			SU478134	8 recordings. One recorded on site.
Plants										
<i>Anthemis cotula</i>	Stinking Chamomile					X			SU4816	1 record, 1.7km north of site.
<i>Calluna vulgaris</i>	Heather					X			SU473138	6 recordings. Closest record directly adjacent to west.
<i>Carex echinata</i>	Star Sedge					X			SU467132	1 record, 530m west of site.
<i>Fragaria vesca</i>	Wild Strawberry					X			SU4812	1 record, 1.3km south of site.
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort					X			SU4814	2 recordings. One recorded on site.
<i>Jacobaea aquatica</i>	Marsh Ragwort					X			SU486146	1 record, 600m north east of site.
<i>Knautia arvensis</i>	Field Scabious					X			SU4612	1 record, 1.7 km south west of site.

<i>Mentha arvensis</i>	Corn Mint					X			SU473141	2 recordings. One recorded directly adjacent to west.
<i>Oxalis acetosella</i>	Wood-sorrel					X			SU4814	5 recordings. One recorded on site.
<i>Potentilla erecta</i>	Tormentil					X			SU4814	6 recordings. One recorded on site.
<i>Salix repens</i>	Creeping Willow					X			SU484145	1 recording, 390m north east of site.
<i>Sanicula europaea</i>	Sanicle					X			SU473138	2 recordings. One recorded directly adjacent to west.
<i>Silene flos-cuculi</i>	Ragged-Robin					X			SU4814	3 recordings. One recorded on site.
<i>Solidago virgaurea</i>	Goldenrod					X			SU4612	3 recordings. Closest record 1.7 km south west of site.
<i>Spiranthes spiralis</i>	Autumn Lady's-tresses					X			SU4713	11 recordings. Closest record 300m south west of site.
<i>Succisa pratensis</i>	Devil's-bit Scabious					X			SU4814	5 recordings. One recorded on site.
<i>Valeriana officinalis</i>	Common Valerian					X			SU4814	2 recordings. One recorded on site.
<i>Veronica officinalis</i>	Heath Speedwell					X			SU4814	4 recordings. One recorded on site.
<i>Veronica scutellata</i>	Marsh Speedwell					X				3 recordings. Closest record 460m north east of site.

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