

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Chiroptera sp.</i>	Bat sp.	Sensitive EU_Hab_4 WCA_s5p91(k) WCA_s5p91(t) WCA_s5p94a WCA_s5p94b EPS	SU723018	Sensitive	1996	1996	1	0
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	Sensitive EU_Hab_4 UKBAP WCA_s5p91(k) WCA_s5p91(t) WCA_s5p94a WCA_s5p94b EPS NERC_s41	SU733018	Sensitive	2004	2004	1	227
<i>Pipistrellus sp.</i>	Pipistrelle Bat	Sensitive EU_Hab_4 WCA_s5p91(k) WCA_s5p91(t) WCA_s5p94a WCA_s5p94b EPS	SU733022	Sensitive	2002	2002	1	8

* Indicates some of these records are unconfirmed

Confidential records

HBIC holds a small number of records that are to be treated as confidential. Confidentiality can be for a variety of reasons and may relate to a whole site or only to specific species. These records may be withheld or released depending on the nature of the data request and in accordance with the Environmental Information Regulations 2004.

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Sensitive species

A small number of species are considered as sensitive by the relevant specialist species recording groups and will be indicated as such on all lists. Species may be considered sensitive for a variety of reasons. Location details for these records will not be disclosed unless the relevant species recording group has given their permission. Grid references will be altered to give a less precise position. Contact HBIC if further information is needed on these records.

Common species

The following species are included in the list because they have a national status. However, they are relatively common in Hampshire and are not used in the identification of SINC's which meet Section 6 of the Hampshire SINC criteria:

- *Hyacinthoides non-scripta* (Bluebell)

Records of species such as the Nationally Rare Box (*Buxus sempervirens*) may not appear on the list as there may be many records but their provenance is not known.

Further notes

- The location names, where shown, are the originals given by the recorders and may not match any formal name for the location or other colloquial names by which the location may also be known.
- The grid references, where shown, are the originals given by the recorders and may indicate the specific location of the species, a central grid reference representing a larger survey area, or a grid square.
- Where species have been deemed as 'sensitive' by the relevant specialist species recording group the location name will not be shown and the grid reference will have been altered to give a less precise position specified by the species recording group.
- Many of the records have been supplied by specialist species recording groups. Whilst every reasonable effort is made to validate information supplied to the Hampshire Biodiversity Information Centre the accuracy or comprehensiveness of this information cannot be guaranteed.
- Records do not necessarily represent evidence of breeding at a site; please contact HBIC if further details are required for any of these records.
- Whilst a species may have been recorded at a site, this does not indicate that the species is still present. Equally, the absence of a species from a site does not signify that it is absent, only that it has not been recorded, that the site has not been surveyed for this species, or that HBIC has not been informed of its presence.
- Quantities of '0' (zero) indicate that the species was 'present' but the number of individuals seen was not recorded. Negative quantities correspond to the DAFOR scale (plus very rare and 'locally' criteria) as follows:
 - -1 = Dominant (DAFOR)
 - -2 = Abundant (DAFOR)
 - -3 = Frequent (DAFOR)

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- -4 = Occasional (DAFOR)
- -5 = Rare (DAFOR)
- -6 = Very Rare
- -21 = Locally Dominant
- -22 = Locally Abundant
- -23 = Locally Frequent
- Negative quantities of ‘-7’ (minus seven) indicates that the species was ‘not found’. These records are not included in protected and notable species lists.
- Max_Count values of ‘0’ (zero) indicate that none of the records had a positive quantity count and hence the highest count numerical value was ‘0’ (indicating ‘present’). Max_Count values of blank indicate that none of the records had a numerical count value and instead they all had frequency values (e.g. using the DAFOR scale).

Status codes and abbreviations:

EU_Bird_1	Annex I of the Birds Directive
EU_Bird_21	Annex II/1 of the Birds Directive
EU_Bird_22	Annex II/2 of the Birds Directive
EU_Hab_2	Annex II of the Habitats Directive (priority species)
EU_Hab_2np	Annex II of the Habitats Directive (non-priority species)
EU_Hab_4	Annex IV of the Habitats Directive
EU_Hab_5	Annex V of the Habitats Directive
IUCN_(pre 94)	See IUCN (pre 1994) guidelines
IUCN_(1994)	See IUCN (1994) guidelines
IUCN_(2001)	See IUCN (2001) guidelines
BOCC_Red	Birds of Conservation Concern Red list
NR	Nationally rare (occurring in 15 or fewer 10km squares in Great Britain)
NS	Nationally scarce (occurring in 16 - 100 10km squares in Great Britain)
NN	Nationally notable (occurring in 16 - 100 10km squares in Great Britain or less than 20 Vice Counties)
UKBAP	UK Biodiversity Action Plan priority species
HBAP	Hampshire Biodiversity Action Plan species
WCA_s1p1	Schedule 1 Part 1 of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s91(k)	Schedule 5 Section 9 Part 1 (killing/injuring) of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s91(t)	Schedule 5 Section 9 Part 1 (taking) of the Wildlife and Countryside Act 1981 (as amended)

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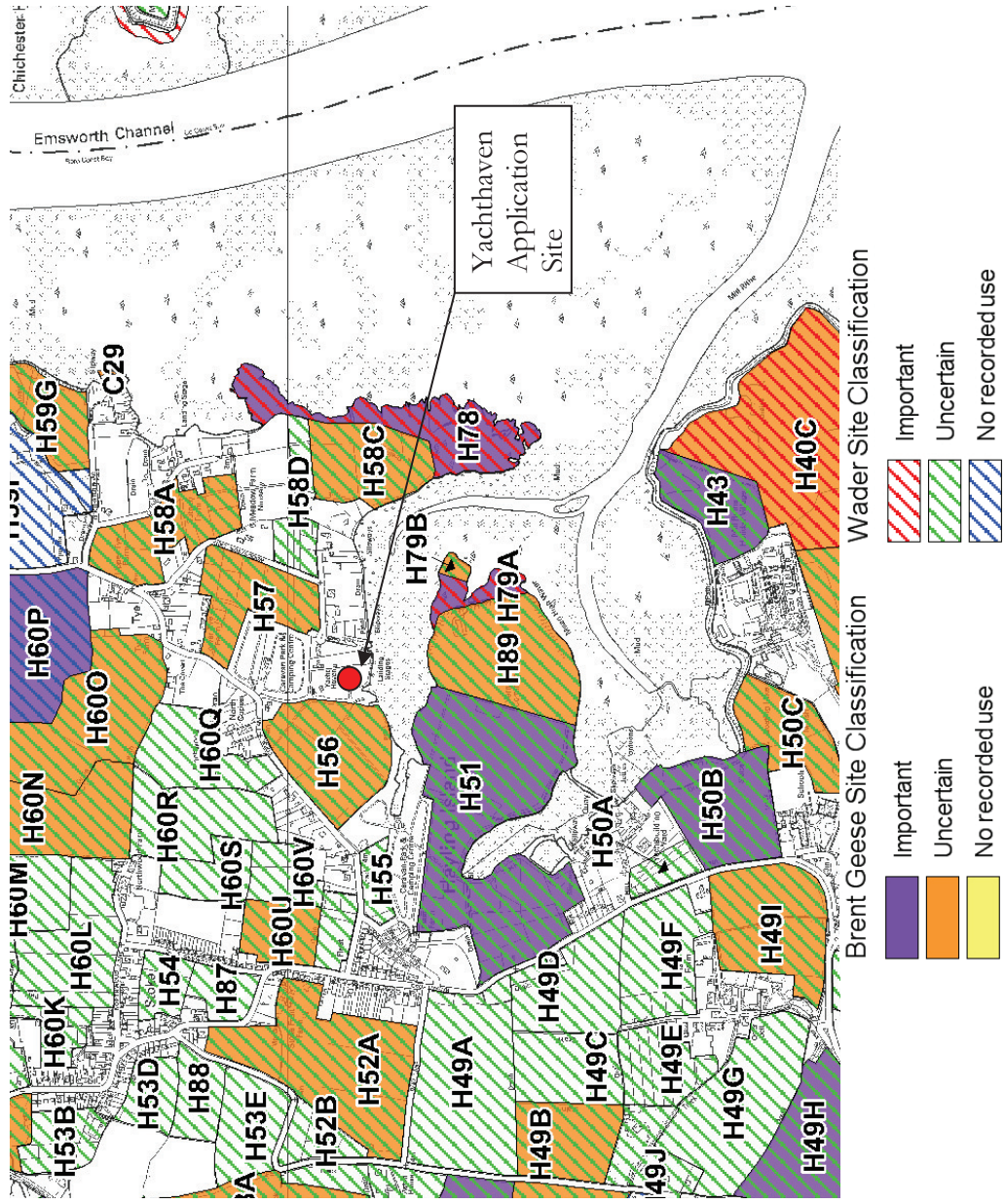
WCA_s5s94a	Schedule 5 Section 9 Part 4a of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s94b	Schedule 5 Section 9 Part 4b of the Wildlife and Countryside Act 1981 (as amended)
WCA_s8	Schedule 8 of the Wildlife and Countryside Act 1981 (as amended)
PBA	Protection of Badgers Act 1992
EPS	European Protected Species
NERC_s41	Section 41 of the Natural Environment and Rural Communities Act 2006
NI	National Interest
CR	County Rare
CS	County Scarce
CI	County Interest
nHR	North Hampshire Rare (VC12)
sHR	South Hampshire Rare (VC11)
nHS	North Hampshire Scarce (VC12)
sHS	South Hampshire Scarce (VC11)

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**APPENDIX III.II: Current Use Analysis: Important Site for Waders and Brent
Geese (Map 15)**

APPENDIX III.II:
 Map 15, Current Use Analysis: Important Site for Waders and Brent Geese
 Extract from Solent Waders and Brent Goose Strategy 2010



Maps produced by Hampshire and Isle of Wight Wildlife Trust
 on behalf of the Waders and Brent Goose Strategy Group,
 (Ordnance Survey licence no. 100015632) with permission of
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**APPENDIX III.III: Eelgrass Map, Extract from Hampshire Wildlife Trust
Surveys, February 2010**

APPENDIX III.IV: SINC Report vegetation survey, September 2002

Survey Summary

Yachthaven Meadow 30/09/2002

Site Details

Grid Reference :	SU72780180	File Reference :	70-0074
Total Area :	1.2 ha		
District :	Havant		
Vice-County :	11, South Hampshire		

Survey Details

Survey Type :	Phase II
Survey Date :	30/09/2002
Survey Time on Site :	2 (hrs)
Data Owned By :	Hampshire Biodiversity Information Centre Partnership
Data Recorded By :	Ian Ralphs, HBIC

Site Summary

A small and abandoned unimproved coastal meadow containing significant structural diversity and retaining elements of both Salt-marsh and neutral meadow vegetation, including 4 species of old unimproved meadow indicators., situated on the eastern shore of Hayling Island.

Site Designations

Designation

Private owner

Site of Importance for Nature Conservation

Site Features

<u>Type</u>	<u>Description</u>
Geology	Alluvium
Geology	Valley Gravel & Brickearth
Management	Grazing By Rabbits
Management	Unmanaged

BAP Habitats

Not determined at time of survey

BAP/Notable Species

None recorded

Survey Details

Yachthaven Meadow 30/09/2002

Habitats Recorded

National Vegetation Classifications

W21, Crataegus monogyna-Hedera helix scrub
MG1, Arrhenatherum elatius grassland
MG5, Cynosurus cristatus-Centaurea nigra grassland
SM16, Festuca rubra saltmarsh
SM24, Elymus pycnanthus saltmarsh

Area

0.45 ha

Phase 1 Habitat Classifications

A2, Scrub
B21, Neutral grassland: unimproved
H2, Saltmarsh
C3, Other tall herb and fern

Area

0.45 ha

0.3 ha

0.3 ha

0.15 ha

Species Recorded

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Notable</u>
<i>Achillea millefolium</i>	Yarrow	O	
<i>Agrostis canina</i>	Velvet Bent	R	
<i>Agrostis capillaris</i>	Common Bent	R/O	
<i>Agrostis stolonifera</i>	Creeping Bent	FLA	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	R/O	
<i>Arrhenatherum elatius</i>	False Oat-Grass	OLA	
<i>Artemisia vulgaris</i>	Mugwort	R/O	
<i>Atriplex portulacoides</i>	Sea Purslane	R	
<i>Atriplex prostrata</i>	Spear-Leaved Orache	R/O	
<i>Carex flacca</i>	Glaucous Sedge	R/O	
<i>Carex otrubae</i>	True Fox-Sedge	R	
* <i>Carex pendula</i>	Pendulus Sedge	R	
<i>Centaurea nigra</i>	Common Knapweed	OLA	
<i>Centaureum erythraea</i>	Common Centaury	O	
<i>Cerastium fontanum</i>	Common Mouse-Ear	R	
<i>Cirsium arvense</i>	Creeping Thistle	O/F	
<i>Cirsium vulgare</i>	Spear Thistle	R	
<i>Dactylis glomerata</i>	Cock's-Foot	R	
<i>Daucus carota</i>	Wild Carrot	O	
<i>Deschampsia caespitosa</i>	Tufted Hair-Grass	O	
<i>Elytrigia atherica</i>	Sea Couch	OLA	
<i>Epilobium hirsutum</i>	Great Willowherb	R/O	
<i>Festuca arundinacea</i>	Tall Fescue	OLF	
<i>Festuca rubra</i>	Red Fescue	R	
# <i>Genista tinctoria</i>	Dyer's Greenweed	R/O	
<i>Holcus lanatus</i>	Yorkshire-Fog	F/A	
<i>Hypericum perforatum</i>	Perforate St John's-wort	O	
<i>Juncus conglomeratus</i>	Compact Rush	O	
<i>Juncus effusus</i>	Soft Rush	O	
<i>Juncus gerardii</i>	Saltmarsh Rush	OLA	
<i>Juncus inflexus</i>	Hard Rush	R	
<i>Leontodon hispidus</i>	Rough Hawkbit	R	
<i>Leucanthemum vulgare</i>	Oxeye Daisy	R	

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Notable</u>
<i>Lotus corniculatus</i>	Common Bird's-Foot-Trefoil	O	
<i>Lotus pedunculatus</i>	Large Bird's-Foot-Trefoil	R	
<i>Odontites vernus</i>	Red Bartsia	O	
# <i>Oenanthe pimpinelloides</i>	Corky-Fruited Water-Dropwort	R/O	
<i>Persicaria hydropiper</i>	Water-Pepper	R	
<i>Plantago lanceolata</i>	Ribwort Plantain	O	
<i>Plantago maritima</i>	Sea Plantain	OLF	
<i>Potentilla reptans</i>	Creeping Cinquefoil	OLF	
<i>Prunella vulgaris</i>	Selfheal	O	
<i>Prunus spinosa</i>	Blackthorn	OLF	
<i>Puccinellia maritima</i>	Common Saltmarsh-Grass	R/O	
<i>Pulicaria dysenterica</i>	Common Fleabane	OLA	
<i>Ranunculus repens</i>	Creeping Buttercup	R/O	
<i>Rubus fruticosus</i> agg.	Bramble	FLD	
<i>Rumex crispus</i>	Curled Dock	O	
<i>Rumex obtusifolius</i>	Broad-Leaved Dock	R	
<i>Salix cinerea</i>	Grey Willow	R	
# <i>Senecio erucifolius</i>	Hoary Ragwort	O	
<i>Senecio jacobaea</i>	Common Ragwort	R	
# <i>Silaum silaus</i>	Pepper-Saxifrage	OLF	
<i>Solanum dulcamara</i>	Bittersweet	R	
<i>Suaeda maritima</i>	Annual Sea-Blite	R	
<i>Taraxacum officinale</i> agg.	Dandelion	R	
<i>Trifolium pratense</i>	Red Clover	R	
<i>Trifolium repens</i>	White Clover	R	
<i>Triglochin maritimum</i>	Sea Arrowgrass	R	
<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Present</u>	<u>Notable</u>
<i>Colias croceus</i>	Clouded Yellow	P	
<i>Cynthia cardui</i>	Painted Lady	P	
<i>Lacerta vivipara</i>	Viviparous Lizard	P	
<i>Lycaena phlaeas</i>	Small Copper	P	
<i>Polyommatus icarus</i>	Common Blue	P	

Species Summary

Total no. of species :	64
No. of woodland species :	24
* No. of AWVP indicators :	1
# No. of acid/neutral grassland indicators :	4

Notes

Habitat Classifications :

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

NVC: A system of classifying natural habitat communities according to species associations

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

Peterken: A stand type classification that describes woodlands by tree species

Indicators Species :

- * 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 seldom occur outside of unimproved acid/neutral grasslands or are indicative of a long period of uninterrupted grassland management
- ~ Chalk grassland indicators - species characteristic of unimproved chalk downland or have a strong affinity to calcareous soil

Species Abundance:

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

Frequencies within brackets () indicate non-native occurrences

Habitat and Species designations and statuses:

Habitat designations/categories and species legislation/statuses are correct at the time the report was generated and may not necessarily reflect those applicable either at the time of survey or later than the generated date.

Yachthaven Meadow.

General description and management.

A small and abandoned unimproved coastal meadow, situated on the eastern shore of Hayling Island.

The site is unmanaged and there has been some old landfill on its eastern edge associated with reclamation of land around the main Yachthaven site.

The meadow still exhibits significant structural diversity and retains elements of both Salt-marsh and neutral meadow vegetation, including 4 species of old unimproved meadow indicators.

Communities.

(1). [W21]: *Crataegus monogyna* – *Hedera helix* scrub.

Structurally diverse scrub. Good cover for birds.

(2). [MG5]: *Centaurea nigra* – *Cynosurus cristatus* grassland.

Rabbit grazed only. Still quite herb rich and flowery.

(3) [MG1]: *Arrhenatherum elatius* grassland.

Rank and False Oat-grass dominated.

(4). [SM24]: *Elytrigia atherica* salt-marsh.

Valley bottom largely dominated by Sea Couch.

(5). [SM16]: *Festuca rubra* salt-marsh.

Small strip of salt-marsh vegetation.

(6). Transitional sward.

Often rather ruderal herb dominated with Bramble patches locally. Old landfill edge.

(7). Hard standings.

Associated with the works site proper.

