

**David Leach Ecology Ltd
Environmental Consultants**

**Yacht Haven House
Copse Lane
Hayling Island
Hampshire**

Phase 1 Bat Report

February 2017

Report compiled by D. V. Leach. M.C.I.E.E.M.

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1.0 Executive Summary

- This survey was commissioned to look for bats to support a planning application to demolish the existing dwelling and construct a new dwelling on approximately the same footprint.
- The building has been derelict for a number of years and the roof tiles of the property had been removed resulting in the ceilings and floors collapsing.
- The building was too dangerous to enter but it could be seen that there were no enclosed roof voids or areas which were likely to support roosting bats.
- The building has insignificant potential for bats due to a lack of potential roosting features.
- The area to the north of the site and along the track leading to the house was short vegetation or hard-standing and unsuitable for reptiles but trees and scrub had potential as bird nesting habitat.
- The habitat within the proposed construction zone is sub-optimal for reptiles.
- The area to the south of the site was overgrown scrub for approximately 75m. The scrub area gradually lessened and the 40m leading to the boundary was mainly short coarse grass with some ruderals.
- There were no signs of bats or protected species on site and it is unlikely the proposed works will significantly affect any protected species.
- There are a number of designated and important habitats in the area but it is not thought that the proposed works will have a significant impact on any of the sites.
- Measures to enhance the site for wildlife will be incorporated into the development. These will include enhancement features such as planting of wildlife friendly species and installing bat and bird boxes on the new building and around the site.

2.0 Introduction.

Client: James Walters

Property Surveyed: Yacht Haven House
Cope Lane
Hayling Island
Hampshire
PO11 0RH

Grid reference: SU 72977 01922

Dates of Survey: 25th January 2017

Lead Surveyor: David Leach BSc. (Hon), CBiol., M.R.S.B., M.C.I.E.E.M.
(Natural England WML CL18 registered bat worker).

2.1 Aims of the Survey.

- A planning application is being submitted to demolish a derelict house and build a new residential dwelling on approximately the same footprint.
- David Leach Ecology Ltd was commissioned by the developer to undertake a bat survey to determine if bats would be affected by the proposed works and to produce a mitigation plan if any bats would be affected.
- Evidence of other protected species which may be affected was also looked for.

2.2 Site description.

- The site lies near the center of Hayling Island, 8km east of Portsmouth.
- The property comprised of a derelict detached house with separate garage set on a large plot which runs down to an estuary which forms part of Chichester Harbour.
- There are a few residential and agricultural buildings and a caravan park within 500m of the site properties nearby.
- The area in general has a variety of habitats including estuarine and marine water bodies, sparse copses, scrub, salt marsh, mudflats and open pasture.

3.0 Methodology

3.1 Desk Study

Records held by Hampshire Biological Records Centre were accessed to determine whether there were any protected species, nature reserves or protected areas local to the site that would be affected by the proposed works.

3.2 Site Survey

The external and internal areas of any building or structure on site were inspected following guidelines set out in the BCT Bat Surveys for Professional Ecologists Good Practice Guidelines 3rd edn. Collins. J (2016) and the JNCC Bat Workers' Manual (Mitchell-Jones A. J). The presence of bats or signs of bats and possible entry points into buildings was looked for.

External signs of bats or potential use by bats were looked for. These included:-

- Bat droppings on walls, floors, window cills and in covered areas such as porches.
- Gaps in the woodwork of the eaves, soffits, fascias etc. and behind barge boards.
- Gaps in the brickwork and between door and window frames.
- Gaps around lead flashing and loose, slipped or missing hanging and roof tiles.
- Urine stains or grease marks around any gaps mentioned above.

All accessible areas of any internal space were carefully inspected for bats (live or dead) or signs of bats such as droppings, urine stains, signs of feeding such as moth wings, etc. Cobwebs which indicate no or infrequent use by bats were also looked for. Equipment available included 3.8m telescopic ladder, Leica 8x42 binoculars, digital camera, head torch and Clulite CB2 high powered torches, See snake inspection camera.

The bat roosting potential of buildings was assessed according to the scale negligible, low, moderate or high:

Negligible: This category describes buildings of a simple structure where all structural features can easily be surveyed with a visual inspection or investigated with an endoscope. For example a simple wooden garden shed, a corrugated iron barn or precast concrete modular garage may fit this category.

Low: This category is used to describe simple structure buildings that have very few potential bat roosting features but all areas cannot be surveyed visually or investigated with an endoscope.

Moderate: This category is used to describe buildings that have some potential to support roosting bats, but is considered to be less than ideal in some way. Some but not all modern industrial and agricultural buildings may fit this category if they are of a simple structure with single layer walls and unlined roof areas.

High: This category is used to describe buildings with multiple internal and external structural features suitable for roosting bats. Most brick built dwelling houses and timber or stone barns will be covered by this category. Features that may be used by bats are e.g. loft spaces and other smaller roof voids, gaps between overlapping clay tiles, gaps in-between the tiles or slates and the roofing felt, cavities under ridge tiles, under soffits fascia and barge boards, by the brickwork of chimney stacks, under lead flashing, inside cavities of flat roofs, under wall hanging tiles, behind wooden cladding or other wooden structures, inside cavity walls or other smaller wall cavities, in gaps and cracks of stone walls and inside wooden beam mortise and tenon joints.

Confirmed: This category is used where evidence of bats such as live or dead bats or bat droppings are present, or where there are records of a bat roost in the building within the last 5 years.

Indicative methods for other protected species are outlined below following recognized guidelines: Chartered Institute of Ecology and Environmental Management (CIEEM), Amphibian and Reptile Conservation (ARC), Bat Conservation Trust (BCT) and Joint Nature Conservation Committee (JNCC).

A full vegetation survey to National Vegetation Classification (NVC) methodology has not been undertaken at this stage as the construction zone will only impact the existing area of buildings and hard-standing/garden.

Badgers.

Any area that could be used for foraging or could potentially contain a Badger sett was surveyed and any signs noted including:

- Evidence of active or disused setts
- Evidence of potential badger diggings
- Latrines / dung pits
- Evidence of badger foraging ('snuffle holes')
- Footprints
- Badger hairs

Birds.

Any habitat features, for example, scrub, trees and hedgerows which could potentially be used by nesting birds, were surveyed and any nesting activity was noted. The habitat was also assessed regarding its potential for bird activity.

Great Crested Newts.

Ponds within the vicinity of the site were noted and the potential of the land to act as a commuting route, shelter or foraging resource for great crested newts (*Triturus cristatus*) was assessed.

Reptiles.

Habitat features that could be suitable as hibernacula, foraging or basking areas were noted. Extant refugia were lifted and examined for evidence of reptiles, including sloughs (shed skins).

Otters and Water Voles.

Any riparian habitat present on-site or immediately adjacent to the site was searched for signs of otters and water voles. Signs included:

- Otter spraints or sign heaps
- Water vole latrines and feeding stations
- Evidence of potential holts or burrows
- Footprints

Dormice.

The suitability of the habitat was assessed for dormice. Any small mammal feeding signs were checked and assessed, including:

- Examination of hazel nuts
- Evidence of nest building

The survey was carried out by David Leach an experienced ecological surveyor who is a Natural England WML CL18 registered bat worker, a full member of the Chartered Institute of Ecology and Environmental Management and a Chartered Biologist. David Leach is a Registered Consultant under the new Low Impact Bat Class Licence.

4.0 Results.

4.1 Desk Study (See appendix D)

4.1.1 Statutory and non-statutory sites.

- There are a number of statutory sites within 1km of the site which includes Chichester Harbour Site of Special Scientific Interest (SSSI) and Area of Outstanding Natural Beauty (AONB), Chichester and Langstone Harbours Special Protection Area (SPA) & RAMSAR sites and Solent Maritime Special Area of Conservation (SAC)
- There are eleven non-statutory sites within the search area the nearest being Fields & Saltmarsh South of Copse Lane - Sites of Importance for Nature Conservation (SINC) which is 100m to the west.

4.1.2 Habitats

- There are no priority habitats on the site but there are intertidal mud flats 10m beyond the south perimeter of the site.
- Broad habitats near the site are a small area of broadleaved and mixed woodland adjacent to the south-east of the site and improved grassland to the north and west of the site.

4.1.3 Protected Species

- There are two records for amphibians and reptiles, both for common lizards, within 1km of the site but no records within 100m.
- There were ten records for bats within 1km of the site. The nearest record was in 2004 from a site 350m to the south west.
- There are no records of other mammals within 1km of the site.
- There are two Solent Wader and Brent Goose Strategy sites within 500m of the site which are classified as “uncertain” i.e. *Sites that fell below the minimum confidence threshold, meaning that sites need further survey work to inform their assessment.*

During the 2010 survey an average of 30 Brent Geese and no waders were counted on the two sites. The relatively low numbers of geese are likely to be using the fields for feeding at high tide when the mud flats and eel grass (*Zostera* spp.), and sea weeds they feed on are underwater and unavailable.

4.2 Site Survey

Weather for initial survey: Cloudy and damp at 11:30

The external temperature was 8°C

4.2.1 Habitats.

- The detached house and separate garage were situated at the north of a large plot which extended south to Chichester Harbour.
- The habitat at the north of the site and along the track leading to the house was short vegetation or hard-standing with native hedging and a few mature oak trees. The area to the south of the house was overgrown scrub for approximately 75m. Species noted included bramble (*Rubus fruticosus*), nettle (*Urtica dioica*), wild teasel (*Dipsacus fullonum*), common reed (*Phragmites australis*), gorse (*Ulex europaeus*), willowherb (*Epilobium spp.*), sedges (*Carex spp.*), willow (*Salix spp.*), hard rush (*Juncus inflexus*), ivy (*Hedera*), stinking iris (*Iris foetidissima*) and rumex *spp.* The scrub gradually lessened and the 40m leading to the boundary was mainly short coarse grass with some ruderals such as teasel. The grass which comprised of common and widespread species had been heavily grazed by rabbits. Some of the scrub near the house had been cleared and the remaining site was gradually being cleared of scrub and ruderals to return the plot back to grass.
- At the south of the site beyond the wooden perimeter fence there was a wide strip of gravel, stones, bricks and rubble leading down to the water's edge.
- There were no signs of invasive plants such as Japanese knotweed (*Fallopia japonica*), giant hogweed (*Heracleum mantegazzianum*), or Himalayan balsam (*Impatiens glandulifera*).

4.2.2 Buildings

- The detached house had brick walls and large areas of plastic cladding. There were two areas of flat roof one of which was felted.
- The house had been derelict for a number of years and at some point the roof tiles had been removed exposing the interior to the elements resulting in the ceilings and floor collapsing. The top of the walls and the plastic cladding were also exposed allowing water to run down into the wall cavities and behind the cladding.
- Due to the dangerous state of the building an internal inspection was not possible but it was clear when viewing the interior from the outside that there was considerable water and weather damage.

- No signs of bats or nesting birds were found in the house.

4.2.3 Protected Species.

Bats.

- The area in general provided moderate foraging and commuting habitat.
- No bats or signs of bats were found in the house and it is unlikely there are any suitable roosting habitats for bats due to the damaged and exposed condition of the house.
- No signs of bats were found in the separate concrete garage.
- No potential roosting features were noted in the trees on site.

Birds

- The hedgerows and trees at the perimeters of the site and thick scrub within the site boundaries offer potential nesting habitat for a range of woodland and garden bird species.

Reptiles.

- The site has sub-optimal habitat for reptiles.

Badgers

- No badger setts were found on site. There was suitable foraging habitat on site but no sign of badger activity was found.

Great crested newts

- A search of map found no ponds within 500m of the application site. As such, the site offers limited potential for great crested newts (*Triturus cristatus*).

Otters and water voles

- No suitable habitat on or adjacent to the site.

Dormice

- The site offers very limited potential for dormouse (*Muscardinus avellanarius*) due to the lack of suitable understorey and potential food resources. No hazel (*Corylus avellana*), or honeysuckle (*Lonicera sp.*) were present within the site boundaries.

5.0 Conclusions.

5.1 Site assessment.

- The site and surrounding area provides moderate roosting, foraging and commuting habitats for bats.
- No signs of bats were found in the house or in the garage which have insignificant potential for bats due to a lack of potential roosting features.
- The habitat within the proposed construction zone is sub-optimal for reptiles.
- No signs of nesting birds were found within the building or on site but there is suitable habitat on and within the site boundaries for nesting birds. The potential for nesting birds should be considered when any clearance of hedging, shrubs or trees is carried out.
- No signs of protected species were found on site.
- Removal of the scrub around the site is being carried out which will allow the grass and plants to regenerate to the habitat that was present when the house was originally occupied and before it became overgrown due to a lack of maintenance.
- The site is close to a number of designated sites and within 500m of fields which have been used by Brent Geese in the past. However the proposed development is small scale (demolishing one derelict building and replacing it with a new dwelling on approximately the same footprint) and is unlikely to cause significant disturbance to wintering geese and waders.
- The proposed works are unlikely to have a significant effect on any other protected species.
- The proposed development will not encroach on the shore area at the south of the site.
- The proposed works will not have a significant effect on any designated or important sites or habitats in the area.

5.2 Limitations of the survey.

- Bats such as crevice dwelling bats are often difficult to detect and external signs of bats can be washed away by wind and rain and so are not present. In addition bats often move between roosts during and between seasons and so numbers can fluctuate during the year.
- A survey of this type only provides a snapshot of what was found at the time of the survey and it is sometimes necessary to carry out a number of activity surveys to show the presence or absence of bats. The absence of protected species on the day does not mean there may not be protected species on the site in the future.

- If any bats or other protected species or signs of protected species are found during construction, work must stop and David Leach or Natural England contacted who will advise on how to proceed.
- The survey was undertaken in January when many plants are dormant and would not be seen this time of year.
- The survey should be considered valid for 12 months from the date of this report.

5.3 Legislation.

5.3.1 Under the Wildlife and Countryside Act 1981 (as amended), the Countryside and Rights of Way (CroW) Act 2000 and under EU law by the Conservation of Habitats and Species Regulations 2010 (commonly referred to as the Habitats Regulations) all bats have legal protection. In addition any structure which shows signs of use by bats either currently or in the past, for shelter or protection, is classed as a bat roost and both the roost and any bats using it are protected by law which makes it an offence to:

- Intentionally or recklessly kill or injure or take any bat.
- Intentionally or recklessly damage or destroy any bat roost and to obstruct access to that roost.
- Intentionally or recklessly to disturb any bat using a structure as a roost.

Protection is also afforded to bats under the Conservation (Natural Habitats & c.) Regulations 1994 (the Habitats Regulations) Amended 2007

Annex IV lists all bats

Regulation 39 makes it an offence to:

- Deliberately kill or capture a bat.
- Deliberately disturb a bat.
- Damage or destroy a resting place or breeding site of any bat.

5.3.2 Where a development is proposed within the vicinity (usually 4km) of a Special Area of Conservation (SAC) that has been designated for bats, the developer has an obligation to assess the potential impact of the development on the SAC. Should unacceptable detrimental impacts on the SAC that cannot be offset by appropriate mitigation be likely then it is conceivable that planning permission may not be granted.

5.3.3 Where works will affect a bat roost, a European Protected Species licence is likely to be required in order to undertake any works lawfully. In order to inform the licence

application, detailed surveys would need to establish the species, type and size of roost to ensure appropriate mitigation measures. Licence applications will only be considered when accompanied by full planning permission.

5.3.4 In determining whether or not to grant a licence Natural England must apply the requirements of Regulation 535 of the Regulations and, in particular, the three tests set out in sub-paragraphs (2)(e), (9)(a) and (9)(b).

1) Regulation 53(2) (e) states: a licence can be granted for the purposes of “preserving public health or public safety or other imperative reasons of overriding public including those of a social or economic nature and beneficial consequences of primary importance for the environment”.

2) Regulation 53(9) (a) states: the appropriate authority shall not grant a licence unless they are satisfied “that there is no satisfactory alternative”.

3) Regulation 53(9) (b) states: the appropriate authority shall not grant a licence unless they are satisfied “that the action authorised will not be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in their natural range.”

5.3.5 The Wildlife and Countryside Act 1981 (as amended) also protects all reptiles from killing, injury and sale.

5.3.6 The Wildlife and Countryside Act 1981 (as amended) makes it an offence to damage or destroy the nests of birds of breeding birds (with the exception of certain pest species). The bird nesting season is generally defined as being mid-February to August inclusive although nesting outside of the period is not unusual if conditions are favorable.

5.4 Recommendations.

5.4.1 Bats.

- Extra care will be taken to ensure that external lights are kept to a minimum and will not illuminate potential bat flight paths to nearby trees. Lights will be aimed to illuminate only the immediate area required by using as sharp a downward angle as possible. A shield/hood will be used to control or restrict the area to be lit and limit “light spillage” on the site.

5.4.2 Birds.

- Birds' nests, when occupied or being built, receive legal protection under the Wildlife and Countryside Act 1981 (as amended). It is highly advisable to undertake clearance of potential bird nesting habitat (such as hedges, scrub, trees, suitable outbuildings etc.) outside the bird nesting season, which is generally seen as extending from March to the end of August, although may extend longer depending on local conditions. If there is absolutely no alternative to doing the work in during this period then a thorough, careful and quiet examination of the affected area must be carried out by a qualified ecologist before clearance starts. If occupied nests are present then work must stop in that area, a suitable (approximately 5m) stand-off maintained, and clearance can only recommence once the nest becomes unoccupied of its own accord.

5.4.3 Habitats

- Any construction work which will impact the habitats at the south of the site and the foreshore in the future must be preceded by a new survey to include a detailed vegetation survey and production of a mitigation plan if necessary.
- A root protection zone should be created around the trees and hedges around the site.

6.0 Enhancement

Section 40 of the Natural Environment and Rural Communities Act 2006 and paragraph 118 of the National Planning Policy Framework states that *'Every public authority must, in exercising its functions, have regard, so far as is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity'*. Section 40(3) of the same Act also states that *'conserving biodiversity includes, in relation to a living organism or type of habitat, restoring or enhancing a population or habitat'*.

In accordance with the above measures will be implemented to enhance the biodiversity and will include:

6.1 Bats

- Installing 1FR Schweglar bat tube or Fortecrete bat box on the walls of the new house as high as possible but at a minimum of 3m (see Appendix E).
- Extra care will be taken to ensure that external lights are kept to a minimum and will not illuminate the bat access points or flight paths used by foraging or commuting bats. The

light will be aimed to illuminate only the immediate area required by using as sharp a downward angle as possible. A shield or hood will be used to control or restrict the area to be lit and limit “light spillage” on the site.

6.2 Birds

- Features for birds should be installed on the new buildings and trees around the site such as fitting No. 11 Schwegler House Martin Terrace under the eaves of the north facing wall of the new house and 1SP Schwegler Sparrow Terrace under the eaves of the north facing wall of the house or garage (see Appendix E).

6.3 Soft Landscaping

- Native or wildlife friendly species will be used for landscaping (see Appendix F).
- Trees planted on site will be native or wildlife friendly species (see Appendix F).

Once detailed plans are available an ecologist should be contracted to produce a site enhancement plan detailing the type and location of enhancement features.

Appendices

Appendix A. References

- **ARG UK 2010.** ARG UK Advice Note 5: Great Crested Newt Habitat Suitability Index. Amphibian and Reptile Groups of the United Kingdom.
- **English Nature 2001.** *Great Crested Newt Mitigation Guidelines*. Natural England, Peterborough.
- **English Nature 2004.** *Bat Mitigation Guidelines*
- **Collins, J. (Ed.) 2016.** *Bat Surveys for Professional Ecologists - Good Practice Guidelines: 3rd edition*. Bat Conservation Trust, London, United Kingdom.
- **IEEM 1995.** Institute of Environmental Assessment: Guidelines for Baseline Ecological Assessment. E & FN Spon, London.
- **IEEM 2006.** Guidelines for Ecological Impact Assessment in the United Kingdom (version 7 July 2006), Institute of Ecology and Environmental Management [online]. Available: <http://www.ieem.org.uk/ecia/index.html> [accessed February 2011]
- **JNCC 2004.** *Common Standards Monitoring Guidance for Mammals*. Joint Nature Conservation Committee, Peterborough.
- **JNCC 2007.** *Handbook for Phase 1 habitat survey: A technique for environmental audit*. Joint Nature Conservation Committee, Peterborough.
- **Mitchell-Jones A. J. & McLeish, 2004.** *Bat Workers' Manual*. Joint Nature Conservation Committee, Peterborough.
- **Natural England and Countryside Council for Wales, 2007.** *Disturbance and protected species: understanding and applying the law in England and Wales. - A view from Natural England and the Countryside Council for Wales*. United Kingdom.
- <http://magic.defra.gov.uk/website/magic/>
- <http://data.nbn.org.uk/>

Appendix B. Photographs

Plate 1. View of the north east corner of the building.



Plate 2. View of the south east of the building.



Plate 3. View of the south of the building.



Plate 4. View of the west of the building.



Plate 5. View of the interior of the building.



Plate 6. View of the interior of the building.



Plate 7. View of the interior of the building.



Plate 8. View of the interior of the building.



Plate 9. View of the exposed roof timbers and top of the wall.



Plate 10. Interior of the garage.



Plate 11. View along the track leading to the house looking west.



Plate 12. View over the area to the north of the house



Plate 13. View of the scrub at the south east of the building.



Plate 14. View over the rear of the plot looking south.



Plate 15. View of the rear of the plot from the south perimeter looking back towards the house.



Plate 16. View over the habitat at the south of the plot looking towards the site perimeter.



Plate 17. View of the south perimeter and foreshore.



Plate 17. View of the foreshore looking south east.



Appendix C) Survey area.

C1 Aerial image of the site location. 



C2. Aerial image of the site

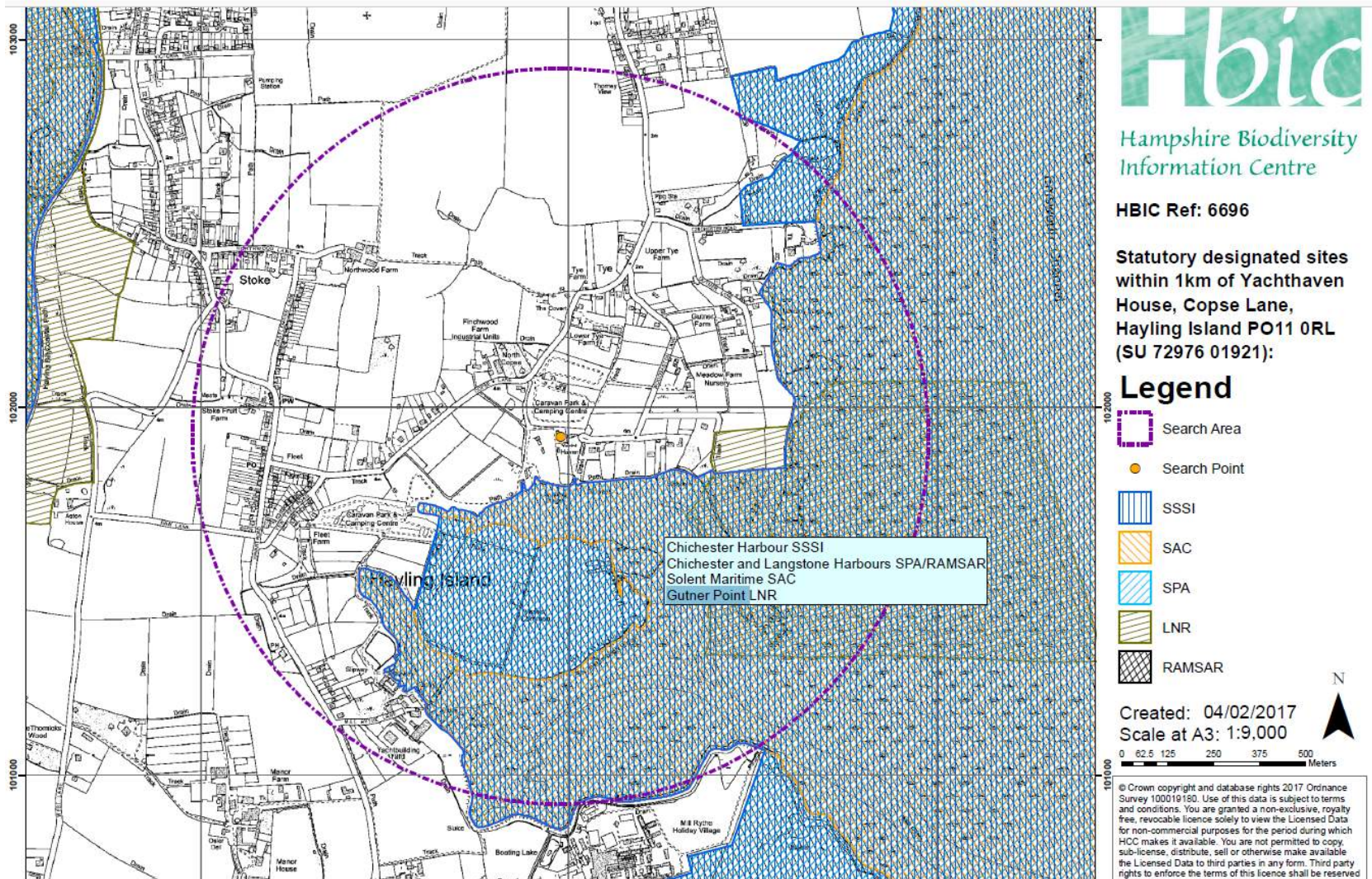


C3. Aerial Image of the house showing exposed roof rafters.

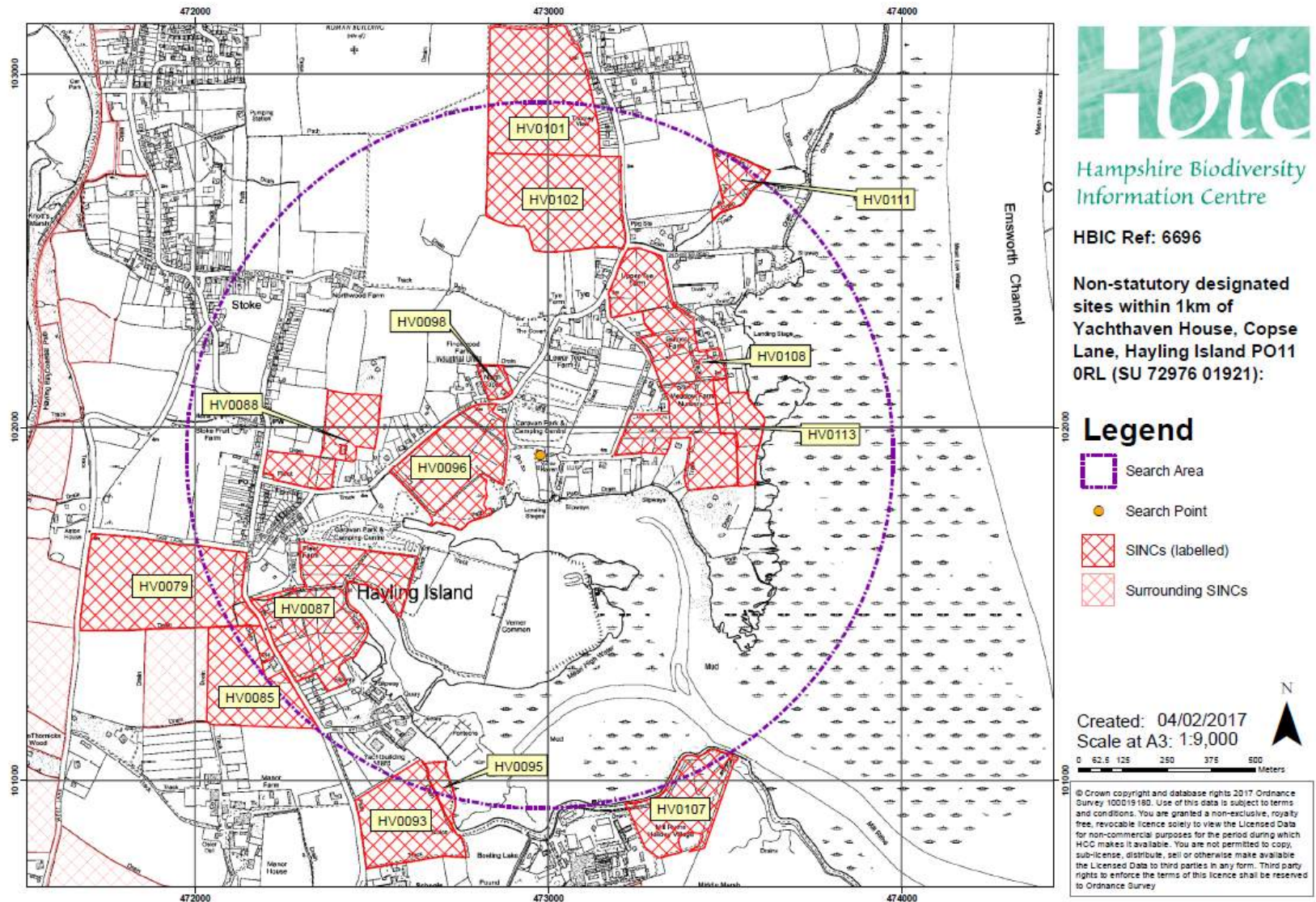


Appendix D) Results of Data Search

i) Statutory Designated Sites.



ii) Non -Statutory Designated Sites.



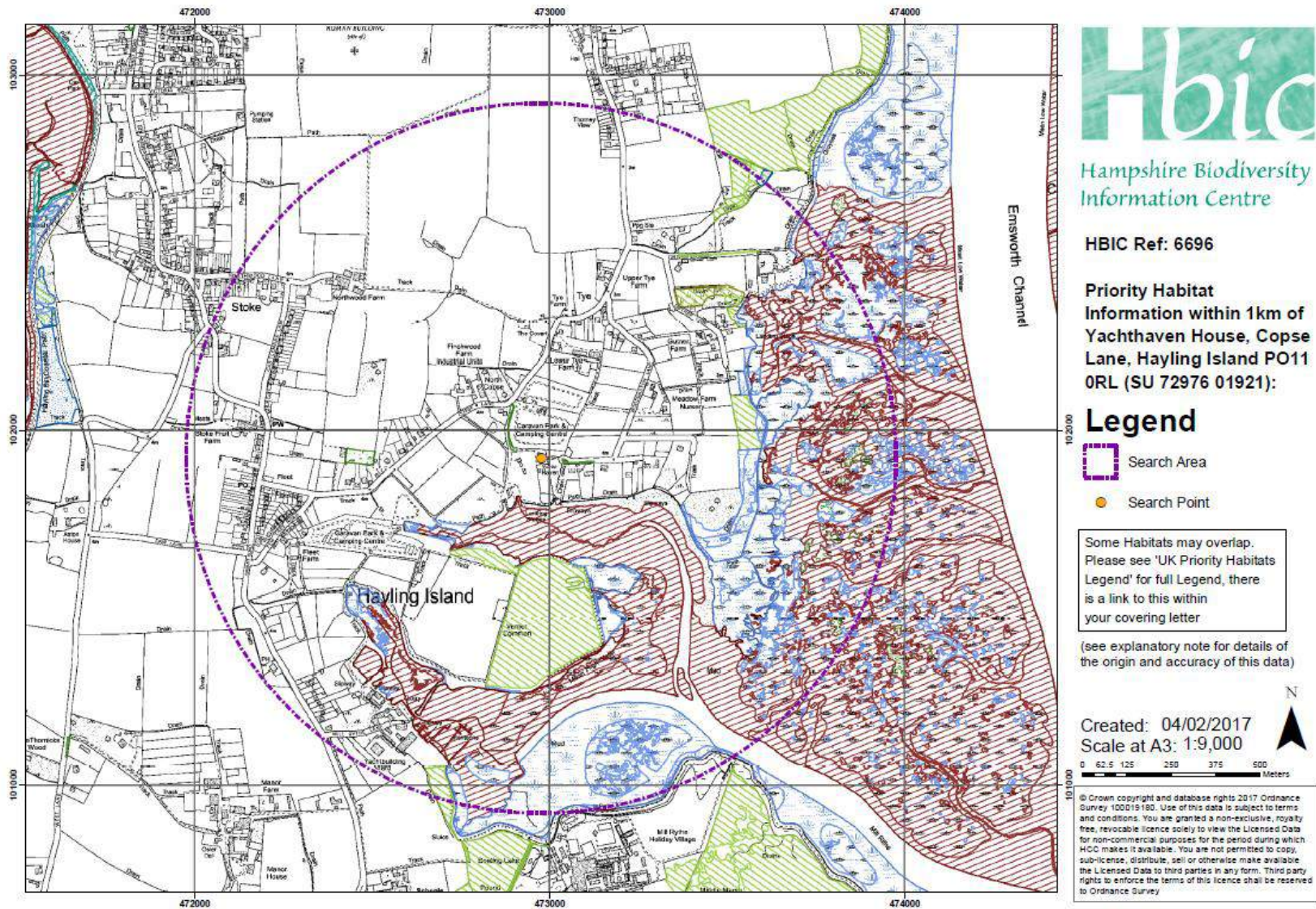
iii) **Details of Sites of Importance for Nature Conservation (SINCs) within the search area above:**

Please see [Criteria for SINCs in Hampshire](#) for more information on Sites of Importance for Nature Conservation in Hampshire.

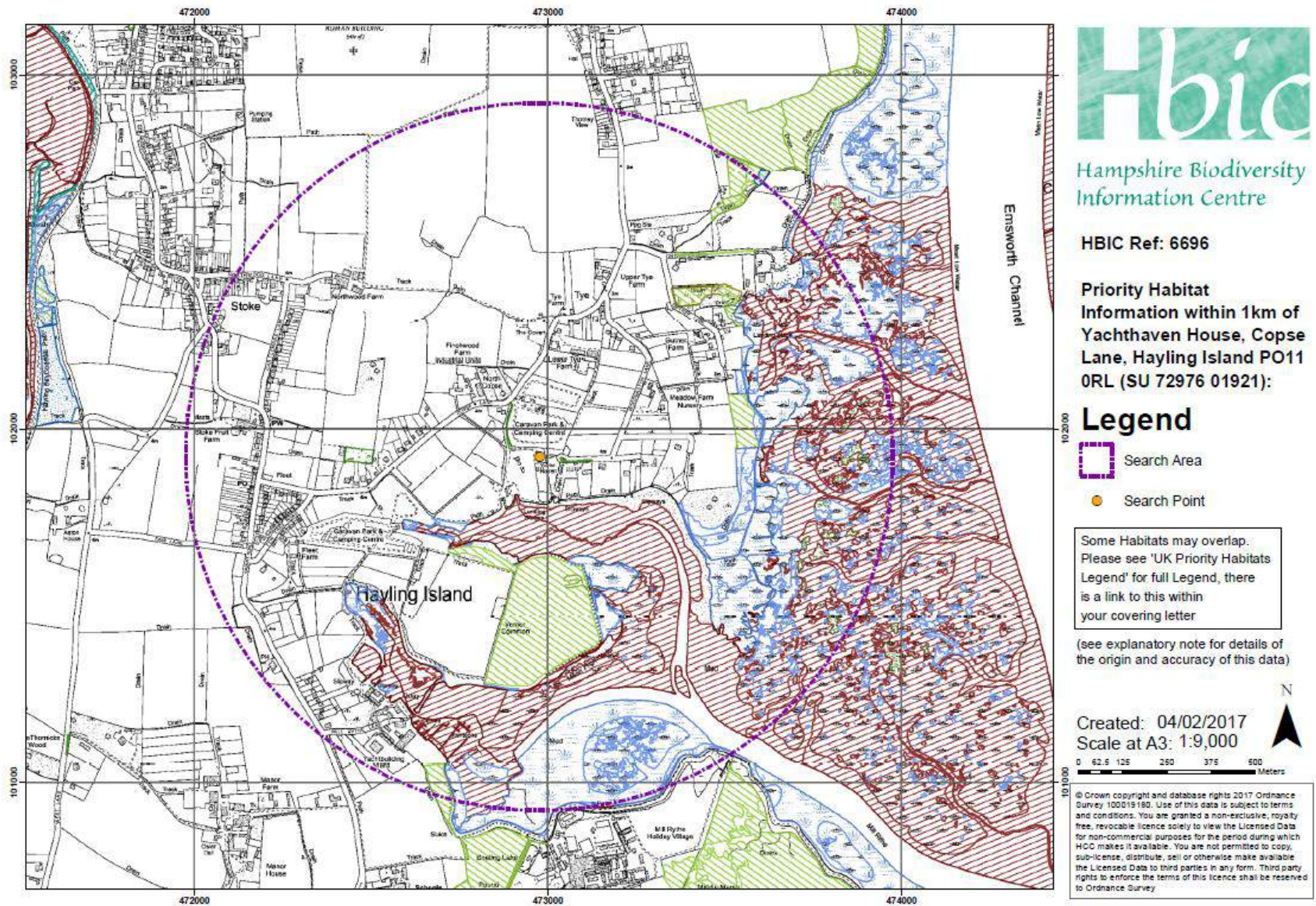
Status	SINC Ref	SINC Name	Central Grid Ref.	SINC Criteria	Species supported that meet Section 6 of SINC Selection Criteria	Area (ha)
SINC	HV0079	South of Daw Lane A	SU71900150	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	11.24
SINC	HV0085	South of Daw Lane D	SU72100130	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	6.18
SINC	HV0087	Verner Common West	SU72350145	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	9.91
SINC	HV0088	West of North Hayling V	SU72400190	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	4.25
SINC	HV0093	Pound Marsh B	SU72590089	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	5.96
SINC	HV0095	Mill Rythe Lane Saltmarsh	SU72700100	4A/6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	0.76
SINC	HV0096	Fields & Saltmarsh South of Copse Lane	SU72730188	4A/6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	7.19
SINC	HV0098	North Copse, Havant	SU72840213	1A		0.69
SINC	HV0101	West of North Hayling G	SU72980293	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	10.17
SINC	HV0102	West of North Hayling P	SU73000263	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	9.42

Status	SINC Ref	SINC Name	Central Grid Ref.	SINC Criteria	Species supported that meet Section 6 of SINC Selection Criteria	Area (ha)
SINC	HV0107	Mill Rythe Holiday Village	SU73400090	4A/6A/6B	Branta bernicla subsp. bernicla (Dark-Bellied Brent Goose) [s41] Ononis spinosa (Spiny Restharrow) [CS]	5.06
SINC	HV0108	Gutner Farm	SU73430206	6B	Branta bernicla bernicla (Dark-Bellied Brent Goose) [UKBAP]	11.72
SINC	HV0111	Chichester Road Meadow	SU73500270	2A/4A/6A	Carex divisa (Divided Sedge) [s41] Samolus valerandi (Brookweed) [CS]	1.64
SINC	HV0113	Gutner Lane Meadow	SU73600200	4A/6A/6B	Branta bernicla subsp. bernicla (Dark-Bellied Brent Goose) [s41] Bupleurum tenuissimum (Slender Hair's Ear) [s41] Carex divisa (Divided Sedge) [s41] Inula crithmoides (Golden-Samphire) [NS] Oenanthe lachenalii (Parsley Water-Dropwort) [CS] Seriphidi	2.32

iv) Priority Habitats.



v) Broad Habitats.



vi) Key for habitats.

Hampshire Biodiversity Information Centre

Legend for UK Broad and Priority Habitats

Broad Habitats

	Acid grassland
	Arable and horticulture
	Bog
	Boundary and linear features
	Bracken
	Broadleaved, mixed, and yew woodland
	Built-up areas and gardens
	Calcareous grassland
	Coniferous woodland
	Dwarf shrub heath
	Fen, marsh and swamp
	Improved grassland
	Inland rock
	Inshore sublittoral rock
	Inshore sublittoral sediment
	Littoral Rock
	Littoral Sediment
	Neutral grassland
	Rivers and streams
	Standing open water and canals
	Supralittoral Rock
	Supralittoral Sediment
	Unidentified habitat
	Unidentified water

Priority Habitats

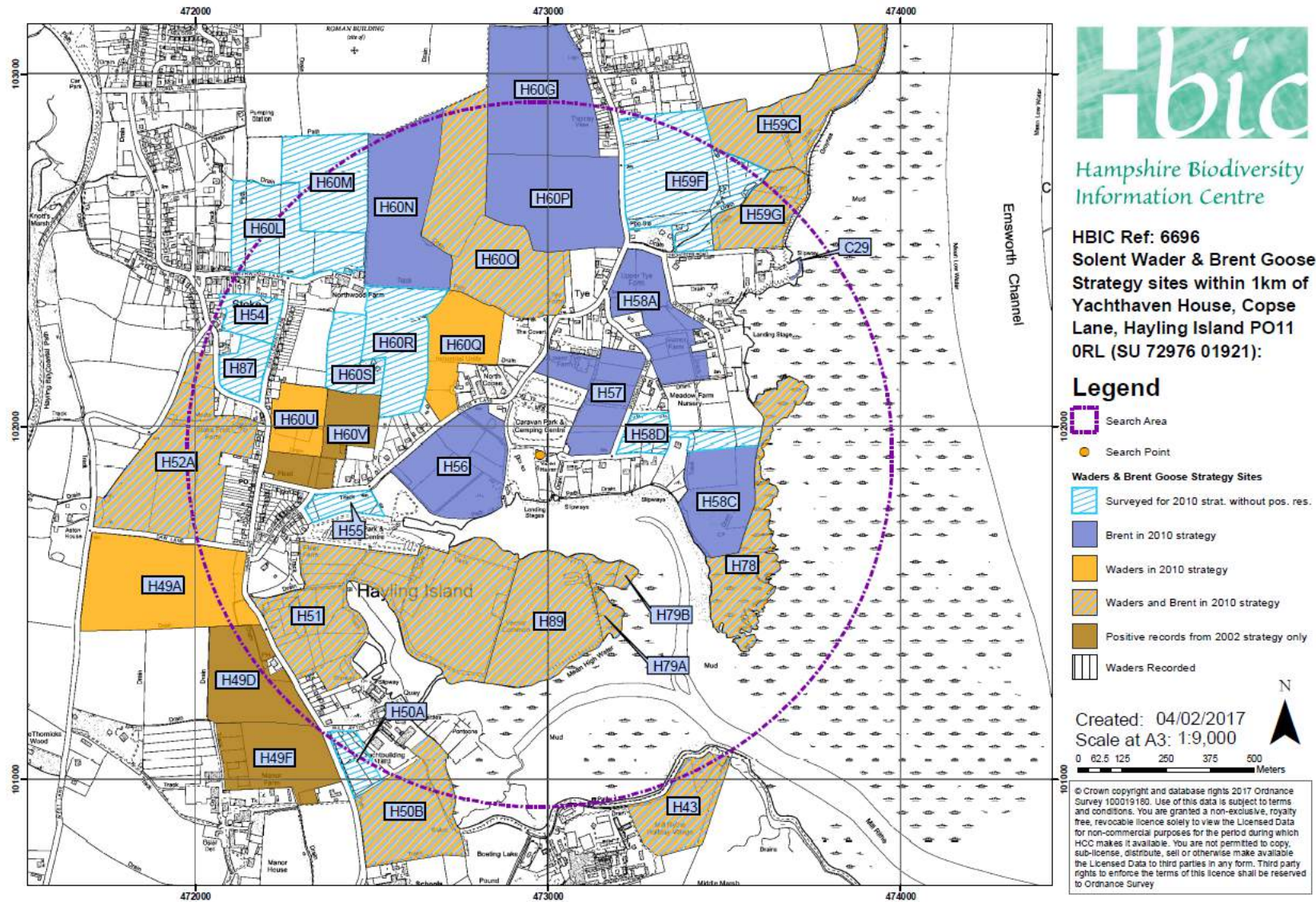
	Arable Field Margins
	Coastal Saltmarsh
	Coastal Sand Dunes
	Coastal Vegetated Shingle
	Coastal and Floodplain Grazing Marsh
	Eutrophic Standing Waters
	Hedgerows
	Intertidal Mudflats
	Lowland Beech and Yew Woodland
	Lowland Calcareous Grassland
	Lowland Dry Acid Grassland
	Lowland Fens
	Lowland Heathland
	Lowland Meadows
	Lowland Mixed Deciduous Woodland
	Maritime Cliff and Slopes
	Ponds
	Purple Moor Grass and Rush Pastures
	Reedbeds
	Rivers
	Saline Lagoons
	Seagrass Beds
	Traditional Orchards
	Wet Woodland
	Wood-Pasture and Parkland

Sharing information about Hampshire's wildlife

The Hampshire Biodiversity Information Centre Partnership includes local authorities, government agencies, wildlife charities and biological recording groups.



vii) Solent Wader & Brent Goose Strategy Sites Map.



viii) Details of the Solent Wader and Brent Goose Strategy sites within the search area.

Site Code	Maximum Count of Waders in 2010 strategy	Wader Site Classification in 2010 strategy	Maximum Count of Brent Geese in 2010 strategy	Brent Goose Site Classification in 2010 strategy	Brent Geese found in 2002 strategy	Data Summary	Easting	Northing
C29	0		21	Uncertain		Brent in 2010 strategy	473710	102448
H43	12	Uncertain	100	Important	Yes	Waders and Brent in 2010 strategy	473382	100921
H49A	180	Uncertain	0		Yes	Waders in 2010 strategy	471907	101548
H49D	0	Uncertain	0		Yes	Positive records from 2002 strategy only	472154	101279
H49F	0	Uncertain	0		Yes	Positive records from 2002 strategy only	472230	101058
H50A	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472453	101048
H50B	1	Uncertain	460	Important	Yes	Waders and Brent in 2010 strategy	472614	100907
H51	144	Uncertain	1200	Important	Yes	Waders and Brent in 2010 strategy	472566	101486
H52A	54	Uncertain	1	Uncertain		Waders and Brent in 2010 strategy	471957	101889
H54	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472160	102315
H55	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472419	101778
H56	0	Uncertain	33	Uncertain	Yes	Brent in 2010 strategy	472750	101886
H57	0	Uncertain	27	Uncertain		Brent in 2010 strategy	473139	102093
H58A	0	Uncertain	250	Uncertain		Brent in 2010 strategy	473314	102305
H58C	0	Uncertain	90	Uncertain		Brent in 2010 strategy	473487	101799
H58D	0	Uncertain	0			Surveyed for 2010 strategy without positive results	473377	101973
H59C	45	Uncertain	400	Uncertain	Yes	Waders and Brent in 2010 strategy	473746	103323

Site Code	Maximum Count of Waders in 2010 strategy	Wader Site Classification in 2010 strategy	Maximum Count of Brent Geese in 2010 strategy	Brent Goose Site Classification in 2010 strategy	Brent Geese found in 2002 strategy	Data Summary	Easting	Northing
H59F	0	No recorded use	0			Surveyed for 2010 strategy without positive results	473379	102707
H59G	5	Uncertain	30	Uncertain		Waders and Brent in 2010 strategy	473610	102606
H60G	0	No recorded use	2500	Uncertain	Yes	Brent in 2010 strategy	472975	102944
H60L	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472257	102541
H60M	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472380	102698
H60N	0	Uncertain	8	Uncertain		Brent in 2010 strategy	472592	102620
H60O	1	Uncertain	113	Uncertain	Yes	Waders and Brent in 2010 strategy	472826	102569
H60P	0	No recorded use	900	Important	Yes	Brent in 2010 strategy	473027	102644
H60Q	12	Uncertain	0			Waders in 2010 strategy	472748	102231
H60R	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472581	102236
H60S	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472444	102194
H60U	41	Uncertain	0	Uncertain		Waders in 2010 strategy	472293	102018
H60V	0	Uncertain	0		Yes	Positive records from 2002 strategy only	472384	101959
H78	6731	Important	1300	Important		Waders and Brent in 2010 strategy	473582	101689
H79A	560	Important	400	Important		Waders and Brent in 2010 strategy	473159	101527
H79B	410	Uncertain	44	Uncertain		Waders and Brent in 2010 strategy	473219	101577
H87	0	Uncertain	0			Surveyed for 2010 strategy without positive results	472142	102164
H89	250	Uncertain	75	Uncertain		Waders and Brent in 2010 strategy	472991	101447

Notes:

- This information is based on the 'Wader and Brent Goose Strategy 2010' but refers to information held separately in the 'Brent Goose Strategy 2002' where the more recent data is deficient. Both strategies are published by the Hampshire and Isle of Wight Wildlife Trust.
- The 'site code' field relates to the unique reference given to each polygon within both strategies. This 'site code' field can be found on the map accompanying this document.
- In the above table, if the classification is blank, the Maximum count field should also be blank (rather than '0').
- During the 2010 survey work, a method of scoring the confidence for the inclusion of sites was employed (for methodology please refer to the 2010 strategy report). The classification fields in the table above refer to this level of confidence, explained more fully in the confidence table below;

Classification Explanation (Level of Confidence)	
Important	Sites which are classed as important for Waders and/or Brent Geese
Uncertain	Sites that fell below the minimum confidence threshold, meaning that sites need further survey work to inform their assessment
No recorded use	Surveyors recorded when birds were not seen at a site. Where regular negative counts were recorded, and the confidence threshold was met, sites were classified as "no recorded use"
Blank	Confidence scoring was not carried out

- On the accompanying map, the symbol 'Surveyed for 2010 strat. without pos. res.' means sites surveyed for the 2010 Solent Wader & Brent Goose Strategy without positive results. This means no waders or brent geese were seen during visits to these sites. However this should not be taken as evidence of no use of the sites by waders or brent geese.
- Where up-to-date data does not exist in the 2010 update for sites identified as "important" in the 2002 Strategy, the 2002 Strategy remains the best available data source. It is recommended that those sites identified as important in 2002 but lacking updated data be considered as "uncertain" and warranting further investigation.

ix) Protected Species Records.

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
Amphibians & Reptiles								
Zootoca vivipara	Common Lizard	NERC_s41 WCA_s5s91(t)	SU727018	Yachthaven Meadow	2002	2002	1	0
			SU72910180	Hayling Island	2011	2011	1	15
Birds								
Acanthis cabaret	Lesser Redpoll	BOCC_Red NERC_s41	SU7101	Lh West Hayling Shore	2001	2001	1	1
Acrocephalus scirpaceus	Reed Warbler	HBAP	SU7101	Lh West Hayling Shore	1996	2007	3	1
			SU7200	Ch Mill Rythe	2012	2012	1	1
			SU7300	Ch Mill Rythe	2009	2012	2	1
Alauda arvensis	Skylark	BOCC_Red HBAP NERC_s41	SU7101	Hayling Island	2010	2010	2	0
			SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Lh West Hayling Shore	2008	2008	1	1
			SU7101	Lh West Lane - Hayling	1993	2010	7	145
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2014	2 *	12
			SU7200	Ch Mill Rythe	1996	2009	2	100
			SU7200	Hayling Island	2010	2010	1	0
			SU7202	Northwood Farm Hayling Island	2006	2006	1	100
			SU7202	Stoke Hayling Island	1995	2006	2	310

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7300	Ch Mill Rythe	2009	2009	1	7
			SU7301	Ch Mill Rithe	2013	2013	1 *	2
<i>Alcedo atthis</i>	Kingfisher	EU_Bird_1 WCA_s1s1	SU7101	Lh Langstone Harbour	2006	2006	1	1
			SU7101	Lh West Hayling Shore	2006	2006	1	1
			SU7102	Lh Hayling Oysterbeds	1996	2007	4	1
			SU7102	Lh West Hayling Shore	2009	2009	1	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2015	3 *	1
			SU7200	Ch East Hayling	2002	2002	1	1
			SU7200	Hayling Island	2005	2005	1	1
			SU7300	Ch Tournerbury	2015	2015	1 *	1
			SU7301	Ch Mill Rythe	2006	2007	3	1
			SU735017	Ch East/mid Hayling	2009	2009	1	1
<i>Anas clypeata</i>	Shoveler	CR	SU7101	Lh West Hayling Shore	2001	2006	9	55
			SU7300	Ch Lakeside Holiday Vill, E Hayling	2007	2007	1	1
			SU7300	Ch Mill Rythe	2007	2007	1	2
			SU735017	Ch East/mid Hayling	2009	2009	1	4
			SU735017	Ch East/Mid Hayling	2015	2015	1 *	5
<i>Anas querquedula</i>	Garganey	WCA_s1s1	SU7101	Lh Sinah Gp Hayling	2009	2009	1	1
<i>Anas strepera</i>	Gadwall	HBAP	SU7101	Lh West Hayling Shore	2001	2006	6	12
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	2	0
			SU735017	Ch East/mid Hayling	2009	2009	1	3

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch East/Mid Hayling	2013	2013	1 *	1
<i>Anser albifrons</i>	White-fronted Goose	BOCC_Red HBAP	SU7101	Lh West Hayling Shore	2010	2010	1	0
			SU7101	Lh West Lane - Hayling	2014	2014	6 *	1
			SU7201	Hayling Island	2010	2010	1	0
			SU7300	Ch Mill Rithe	2014	2014	1 *	1
			SU7300	Ch Tournurbury	2014	2014	2 *	1
<i>Anthus petrosus</i>	Rock Pipit	CR	SU7101	Lh West Hayling Shore	1993	2007	4	4
			SU7102	Lh Hayling Oysterbeds	1997	2007	2	4
			SU7102	Lh Langstone Harbour	2010	2010	1	0
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2012	10	2
			SU7102	Hayling Island	2015	2015	1 *	3
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	10 *	4
			SU7300	Hayling Island	2015	2015	1 *	1
<i>Anthus petrosus subsp. littoralis</i>	Scandinavian Rock Pipit	CR	SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2009	1	1
<i>Anthus spinoletta</i>	Water Pipit	CS	SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	1
			SU7300	Ch Mill Rythe	2009	2009	2	3
<i>Anthus trivialis</i>	Tree Pipit	BOCC_Red NERC_s41	SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2014	1 *	1
			SU7102	Lh West Lane - Hayling	2013	2013	1 *	1
			SU7200	Ch Mill Rythe	2007	2007	1	2
<i>Ardea cinerea</i>	Grey Heron	CS	SU7101	Lh West Hayling Shore	2006	2006	4	4

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	1
			SU735017	Ch East/mid Hayling	2007	2009	11	7
			SU735017	Ch East/Mid Hayling	2013	2015	16 *	4
<i>Arenaria interpres</i>	Turnstone	HBAP	SU7101	Lh West Hayling Shore	2001	2006	7	84
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	3
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	2	2
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	3 *	70
			SU7201	Ch Verner Common	2005	2005	7	22
			SU7300	Ch Mill Rythe	2007	2007	1	8
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	1
			SU7302	Ch Gutner Point	2005	2005	2	18
			SU735017	Ch East/mid Hayling	2007	2009	9	30
			SU735017	Ch East/Mid Hayling	2013	2015	14 *	30
			SU738024	Ch Northney	2015	2015	1 *	20
<i>Asio flammeus</i>	Short-eared Owl	EU_Bird_1	SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	1 *	1
			SU7201	Hayling Island	2015	2015	1 *	1
			SU7301	Ch Gutner Point, N Hayling	2015	2015	1 *	1
<i>Aythya ferina</i>	Pochard	BOCC_Red HBAP CS	SU7101	Lh West Hayling Shore	2001	2006	6	19

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Aythya marila</i>	Scaup	BOCC_Red NERC_s41 WCA_s1s1	SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	10 *	2
			SU7300	Ch Mill Rythe	2012	2012	3	1
			SU7301	Ch Mill Rythe	2012	2012	1	1
<i>Branta bernicla</i>	Brent Goose	BOCC_Red HBAP NERC_s41	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Lh West Hayling Shore	2000	2008	14	1850
			SU7101	Lh West Lane - Hayling	2000	2012	16	2100
			SU7102	Lh Langstone Harbour	1994	2010	6	242
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2009	2	20
			SU7102	Lh West Hayling Shore	2009	2009	1	420
			SU7201	Ch Verner Common	2003	2003	1	200
			SU729027	Hayling Island	2004	2004	1	1400
			SU7300	Ch Mill Rythe	2006	2009	6	1500
			SU7301	Ch Chichester Hbr Hampshire Sectors	2009	2009	1	1
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	700
			SU7301	Ch Mill Rythe	2007	2012	2	203
			SU731021	Hayling Island	2004	2004	1	31
			SU734020	Ch Gutner Point	2002	2002	1	100
			SU735017	Ch East/mid Hayling	2007	2009	18	1459
<i>Branta leucopsis</i>	Barnacle Goose	EU_Bird_1	SU7101	Lh West Lane - Hayling	2006	2007	5	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2010	2	18
			SU7201	Ch East Hayling	2001	2001	1	7

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7300	Ch Mill Rythe	2008	2008	1	2
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	2
			SU7302	Ch East Hayling	2001	2001	1	7
<i>Burhinus oedichnemus</i>	Stone-curlew	EU_Bird_1 HBAP NERC_s41 WCA_s1s1 CS	SU70	Sensitive	2006	2006	1	1
			SU70	Sensitive	2006	2006	1	1
<i>Calcarius lapponicus</i>	Lapland Bunting	WCA_s1s1	SU7201	Hayling Bay	2010	2010	1	1
<i>Calidris alba</i>	Sanderling	HBAP	SU7101	Hb Beachlands - Hayling	2007	2007	1	12
			SU7101	Lh West Hayling Shore	2006	2006	1	3
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	2
			SU7200	Hayling Island	2013	2013	1 *	1
			SU7302	Ch Gutner Point, N Hayling	2007	2007	1	6
<i>Calidris alpina</i>	Dunlin	HBAP	SU7101	Lh West Hayling Shore	2001	2006	7	2572
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	4
			SU7102	Lh Langstone Harbour	1995	2007	12	10000
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	7 *	20000
			SU7201	Ch Verner Common	2005	2005	8	876
			SU7300	Ch Mill Rythe	2007	2009	2	100

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	600
			SU7301	Ch Mill Rithe	2013	2013	2 *	700
			SU7302	Ch Gutner Point	1996	2005	2	200
			SU7302	Ch Gutner Point, N Hayling	2007	2007	1	2
			SU735017	Ch East/mid Hayling	2007	2009	15	1000
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	3 *	1005
			SU735017	Ch East/Mid Hayling	2013	2015	23 *	3000
			SU738024	Ch Northney	2015	2015	1 *	300
<i>Calidris canutus</i>	Knot	HBAP	SU7101	Lh West Hayling Shore	2001	2009	5	250
			SU7102	Lh Langstone Harbour	1994	2007	8	900
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2012	2	6
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	4 *	32
			SU7201	Ch Verner Common	2005	2005	5	310
			SU7300	Ch Mill Rythe	2005	2009	2	5
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	30
			SU7301	Ch Mill Rythe	2010	2010	1	0
			SU7301	Ch Gutner Point, N Hayling	2015	2015	1 *	1
			SU7302	Ch Northney	2002	2002	2	54
			SU735017	Ch East/mid Hayling	2007	2009	12	200
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	4 *	27
			SU735017	Ch East/Mid Hayling	2013	2015	19 *	800

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Calidris maritima</i>	Purple Sandpiper	WCA_s1s1	SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2008	1	1
<i>Calidris pugnax</i>	Ruff	EU_Bird_1 BOCC_Red WCA_s1s1	SU7101	Hayling South Hayling	2010	2010	1	0
			SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	1
			SU7300	Ch Mill Rythe	2007	2007	1	1
			SU737020	Ch Mill Rythe	2007	2007	1	1
<i>Cettia cetti</i>	Cetti's Warbler	HBAP WCA_s1s1 CS	SU7102	Lh West Lane - Hayling	2015	2015	1 *	2
<i>Charadrius dubius</i>	Little Ringed Plover	WCA_s1s1 CS	SU70F	Sensitive	2007	2007	1	1
<i>Charadrius hiaticula</i>	Ringed Plover	BOCC_Red	SU7101	Lh West Hayling Shore	2006	2007	4	62
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	2
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	4 *	460
			SU7201	Ch Verner Common	2005	2005	1	1
			SU7302	Ch Gutner Point, N Hayling	2007	2007	1	3
			SU735017	Ch East/Mid Hayling	2013	2013	1 *	25
<i>Chlidonias niger</i>	Black Tern	EU_Bird_1 WCA_s1s1	SU7102	Lh Hayling Oysterbeds	2006	2006	1	3
			SU7300	Ch Mill Rythe	2010	2010	1	0
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	CR	SU7101	Lh Sinah Gp Hayling	2009	2009	1	400
			SU7101	Lh West Hayling Shore	2006	2006	6	0
			SU7201	Ch Mill Rithe	2013	2013	1 *	29
			SU7301	Ch Mill Rithe	2013	2013	1 *	132

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch East/mid Hayling	2007	2009	12	350
			SU735017	Ch East/Mid Hayling	2013	2015	24 *	270
<i>Circus</i>	Indet. Harrier	WCA_s1s1	SU7101	Lh West Lane - Hayling	2005	2005	1	1
<i>Circus aeruginosus</i>	Marsh Harrier	EU_Bird_1 WCA_s1s1 CR	SU7102	Lh Langstone Harbour	2009	2009	1	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	1
			SU7302	Ch Gutner Point, N Hayling	2012	2012	1	1
<i>Circus cyaneus</i>	Hen Harrier	EU_Bird_1 BOCC_Red HBAP NERC_s41 WCA_s1s1	SU7102	Lh Hayling Oysterbeds	2007	2007	1	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7201	Hayling Island	2010	2010	1	0
			SU7300	Hayling Island	2007	2007	1	1
			SU735010	Hayling Island	2007	2007	1	1
<i>Clangula hyemalis</i>	Long-tailed Duck	BOCC_Red WCA_s1s1	SU7101	Hayling Island	2013	2013	2 *	1
			SU7102	Lh Langstone Harbour	1997	2009	2	4
			SU7102	Lh Langstone Harbour	2014	2014	4 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	13 *	1
			SU7201	Hayling Island	2010	2010	1	0
			SU7201	Hb Hayling Bay	2010	2010	2	0
			SU7300	Ch Mill Rythe	2009	2009	3	2
			SU735017	Ch East/mid Hayling	2009	2009	2	2
<i>Cuculus canorus</i>	Cuckoo	BOCC_Red NERC_s41	SU7101	Lh West Hayling Shore	1996	2006	3	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2012	2	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7200	Ch Mill Rythe	2008	2008	1	1
			SU7201	Ch East Hayling	2003	2003	2	1
			SU7300	Ch Mill Rythe	2010	2010	1	0
			SU7301	Ch Gutner Point, N Hayling	2007	2007	1	1
			SU7302	Hayling Island	2005	2005	1	1
			SU7302	Hayling Woodgaston Lane	2008	2008	1	1
<i>Egretta garzetta</i>	Little Egret	EU_Bird_1 HBAP CR	SU7101	Lh West Hayling Shore	1999	2007	15	15
			SU7102	Lh Hayling Oysterbeds	2007	2007	2	2
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	1 *	1
			SU7200	Ch Chichester Harbour	1994	2003	3	1
			SU7202	Ch Chichester Harbour	1994	2003	3	1
			SU7300	Ch Chichester Harbour	1993	2002	3	1
			SU7300	Ch Gutner Point, N Hayling	2009	2009	2	58
			SU7300	Ch Mill Rythe	2005	2005	1	29
			SU7301	Ch Chichester Hbr Hampshire Sectors	2003	2003	1	20
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	42
			SU733020	Ch Northney	2015	2015	1 *	1
			SU735017	Ch East/mid Hayling	2007	2009	21	45
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	1 *	24
			SU735017	Ch East/Mid Hayling	2013	2015	31 *	30
<i>Emberiza citrinella</i>	Yellowhammer	BOCC_Red	SU7101	Hayling Island	2005	2005	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
		NERC_s41	SU7101	Lh West Hayling Shore	1993	2007	7	22
			SU7102	Hayling Island	2005	2005	2	1
			SU7102	Lh Hayling Oysterbeds	2005	2005	1	1
			SU7102	Lh West Hayling Shore	2002	2007	3	5
			SU7202	Stoke Hayling Island	2007	2007	1	2
			SU7300	Ch Mill Rythe	2011	2011	1	1
<i>Emberiza schoeniclus</i>	Reed Bunting	HBAP NERC_s41	SU7300	Ch Mill Rythe	2012	2012	1	1
<i>Eremophila alpestris</i>	Shore Lark	WCA_s1s1	SU7101	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	30	1
<i>Falco columbarius</i>	Merlin	EU_Bird_1 BOCC_Red HBAP WCA_s1s1	SU7101	Lh West Hayling Shore	1995	2003	4	1
			SU7101	Lh West Lane - Hayling	2001	2001	1	1
			SU7102	Lh Langstone Harbour	1994	2003	8	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	1
			SU7102	Lh Langstone Harbour	2014	2014	1 *	1
			SU7202	Northwood Farm Hayling Island	2006	2006	1	1
			SU7300	Ch East Hayling	2004	2004	1	1
			SU7301	Ch Gutner Point	1996	2004	2	1
			SU7301	Ch Gutner Point, N Hayling	2008	2012	2	1
			SU7302	Ch Gutner Point	1995	2003	2	1
<i>Falco peregrinus</i>	Peregrine	EU_Bird_1	SU70	Sensitive	1993	2012	5	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
		WCA_s1s1 CR	SU70	Sensitive	1994	2010	3	1
			SU70	Sensitive	1994	2010	7	2
			SU70	Sensitive	1994	2010	16	2
			SU70	Sensitive	1996	2012	4	2
			SU70	Sensitive	2007	2009	6	1
			SU70	Sensitive	2008	2008	1	1
			SU70	Sensitive	2013	2013	1 *	1
			SU70	Sensitive	2013	2015	6 *	1
			SU70	Sensitive	2013	2015	6 *	2
			SU70	Sensitive	2015	2015	2 *	1
<i>Falco subbuteo</i>	Hobby	HBAP WCA_s1s1 CI	SU70A	Sensitive	1999	2002	3	2
			SU70B	Sensitive	2001	2001	1	1
			SU70F	Sensitive	2005	2010	2	1
			SU70F	Sensitive	2007	2007	1	1
			SU70F	Sensitive	2009	2009	1	1
<i>Ficedula hypoleuca</i>	Pied Flycatcher	BOCC_Red CR	SU7101	Hayling Island	2010	2010	1	1
			SU7101	Northney	2010	2010	1	1
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7102	West Hayling Lnr (oysterbeds)	2010	2010	2	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	1
			SU7201	Hayling Island	2008	2011	6	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7201	Hayling Island	2015	2015	2 *	1
			SU7300	Ch Mill Rythe	2008	2008	1	1
			SU7302	Ch East/mid Hayling	2008	2008	1	1
<i>Fringilla montifringilla</i>	Brambling	WCA_s1s1	SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	1
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
<i>Gallinago gallinago</i>	Snipe	HBAP CS	SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Hayling Island	2013	2013	1 *	36
			SU7300	Ch Tournurbury	2008	2008	1	10
			SU735017	Ch East/mid Hayling	2009	2009	2	4
			SU735017	Ch East/Mid Hayling	2013	2015	7 *	8
<i>Gavia immer</i>	Great Northern Diver	EU_Bird_1 WCA_s1s1	SU7101	Lh West Hayling Shore	2001	2006	2	1
			SU7101	Hayling Island	2013	2013	1 *	2
			SU7102	Lh Langstone Harbour	1996	2001	2	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	1
			SU7102	Lh Langstone Harbour	2014	2014	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	4 *	2
			SU7201	Hb Hayling Bay	2010	2010	1	0
<i>Gavia stellata</i>	Red-throated Diver	EU_Bird_1 WCA_s1s1	SU7101	Lh West Hayling Shore	2006	2006	1	1
<i>Haematopus ostralegus</i>	Oystercatcher	CS	SU7101	Lh West Hayling Shore	2001	2007	14	365
			SU7102	Lh Hayling Oysterbeds	2007	2007	2	6

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7102	Lh West Lane - Hayling	2010	2010	1	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	4 *	1250
			SU7201	Ch Verner Common	2005	2005	10	92
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	100
			SU7302	Ch Gutner Point	1996	2005	4	72
			SU735017	Ch East/mid Hayling	2007	2009	22	85
			SU735017	Ch East/Mid Hayling	2013	2015	29 *	100
			SU738024	Ch Northney	2015	2015	1 *	2
<i>Hydrocoloeus minutus</i>	Little Gull	EU_Bird_1 WCA_s1s1	SU7201	Hayling Island	2015	2015	1 *	1
<i>Jynx torquilla</i>	Wryneck	WCA_s1s1	SU7101	Hayling Island	2010	2010	1	0
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	5	0
			SU7201	Hayling Island	2010	2010	10	0
			SU7202	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7300	Ch Mill Rythe	2005	2005	1	1
			SU7301	Ch Gutner Point, N Hayling	2014	2014	1 *	1
<i>Lanius collurio</i>	Red-backed Shrike	EU_Bird_1 BOCC_Red WCA_s1s1	SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	4 *	1
			SU7102	Lh West Lane - Hayling	2015	2015	8 *	1
			SU7200	Ch Mill Rythe	2007	2007	3	1
			SU7201	Ch Mill Rythe	2007	2007	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7300	Ch Mill Rythe	2007	2007	5	1
			SU7302	Ch Mill Rythe	2007	2007	1	1
<i>Larus argentatus</i>	Herring Gull	BOCC_Red CR	SU7101	Lh Sinah Gp Hayling	2009	2009	1	55
			SU735017	Ch East/mid Hayling	2007	2009	5	30
			SU735017	Ch East/Mid Hayling	2013	2015	8 *	24
<i>Larus fuscus</i>	Lesser Black-backed Gull	BOCC_Red CR	SU7102	Lh Langstone Harbour	1999	2001	3	5
			SU735017	Ch East/Mid Hayling	2015	2015	1 *	7
<i>Larus marinus</i>	Great Black-backed Gull	CR	SU735017	Ch East/mid Hayling	2007	2009	4	20
			SU735017	Ch East/Mid Hayling	2013	2015	5 *	10
<i>Larus melanocephalus</i>	Mediterranean Gull	EU_Bird_1 HBAP WCA_s1s1 CR	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Hb Beachlands - Hayling	2007	2007	1	1
			SU7101	Lh West Hayling Shore	2000	2008	14	54
			SU7101	Lh West Lane - Hayling	1999	2005	9	50
			SU7101	Stoke	2010	2010	1	0
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7102	Lh Hayling Oysterbeds	2007	2007	4	65
			SU7102	Lh Langstone Harbour	1993	2004	11	30
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	18	100
			SU7102	Lh West Hayling Shore	2001	2001	3	15
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	19 *	182
			SU7200	Ch Mill Rythe	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7201	Ch Verner Common	2004	2004	1	20
			SU7202	Stoke Hayling Island	2000	2006	3	2
			SU7300	Ch Mill Rythe	2004	2010	22	84
			SU7300	Hayling Island	2005	2005	1	80
			SU7300	Ch Mill Rithe	2015	2015	1 *	12
			SU7301	Ch Mill Rythe	2007	2007	2	46
			SU7301	Hayling Island	2005	2005	2	39
			SU7302	Ch Tye, Hayling Island	2007	2007	1	2
			SU733009	Ch Mill Rythe	2009	2009	1	30
			SU735017	Ch East/mid Hayling	2007	2009	2	2
			SU735017	Ch East/Mid Hayling	2014	2014	2 *	3
<i>Limosa lapponica</i>	Bar-tailed Godwit	EU_Bird_1 HBAP	SU7101	Lh West Hayling Shore	2006	2006	1	100
			SU7102	Lh Langstone Harbour	1996	2006	3	57
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2009	2	20
			SU7102	Lh Langstone Harbour	2014	2014	1 *	19
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2014	4 *	7
			SU7201	Ch Verner Common	2005	2005	9	600
			SU7300	Ch Mill Rythe	2009	2009	1	1
			SU7301	Ch Chichester Hbr Hampshire Sectors	2002	2003	2	800
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	400
			SU7301	Ch Mill Rithe	2015	2015	1 *	5

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7302	Ch Northney	2002	2002	1	24
			SU735017	Ch East/mid Hayling	2007	2009	16	360
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	4 *	250
			SU735017	Ch East/Mid Hayling	2013	2015	24 *	300
<i>Limosa limosa</i>	Black-tailed Godwit	BOCC_Red HBAP WCA_s1s1 CI	SU7101	Lh West Hayling Shore	2006	2006	1	1
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	4
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	2	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	1 *	43
			SU7201	Ch Verner Common	1999	2005	8	222
			SU7302	Ch Gutner Point	2005	2005	2	28
			SU735017	Ch East/mid Hayling	2007	2009	5	40
			SU735017	Ch East/Mid Hayling	2013	2015	12 *	125
<i>Linaria cannabina</i>	Linnet	BOCC_Red HBAP	SU7101	Hayling Island	2011	2011	1	200
			SU7101	Lh West Hayling Shore	1996	2006	11	180
			SU7101	Lh West Lane - Hayling	1994	2012	4	250
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	5
			SU720015	Hayling Island	2015	2015	1 *	120
			SU7202	Northwood Farm Hayling Island	2011	2011	1	200
			SU7202	Stoke Hayling Island	2011	2011	1	100
			SU7300	Ch Mill Rythe	2009	2009	1	1
			SU733015	Ch Verner Common	2001	2001	1	100

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Linaria flavirostris</i>	Twite	BOCC_Red	SU7201	Hayling Island	2011	2011	1	1
<i>Locustella naevia</i>	Grasshopper Warbler	BOCC_Red HBAP NERC_s41 CR	SU7101	Hayling Island	2013	2013	1 *	1
<i>Lullula arborea</i>	Woodlark	EU_Bird_1 HBAP NERC_s41 WCA_s1s1 CI	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Lh West Lane - Hayling	2010	2010	1	0
<i>Melanitta fusca</i>	Velvet Scoter	WCA_s1s1	SU7102	Lh Hayling Oysterbeds	2007	2007	1	2
			SU7102	Lh Langstone Harbour	2007	2007	1	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	12	0
			SU7102	Lh Langstone Harbour	2014	2014	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	3 *	1
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
			SU7201	Hayling Island	2010	2010	11	0
			SU7202	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
<i>Melanitta nigra</i>	Common Scoter	BOCC_Red HBAP NERC_s41 WCA_s1s1	SU7101	Lh West Hayling Shore	2001	2001	1	4
			SU7102	Lh Hayling Oysterbeds	2007	2007	2	3
			SU7102	Lh Langstone Harbour	2007	2007	1	3
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7201	Hb Hayling Bay	2010	2010	1	0
			SU7302	Ch Gutner Point	2004	2004	1	1
<i>Mergus merganser</i>	Goosander	HBAP CR	SU7102	Lh Langstone Harbour	1993	2002	21	4
<i>Mergus serrator</i>	Red-breasted Merganser	HBAP	SU7101	Lh West Hayling Shore	2001	2006	10	70
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	60
			SU7102	Lh Langstone Harbour	1994	2007	15	78
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2010	4	52
			SU7102	Lh Langstone Harbour	2014	2014	3 *	110
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	4 *	62
			SU7301	Ch Mill Rithe	2013	2013	1 *	29
			SU735017	Ch East/mid Hayling	2007	2009	12	26
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	1 *	4
			SU735017	Ch East/Mid Hayling	2013	2015	16 *	25
<i>Milvus milvus</i>	Red Kite	EU_Bird_1 HBAP WCA_s1s1 CR	SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2010	2	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2014	1 *	1
			SU7300	Ch Mill Rythe	2009	2010	2	1
<i>Motacilla cinerea</i>	Grey Wagtail	BOCC_Red	SU7201	Ch Verner Common	2006	2006	1	1
			SU723019	Hayling Island	2006	2006	1	1
			SU725024	Hayling Island	2006	2006	1	1
			SU7300	Ch Mill Rythe	2010	2010	1	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Motacilla flava</i>	Yellow Wagtail	BOCC_Red HBAP CR	SU7101	Lh West Hayling Shore	1993	2002	10	70
			SU7101	Lh West Lane - Hayling	1994	2002	2	28
			SU7102	Lh West Hayling Shore	1994	2010	2	13
			SU7102	Stoke Hayling Island	2009	2009	1	2
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	3
			SU7200	Ch Mill Rythe	2009	2009	1	1
			SU7300	Ch Mill Rythe	2007	2012	14	20
			SU7301	Ch East/mid Hayling	2012	2012	1	2
			SU7301	Ch Gutner Point, N Hayling	2009	2011	2	6
			SU7301	Ch Mill Rithe	2015	2015	1 *	1
			SU7302	Ch Mill Rythe	2007	2007	1	25
<i>Muscicapa striata</i>	Spotted Flycatcher	BOCC_Red HBAP NERC_s41	SU7101	Lh West Hayling Shore	1996	2001	8	10
			SU7101	Lh West Lane - Hayling	1999	2006	3	2
			SU7101	Hayling Island	2013	2013	2 *	1
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2008	1	2
			SU7102	Lh West Hayling Shore	2002	2002	1	1
			SU7102	West Hayling Lnr (oysterbeds)	2010	2010	1	1
			SU7200	Ch Mill Rythe	2007	2011	3	2
			SU7201	Hayling Island	2011	2011	1	4
			SU7202	Hayling Island	2001	2001	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7202	Stoke Hayling Island	2012	2012	1	1
			SU7300	Ch East/mid Hayling	2008	2008	1	1
			SU7300	Ch Mill Rythe	2005	2012	5	2
			SU7301	Ch Gutner Point, N Hayling	2009	2009	1	1
			SU7302	Ch Gutner Point	2003	2003	1	2
			SU7302	Hayling Island	2004	2004	1	1
<i>Numenius arquata</i>	Curlew	BOCC_Red NERC_s41	SU7101	Lh West Hayling Shore	1996	2006	11	174
			SU7101	Lh West Lane - Hayling	1999	2012	15	235
			SU7102	Lh West Lane - Hayling	2010	2010	1	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	1
			SU719019	Lh West Hayling Shore	2015	2015	1 *	50
			SU7201	Ch Verner Common	2005	2005	11	730
			SU7202	Northwood Farm Hayling Island	2006	2007	2	134
			SU7202	Stoke Hayling Island	2007	2009	2	123
			SU7300	Ch Mill Rythe	2005	2009	2	600
			SU7301	Ch Chichester Harbour	2004	2004	1	200
			SU7301	Ch Gutner Point	2000	2003	2	500
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	700
			SU7301	Ch Mill Rythe	2010	2010	1	0
			SU7301	Ch Mill Rithe	2013	2013	2 *	58
			SU7302	Ch Gutner Point	1996	2005	6	78

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7302	Ch Gutner Point, N Hayling	2009	2009	1	123
			SU733015	Ch Verner Common	2001	2001	1	400
			SU733021	Ch Northney	2015	2015	1 *	20
			SU734018	Ch Northney	2015	2015	1 *	1
			SU735017	Ch East/mid Hayling	2007	2009	21	650
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	1 *	74
			SU735017	Ch East/Mid Hayling	2013	2015	33 *	600
			SU735020	Ch Northney	2015	2015	1 *	3
<i>Numenius phaeopus</i>	Whimbrel	BOCC_Red WCA_s1s1	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Lh West Hayling Shore	1996	2009	12	40
			SU7101	Lh West Lane - Hayling	2001	2001	1	1
			SU7102	Lh Hayling Oysterbeds	2007	2007	1	10
			SU7102	Lh Langstone Harbour	1995	2006	6	70
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	8	29
			SU7102	Lh West Hayling Shore	2003	2003	1	1
			SU7102	Lh Langstone Harbour	2014	2014	2 *	23
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	8 *	12
			SU7201	Ch Verner Common	2005	2005	6	20
			SU7300	Ch Mill Rythe	2005	2010	5	20
			SU7300	Ch Mill Rithe	2015	2015	2 *	2
			SU7301	Ch Gutner Point, N Hayling	2008	2012	4	10

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7301	Ch Gutner Pointn Hayling	2010	2010	1	0
			SU7301	Ch Mill Rythe	2007	2012	4	3
			SU735014	Ch Gutner Pointn Hayling	2010	2010	1	0
			SU735015	Ch Gutner Point	2002	2002	1	43
			SU735017	Ch East/mid Hayling	2007	2009	14	147
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	2 *	9
			SU735017	Ch East/Mid Hayling	2013	2015	16 *	40
<i>Oceanodroma leucorhoa</i>	Leach's Petrel	EU_Bird_1 WCA_s1s1	SU7102	Lh Hayling Oysterbeds	2007	2007	1	1
<i>Oenanthe oenanthe</i>	Wheatear	CS	SU7101	Hayling Island	2010	2011	8	7
			SU7101	Hayling South Hayling	2009	2009	1	30
			SU7101	Lh West Hayling Shore	1994	2008	30	19
			SU7101	Lh West Lane - Hayling	2004	2004	1	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	6	3
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	11 *	5
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
			SU7200	Ch Mill Rythe	2009	2009	1	1
			SU7200	Hayling Island	2011	2011	1	0
			SU7201	Ch Verner Common	2009	2012	2	12
			SU7201	Ch Verner Common	2013	2013	1 *	10
			SU7202	Northwood Farm Hayling Island	2007	2007	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7202	Ch Northney	2013	2013	1 *	1
			SU7300	Ch Mill Rythe	2005	2012	23	14
			SU7300	Ch Mill Rithe	2015	2015	1 *	1
			SU7301	Ch Gutner Point, N Hayling	2009	2012	3	12
			SU7301	Ch Gutner Pointn Hayling	2010	2010	2	0
			SU7301	Ch Mill Rythe	2007	2012	4	6
			SU7302	Ch Gutner Point	2003	2003	1	1
			SU7302	Ch Gutner Point, N Hayling	2007	2007	1	2
<i>Oriolus oriolus</i>	Golden Oriole	BOCC_Red WCA_s1s1	SU7101	Hayling Island	2013	2013	1 *	1
<i>Pandion haliaetus</i>	Osprey	EU_Bird_1 WCA_s1s1	SU7101	Ch Chichester Harbour	2004	2004	2	1
			SU7101	Lh West Hayling Shore	2004	2005	2	1
			SU7101	Lh West Lane - Hayling	1998	2008	3	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2012	3	1
			SU7102	Lh Langstone Harbour	2014	2014	4 *	2
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	7 *	1
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
			SU7201	Ch Mill Rythe	2007	2007	1	1
			SU7201	Hayling Island	2006	2010	2	1
			SU7201	Hb Hayling Bay	2010	2010	1	0
			SU7201	Hayling Island	2015	2015	1 *	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7300	Ch Mill Rythe	1994	2012	8	1
			SU7300	Hayling Island	2002	2002	1	1
			SU7301	Ch Chichester Hbr Hampshire Sectors	2010	2010	1	0
			SU7301	Ch East Hayling	1994	2006	3	2
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	1
			SU7301	Hayling Island	2013	2013	1 *	1
			SU7302	Ch Mill Rythe	2007	2007	1	1
			SU734019	Ch Gutner Point, N Hayling	2007	2007	1	1
			SU737024	Hayling Island	2015	2015	2 *	1
<i>Passer domesticus</i>	House Sparrow	BOCC_Red NERC_s41	SU7101	Lh West Lane - Hayling	2012	2012	2	30
			SU7301	Ch Mill Rithe	2013	2013	1 *	25
<i>Passer montanus</i>	Tree Sparrow	BOCC_Red HBAP NERC_s41 CR	SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2014	1 *	1
<i>Pernis apivorus</i>	Honey-buzzard	EU_Bird_1 HBAP WCA_s1s1 CR	SU70	Sensitive	2002	2004	2	1
<i>Phalacrocorax aristotelis</i>	Shag	BOCC_Red	SU7101	Hayling Island	2006	2006	1	1
<i>Phoenicurus ochruros</i>	Black Redstart	BOCC_Red WCA_s1s1 CR	SU7101	Hayling Island	2011	2011	1	3
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7201	Hayling Island	2010	2011	6	3

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7201	Hb Eastoke	2008	2008	1	1
			SU7302	Ch East/mid Hayling	2010	2010	1	0
<i>Phoenicurus phoenicurus</i>	Redstart	CI	SU7101	Hayling Island	2006	2012	2	1
			SU7101	Lh West Hayling Shore	1996	2002	8	13
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2012	4	3
			SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2014	1 *	1
			SU7200	Ch East/mid Hayling	2008	2008	1	1
			SU720020	Hayling Island	2015	2015	1 *	1
			SU7201	Hayling Island	2011	2011	1	1
			SU7202	Stoke Hayling Island	2012	2012	1	3
			SU7300	Ch Mill Rythe	2006	2012	6	2
			SU7300	Ch Northney Paddocks	2009	2009	1	1
			SU7301	Ch Gutner Point, N Hayling	2011	2011	1	1
<i>Platalea leucorodia</i>	Spoonbill	EU_Bird_1 WCA_s1s1	SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	2 *	1
			SU7201	Hayling Island	2015	2015	1 *	1
			SU7302	Ch Gutner Point	2001	2001	1	1
<i>Pluvialis apricaria</i>	Golden Plover	EU_Bird_1 HBAP	SU7101	Lh West Hayling Shore	1995	2012	4	350
			SU7101	Lh West Lane - Hayling	1994	2012	17	304
			SU7101	Hayling Island	2013	2013	1 *	25
			SU7200	Ch Mill Rythe	2009	2009	1	18
			SU7201	Ch Mill Rythe	2008	2008	1	181

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7201	Ch Northney	2008	2008	1	60
			SU7201	Ch Verner Common	1999	2005	11	700
			SU7300	Ch Mill Rythe	1996	2012	5	800
			SU7300	Ch Mill Rithe	2015	2015	1 *	500
			SU7301	Ch Chichester Harbour	2004	2004	2	350
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	250
			SU7301	Ch Mill Rythe	2007	2010	5	180
			SU7301	Ch Verner Common	1997	2003	2	5
			SU7301	Hayling Island	2006	2006	2	400
			SU7301	Ch Mill Rithe	2015	2015	1 *	23
			SU7302	Ch Gutner Point	1995	2002	2	21
			SU7302	Ch East/Mid Hayling	2013	2013	1 *	100
			SU735017	Ch East/mid Hayling	2007	2009	12	700
			SU735017	Ch East/Mid Hayling	2013	2015	14 *	600
<i>Pluvialis squatarola</i>	Grey Plover	HBAP CI	SU7101	Lh West Hayling Shore	2001	2009	8	191
			SU7102	Lh Langstone Harbour	1996	2007	8	50
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	5 *	243
			SU7201	Ch Verner Common	1999	2005	8	1000
			SU7300	Ch Mill Rythe	2008	2009	2	26
			SU7301	Ch Gutner Point, N Hayling	2007	2008	3	400
			SU7302	Ch Gutner Point	1996	2005	2	400

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch East/mid Hayling	2007	2009	19	700
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	3 *	208
			SU735017	Ch East/Mid Hayling	2013	2015	30 *	1000
			SU738024	Ch Northney	2015	2015	1 *	40
<i>Podiceps auritus</i>	Slavonian Grebe	EU_Bird_1 HBAP WCA_s1s1	SU7101	Lh West Hayling Shore	2001	2001	1	1
			SU7101	Hayling Island	2013	2013	1 *	1
			SU7102	Lh Hayling Oysterbeds	2006	2007	3	1
			SU7102	Lh Langstone Harbour	1994	2003	10	8
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2012	4	3
			SU7102	Lh Langstone Harbour	2014	2014	3 *	7
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	6 *	2
			SU7201	Hayling Island	2010	2010	1	0
			SU7201	Hb Hayling Bay	2010	2010	1	0
			SU735017	Ch East/mid Hayling	2007	2007	1	1
<i>Podiceps cristatus</i>	Great Crested Grebe	CI	SU7101	Lh West Hayling Shore	2001	2006	13	35
			SU7101	Hayling Island	2013	2013	1 *	5
			SU7102	Lh Langstone Harbour	1994	2009	11	100
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2010	2	1
			SU7102	Lh Langstone Harbour	2014	2014	1 *	20
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	1 *	14
			SU735017	Ch East/mid Hayling	2007	2009	7	4

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch East/Mid Hayling	2013	2015	7 *	3
<i>Podiceps grisegena</i>	Red-necked Grebe	BOCC_Red	SU7102	Lh Langstone Harbour	2014	2014	3 *	1
			SU7201	Lh West Hayling Lnr (oysterbeds)	2008	2008	1	1
			SU7201	Hayling Island	2015	2015	2 *	1
<i>Podiceps nigricollis</i>	Black-necked Grebe	HBAP WCA_s1s1	SU7101	Lh Langstone Harbour	2007	2007	1	29
			SU7101	Lh West Hayling Shore	2001	2006	6	20
			SU7102	Lh Hayling Oysterbeds	2000	2007	5	19
			SU7102	Lh Langstone Harbour	1994	2010	13	24
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	30	17
			SU7102	Lh West Hayling Shore	2006	2006	1	5
			SU7102	Hayling Island	2015	2015	1 *	6
			SU7102	Lh Langstone Harbour	2014	2015	16 *	20
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	20 *	21
			SU7201	Hayling Island	2015	2015	1 *	1
			SU7202	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
<i>Rallus aquaticus</i>	Water Rail	CS	SU7300	Ch Mill Rythe	2012	2012	1	1
<i>Recurvirostra avosetta</i>	Avocet	EU_Bird_1 WCA_s1s1 CR	SU7101	Lh Langstone Harbour	2010	2010	1	0
			SU7102	Lh West Hayling Lnr (oysterbeds)	2012	2012	1	2
			SU7102	Hayling Island	2015	2015	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	1 *	1
<i>Regulus ignicapilla</i>	Firecrest	HBAP	SU7101	Lh West Hayling Shore	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
		WCA_s1s1 CS	SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2008	1	2
			SU7102	Lh West Hayling Shore	1994	2009	5	2
			SU7201	Hayling Island	2015	2015	1 *	1
			SU7300	Ch Mill Rythe	2008	2008	1	1
			SU7302	Hayling Woodgaston Lane	2006	2006	1	1
<i>Riparia riparia</i>	Sand Martin	CS	SU7101	Hayling Island	2010	2010	1	0
			SU7200	Ch Mill Rythe	2009	2009	1	2
			SU7302	Ch Mill Rythe	2007	2007	1	1
<i>Rissa tridactyla</i>	Kittiwake	BOCC_Red	SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2014	2 *	1
<i>Saxicola rubetra</i>	Whinchat	BOCC_Red HBAP CR	SU7101	Hayling Island	2011	2011	1	2
			SU7101	Lh West Hayling Shore	1995	2002	7	6
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2009	1	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2014	2015	3 *	2
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
			SU7201	Ch Verner Common	2012	2012	1	2
			SU7201	Hayling Island	2015	2015	1 *	2
			SU7300	Ch Mill Rythe	2005	2012	10	2
			SU7301	Ch Gutner Point, N Hayling	2009	2011	2	2
			SU7301	Ch Gutner Pointn Hayling	2010	2010	1	0
			SU7302	Ch Gutner Point	2003	2003	1	2
			SU7302	Ch Northney	2004	2004	1	4

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Scolopax rusticola</i>	Woodcock	BOCC_Red	SU7101	Hayling Island	2013	2013	1 *	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2008	2008	1	1
<i>Spinus spinus</i>	Siskin	CI	SU7300	Ch Mill Rythe	2009	2009	1	1
<i>Sterna hirundo</i>	Common Tern	EU_Bird_1 CR	SU7101	Hayling Island	2010	2010	1	0
			SU7102	Lh Hayling Oysterbeds	2007	2007	3	15
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2012	2	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	14 *	79
			SU735017	Ch East/Mid Hayling	2014	2015	2 *	1
<i>Sterna paradisaea</i>	Arctic Tern	EU_Bird_1	SU7300	Ch Mill Rythe	2009	2009	1	4
<i>Sterna sandvicensis</i>	Sandwich Tern	EU_Bird_1 CR	SU7101	Ch Chichester Harbour	2004	2004	1	1
			SU7101	Hayling Island	2010	2010	1	0
			SU7101	Lh West Hayling Shore	2003	2008	2	1
			SU7102	Lh Langstone Harbour	1994	2010	4	2
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2012	3	12
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	8 *	8
			SU7201	Ch Mill Rithe	2013	2013	1 *	1
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	4
			SU7301	Ch Mill Rythe	2007	2010	3	1
			SU7302	Ch Gutner Point, N Hayling	2012	2012	1	1
			SU7302	Lh Langstone Harbour	2004	2004	1	1
			SU735017	Ch East/mid Hayling	2007	2009	4	2

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch East/Mid Hayling	2013	2014	3 *	4
<i>Sternula albifrons</i>	Little Tern	EU_Bird_1 HBAP WCA_s1s1 CR	SU7101	Lh West Hayling Shore	2003	2003	1	1
			SU7102	Lh Hayling Oysterbeds	2007	2007	3	14
			SU7102	Lh West Hayling Lnr (oysterbeds)	2009	2010	3	20
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2013	2 *	4
<i>Streptopelia turtur</i>	Turtle Dove	BOCC_Red HBAP NERC_s41	SU7101	Lh West Hayling Shore	1993	2006	14	2
			SU7102	Lh West Hayling Shore	1994	2001	8	5
<i>Sturnus vulgaris</i>	Starling	BOCC_Red	SU7200	Hayling Island	2011	2011	1	1
			SU7200	Ch Mill Rithe	2014	2014	1 *	220
			SU7202	Ch Northney	2011	2011	2	10
			SU7301	Ch Gutner Point	2003	2003	1	1
<i>Sylvia undata</i>	Dartford Warbler	EU_Bird_1 HBAP WCA_s1s1 CI	SU7101	Hayling Island	2010	2010	3	0
<i>Tadorna ferruginea</i>	Ruddy Shelduck	EU_Bird_1	SU7201	Hayling Island	2010	2010	2	0
			SU7301	Hayling Island	2010	2010	1	0
<i>Tadorna tadorna</i>	Shelduck	CI	SU7101	Lh West Hayling Shore	2001	2006	11	126
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7301	Ch Gutner Point	2006	2006	1	102
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	20
			SU735017	Ch East/mid Hayling	2007	2009	20	171

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	2 *	42
			SU735017	Ch East/Mid Hayling	2013	2015	26 *	95
<i>Tringa glareola</i>	Wood Sandpiper	EU_Bird_1 WCA_s1s1	SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	2 *	1
<i>Tringa nebularia</i>	Greenshank	WCA_s1s1	SU7102	Lh Hayling Oysterbeds	2007	2007	1	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2012	7	1
			SU7102	Lh West Hayling Shore	2009	2009	1	1
			SU7102	Hayling Island	2015	2015	1 *	1
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2015	14 *	2
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	1
			SU7202	Ch Northney	2013	2013	1 *	1
			SU7300	Ch Mill Rythe	2005	2012	3	2
			SU7301	Ch Chichester Harbour	2004	2004	1	1
			SU7301	Ch East/mid Hayling	2012	2012	1	1
			SU7301	Ch Gutner Point, N Hayling	2008	2012	2	1
			SU7301	Ch Mill Rythe	2008	2009	3	1
			SU7301	Ch Mill Rithe	2013	2013	2 *	1
			SU734019	Ch Gutner Point, N Hayling	2007	2007	1	1
			SU735014	Ch Gutner Pointn Hayling	2010	2010	1	0
			SU735017	Ch East/mid Hayling	2007	2009	2	1
			SU735017	Ch East/Mid Hayling	2013	2015	10 *	5

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Tringa ochropus</i>	Green Sandpiper	WCA_s1s1	SU7101	Hayling Island	2010	2010	1	0
			SU7300	Ch Chichester Hbr Hampshire Sectors	2007	2007	2	1
<i>Tringa totanus</i>	Redshank	HBAP	SU7101	Lh West Hayling Shore	2001	2006	9	98
			SU7102	Lh Hayling Oysterbeds	2007	2007	5	120
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7102	Lh West Hayling LNR (Oysterbeds)	2013	2014	3 *	217
			SU7201	Ch Mill Rythe	2006	2006	1	116
			SU7201	Ch Verner Common	2005	2005	10	219
			SU7300	Ch Mill Rythe	2007	2007	1	1
			SU7301	Ch Gutner Point, N Hayling	2008	2008	1	10
			SU7301	Ch Mill Rythe	2008	2008	1	125
			SU7301	Ch Mill Rithe	2013	2013	3 *	115
			SU7302	Ch Gutner Point	2005	2005	6	196
			SU735017	Ch East/mid Hayling	2007	2009	18	220
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	1 *	8
			SU735017	Ch East/Mid Hayling	2013	2015	31 *	250
<i>Turdus iliacus</i>	Redwing	BOCC_Red WCA_s1s1	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Lh West Lane - Hayling	1994	2010	3	70
			SU7101	North Hayling	2013	2013	1 *	50
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2011	2	7
			SU7102	Lh West Hayling Shore	2006	2007	2	35

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7102	Stoke Hayling Island	2003	2003	1	100
			SU7102	Lh West Lane - Hayling	2015	2015	2 *	50
			SU7302	Ch Gutner Point	2001	2001	1	20
<i>Turdus philomelos</i>	Song Thrush	BOCC_Red HBAP	SU7200	Hayling Island	2011	2011	1	1
<i>Turdus pilaris</i>	Fieldfare	BOCC_Red WCA_s1s1	SU7101	Hayling Island	2013	2013	2 *	3000
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	2	0
			SU7102	Lh West Hayling Shore	2007	2007	2	4
			SU7102	Lh West Lane - Hayling	2015	2015	1 *	2
			SU7201	Ch Verner Common	2002	2002	1	8
			SU7202	Northwood Farm Hayling Island	2007	2008	3	13
<i>Turdus torquatus</i>	Ring Ouzel	BOCC_Red NERC_s41	SU7101	Hayling Island	2010	2010	1	0
			SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Lh West Hayling Shore	2004	2004	1	1
			SU7201	Hayling Island	2010	2010	1	0
			SU7300	Ch Mill Rythe	2009	2010	3	1
<i>Turdus viscivorus</i>	Mistle Thrush	BOCC_Red	SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0
			SU7200	Hayling Island	2011	2011	1	0
<i>Tyto alba</i>	Barn Owl	WCA_s1s1	SU7101	Lh West Hayling Shore	2006	2006	2	1
			SU7101	Lh West Lane - Hayling	2006	2006	2	1
			SU7102	Lh West Hayling Lnr (oysterbeds)	2010	2010	1	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU7200	Ch Mill Rythe	2008	2008	1	1
			SU7202	Northwood Farm Hayling Island	2007	2007	1	1
			SU7300	Ch East/mid Hayling	2008	2008	1	1
			SU7300	Ch Mill Rythe	2006	2008	2	1
			SU7302	Ch East/mid Hayling	2010	2010	1	0
			SU7302	Ch Tyehayling Island	2010	2010	1	0
			SU7302	Hayling Island	2007	2007	1	1
			SU735019	Ch Gutner Point, N Hayling	2007	2007	1	1
<i>Vanellus vanellus</i>	Lapwing	BOCC_Red HBAP NERC_s41	SU7101	Hayling South Hayling	2010	2010	1	0
			SU7101	Lh West Hayling Shore	2001	2006	4	80
			SU7101	Lh West Lane - Hayling	2003	2007	8	251
			SU7102	Lh West Hayling LNR (Oysterbeds)	2015	2015	1 *	1
			SU7201	Ch Verner Common	1999	2005	15	616
			SU7300	Ch Mill Rythe	2007	2007	1	1
			SU7301	Ch East Hayling	1994	2005	4	382
			SU7301	Ch Gutner Point, N Hayling	2008	2008	2	250
			SU7301	Ch Mill Rythe	2008	2008	2	154
			SU7302	Ch Gutner Point	1996	2005	7	200
			SU735017	Ch East/mid Hayling	2007	2009	20	420
			SU735017	Ch Chi Harbour Sussex & Hants	2013	2013	1 *	47
			SU735017	Ch East/Mid Hayling	2013	2015	26 *	500

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
Higher plants - Flowering Plants								
<i>Anacamptis morio</i>	Green-winged Orchid	IUCN_EN_2014:VU, IUCN_GB_2001:NT HBAP	SU727017	Yacht Haven, Tye	2012	2012	1	30
			SU727017	Yachthaven, Hayling Island	2012	2012	1	0
			SU730018	Tye, Hayling Island	1990	2009	2	800
			SU731018	Tye, Hayling Island	1990	2009	2	50
			SU732018	Tye, Hayling Island	1990	2009	2	1200
			SU732018	Langness	2014	2014	1 *	0
			SU732019	Tye, Hayling Island	1990	2009	2	150
			SU73260187	Garden South Of Tye, Hayling Island	2006	2006	1	0
			SU73280183	Garden South Of Tye, Hayling Island	2006	2006	1	0
<i>Bromus racemosus</i>	Smooth Brome	CS	SU728018	Yacht Haven, Tye	2012	2012	1	0
			SU734019	Gutner Lnr Meadow	2010	2010	1	0
<i>Carex divisa</i>	Divided Sedge	IUCN_GB_2001:VU NS HBAP NERC_s41	SU727017	Yacht Haven, Tye	2012	2012	1	0
			SU735027	Chichester Road Meadow	1997	2012	2 *	0
<i>Cichorium intybus</i>	Chicory	IUCN_EN_2014:VU	SU727009	Pound Marsh	1997	1997	1	1
			SU727011	Verner Common	1997	1997	1	1
<i>Festuca rubra subsp. juncea</i>	Red Fescue	CS	SU734017	Gutner Peninsula	2012	2012	1	0
<i>Festuca rubra subsp. litoralis</i>	Red Fescue	CS	SU735017	Gutner Point	2012	2012	1	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Frankenia laevis</i>	Sea-heath	IUCN_EN_2014:NT, IUCN_GB_2001:NT NS CR	SU734016	Gutner Saltmarsh	2001	2001	1	1
			SU734017	Gutner Peninsula	2000	2011	2	1
			SU734017	Gutner Point	2003	2014	2 *	0
			SU73420168	Gutner Saltmarsh	2003	2003	1	1
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
<i>Genista tinctoria</i>	Dyer's Greenweed	IUCN_EN_2014:VU	SU727018	Yachthaven Meadow	2002	2002	1	0
			SU728018	Yacht Haven, Tye	2012	2012	2	0
			SU728018	Yachthaven, Hayling Island	2012	2012	1	0
			SU735027	Chichester Road Meadow	1997	2012	2	0
<i>Inula crithmoides</i>	Golden-samphire	NS HBAP CS	SU726017	Tye, Hayling Island	2009	2009	1	7
			SU727017	Tye, Hayling Island	2009	2009	1	0
			SU727017	Yacht Haven, Tye	2011	2011	1	0
			SU727017	Saltmarsh adjacent to Yachthaven Meadow	2002	2002	1 *	0
			SU728017	Tye, Hayling Island	1989	2009	2	0
			SU729017	Tye, Hayling Island	2009	2009	1	0
			SU729018	Tye, Hayling Island	2009	2009	1	0
			SU729018	Verner Common	1997	1997	1	1
			SU729018	Yacht Haven, Tye	2012	2012	1	0
			SU729018	Yachthaven Works Site	2002	2002	1 *	0
			SU730017	Tye, Hayling Island	2009	2009	1	4

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU730018	Tye, Hayling Island	2009	2009	1	7
			SU731018	Tye, Hayling Island	2009	2009	1	0
			SU732018	Tye, Hayling Island	1989	2009	2	6
			SU734017	Gutner Peninsula	2000	2000	1	1
			SU734017	Gutner Point	2014	2014	1 *	0
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
			SU735018	Gutner Lnr Saltmarsh	2010	2010	1	0
			SU735019	Bugg's Meadow	1997	1997	1 *	0
<i>Limonium humile</i>	Lax-flowered Sea-lavender	NS CS	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU727017	Yacht Haven, Tye	2011	2012	2	0
			SU727017	Saltmarsh adjacent to Yachthaven Meadow	2002	2002	1	0
			SU734017	Gutner Peninsula	2000	2000	1	1
			SU734017	Gutner Point	2003	2014	2	0
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
			SU735016	Nr Slipways	1997	1997	1	1
			SU735018	Gutner Lnr Saltmarsh	2010	2010	1	0
			SU735019	Bugg's Meadow	1997	1997	1	0
			SU734017	Gutner Point	2014	2014	1	0
			SU735019	Gutner Lnr Back Of Saltmarsh	2012	2012	1	0
<i>Oenanthe lachenalii</i>	Parsley Water-dropwort	IUCN_EN_2014:NT CS						
<i>Poa infirma</i>	Early Meadow-	NS	SU726017	Saltmarsh Path, Fleet	2000	2000	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
	grass	CS	SU728017	Yacht Haven, Tye	2011	2011	1	0
			SU728018	Tye, Hayling Island	2011	2011	1	0
			SU729017	Tye, Hayling Island	2011	2011	1	0
			SU730017	Tye, Hayling Island	2011	2011	1	0
			SU732018	Tye, Hayling Island	2011	2011	1	12
<i>Sagina maritima</i>	Sea Pearlwort	CS	SU729018	Yacht Haven, Tye	2012	2012	1	0
			SU735019	Bugg's Meadow	1997	1997	1 *	0
<i>Salicornia dolichostachya</i>	Long-spiked Glasswort	CS	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU7301	Gutner Saltmarsh	1995	2011	3	1
<i>Salicornia europaea</i>	Common Glasswort	CS	SU7301	Gutner Saltmarsh	1995	2011	3	1
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
<i>Salicornia fragilis</i>	Yellow Glasswort	NS CS	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU7301	Gutner Saltmarsh	1995	2011	3	1
<i>Salicornia nitens</i>	Shiny Glasswort	IUCN_EN_2014:DD, IUCN_GB_2001:DD NS CR	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU7301	Gutner Saltmarsh	1995	2011	2	1
<i>Salicornia obscura</i>	Glaucous Glasswort	IUCN_EN_2014:DD, IUCN_GB_2001:DD NR CR	SU735016	Nr Slipways	2011	2011	1	0
<i>Salicornia pusilla</i>	One-flowered Glasswort	NS HBAP CS	SU7301	Gutner Saltmarsh	1995	2011	3	1
			SU734017	Gutner Peninsula	2000	2000	1	1
			SU735015	Gutner Peninsula, Hayling Island	1986	2000	2	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735018	Gutner Lnr Saltmatsh	2010	2010	1	0
			SU735018	Gutner Point, Hayling Island	2010	2010	1	0
<i>Salicornia pusilla x ramosissima</i>	Glasswort	CR	SU7301	Gutner Saltmarsh	1995	2011	3	1
			SU735018	Gutner Lnr Saltmatsh	2010	2010	1	0
<i>Salicornia ramosissima</i>	Purple Glasswort	CS	SU7301	Gutner Saltmarsh	1995	2011	3	1
			SU734017	Gutner Peninsula	2000	2000	1	1
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
			SU735018	Gutner Lnr Saltmatsh	2010	2010	1	0
<i>Samolus valerandi</i>	Brookweed	CS	SU735027	Chichester Road Meadow	2012	2012	1 *	0
<i>Sarcocornia perennis</i>	Perennial Glasswort	NS CS	SU729017	Yacht Haven, Tye	2012	2012	1	0
			SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU7301	Gutner Saltmarsh	1995	2001	2	1
			SU735015	Gutner Peninsula, Hayling Island	1986	2000	3	0
<i>Senecio aquaticus</i>	Marsh Ragwort	IUCN_EN_2014:NT	SU729018	Verner Common	1997	1997	1	1
<i>Seriphidium maritimum</i>	Sea Wormwood	IUCN_EN_2014:NT CS	SU727017	Saltmarsh adjacent to Yachthaven Meadow	2002	2002	1 *	0
			SU729018	Yachthaven Works Site	2002	2002	1 *	0
			SU7301	Gutner Saltmarsh	1995	2011	2	1
<i>Spartina maritima x alterniflora</i> = <i>S. x townsendii</i>	Townsend's Cord-grass	CS	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
<i>Spiranthes spiralis</i>	Autumn Lady's-	IUCN_EN_2014:NT,	SU721017	Verner Common	1997	1997	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
	tresses	IUCN_GB_2001:NT	SU732018	Langness	2014	2014	1 *	0
<i>Trifolium fragiferum</i>	Strawberry Clover	IUCN_EN_2014:VU	SU728018	Yacht Haven, Tye	2012	2012	2	0
			SU7301	Gutner Point Nr	2011	2011	1	0
			SU734017	Gutner Point	2003	2014	2 *	0
			SU734018	Gutner Lnr Meadow	2010	2010	1	0
			SU735019	Gutner Lnr Back Of Saltmarsh	2010	2010	1	0
			SU735019	Bugg's Meadow	1997	1997	1 *	0
			SU735020	Bugg's Meadow (North)	2014	2014	1	0
			SU735027	Chichester Road Meadow	1997	1997	1 *	0
<i>Viola tricolor</i>	Wild Pansy	IUCN_EN_2014:NT, IUCN_GB_2001:NT CS	SU733018	Nr Slipways	1998	1998	1	1
<i>Zostera (Zostera) marina</i>	Eelgrass	IUCN_EN_2014:VU, IUCN_GB_2001:NT HBAP CS	SU7300	Tourner Bury Marsh, Hayling Island	2010	2010	1	0
			SU7301	Chichester Harbour, Gutner	2001	2001	1	0
			SU734017	Gutner Peninsula	2000	2000	1	1
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
<i>Zostera (Zosterella) noltei</i>	Dwarf Eelgrass	IUCN_GB_2001:VU NS HBAP CS	SU7101	Rod Rithe Area	2004	2004	1	0
			SU7200	Chichester Hbr	1979	2008	2	1
			SU7201	Hayling Island	2008	2008	1	0
			SU7300	Dip Rithe Area	2008	2008	1	0
			SU7301	Chichester Harbour, Gutner	2001	2008	2	0
			SU7301	Gutner Peninsula, Hayling Island	2000	2000	1	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
			SU735015	Gutner Peninsula, Hayling Island	2000	2000	1	0
Invertebrates - Hymenoptera								
<i>Osmia (Neosmia) bicolor</i>	Two-coloured Mason Bee	NS	SU731024	Lyscombe Hill	2011	2011	1 *	0
Invertebrates - Lepidoptera								
<i>Acronicta rumicis</i>	Knot Grass	NERC_s41	SU7102	Stoke, Hayling	2002	2002	1	1
<i>Agdistis bennetii</i>	Saltmarsh Plume	CR	SU7301	Gutner Point, Hayling	1992	2004	4	1
<i>Argynnis paphia</i>	Silver-washed Fritillary	HBAP CI	SU7101	South Hayling Cycle Path	2014	2014	1	1
<i>Aristotelia brizella</i>	Thrift Neb	NS	SU7301	Gutner Point, Hayling	2004	2012	2	2
<i>Aspitates ochrearia</i>	Yellow Belle	CS	SU7102	Stoke, Hayling	2001	2001	1	1
<i>Cochylis molliculana</i>	Ox-tongue Conch	CS	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Coleophora atriplicis</i>	Saltmarsh Case-bearer	CR	SU7102	Stoke, Hayling	2002	2002	1	0
			SU7301	Gutner Point, Hayling	1984	2011	4	1
<i>Coleophora limoniella</i>	Silver-streaked Case-bearer	CR	SU7301	Gutner Point, Hayling	1996	2012	6	1
<i>Coleophora limosipennella</i>	Dark Elm Case-bearer	CR	SU7102	Stoke, Hayling	2001	2001	1	0
<i>Coleophora maritimella</i>	Sea-rush Case-bearer	CR	SU7301	Gutner Point, Hayling	2004	2004	1	0
<i>Coleophora salicorniae</i>	Glasswort Case-bearer	CR	SU7101	Stoke, Hayling	2001	2001	1	0
			SU7102	Stoke, Hayling	2002	2003	2	2
			SU7301	Gutner Point, Hayling	1996	2011	6	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Coleophora salinella</i>	Sea-purslane Case-bearer	CR	SU7101	Stoke, Hayling	2001	2001	1	0
			SU7102	Stoke, Hayling	2002	2003	2	1
			SU7301	Gutner Point, Hayling	1997	2002	2	0
<i>Coleophora vibicella</i>	Large Gold Case-bearer	NERC_s41	SU7102	Hayling Billy	2011	2012	2	203
			SU7102	Stoke, Hayling	1997	2014	6	1
<i>Cosmopterix scribaiella</i>	New Marsh Cosmet	CS	SU7101	Stoke, Hayling	2001	2001	1	0
			SU7102	Stoke, Hayling	2002	2003	2	0
<i>Ectoedemia louisella</i>	Maple-seed Pigmy	CR	SU7301	Gutner Point, Hayling	2004	2004	1	1
<i>Elachista scirpi</i>	Saltern Dwarf	CR	SU7102	Stoke, Hayling	2010	2010	1	9
<i>Epiblema cirsiaria</i>	Knapweed Bell	CR	SU7102	Stoke, Hayling	2001	2001	1	0
<i>Epirrhoe galiata</i>	Galium Carpet	NERC_s41 CS	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Eucosma tripoliana</i>	Saltmarsh Bell	CR	SU7102	Stoke, Hayling	2000	2003	2	1
<i>Gynnidomorpha vectisana</i>	Small Saltern Conch	CR	SU7102	Stoke, Hayling	2003	2003	1	1
			SU7301	Gutner Point, Hayling	2004	2004	1	1
<i>Gypsonoma aceriana</i>	Rosy Cloaked Shoot	CR	SU7301	Gutner Point, Hayling	2012	2012	1	1
<i>Hydraecia micacea</i>	Rosy Rustic	NERC_s41	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Mirificarma lentiginosella</i>	Greenweed Groundling	NN	SU7102	Stoke, Hayling	1999	2014	6	2
<i>Monochroa moyses</i>	Coast Neb	NN	SU7102	Stoke, Hayling	2000	2002	2	0
<i>Monochroa palustrellus</i>	Wainscot Neb	NS	SU7102	Stoke, Hayling	2003	2003	1	1

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Panemeria tenebrata</i>	Small Yellow Underwing	CS	SU7102	Stoke, Hayling	2001	2001	1	2
<i>Perizoma bifaciata</i>	Barred Rivulet	CS	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Phycitodes saxicola</i>	Small Clouded Knot-horn	CR	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Phyllocnistis xenia</i>	Kent Bent-wing	IUCN_GB_pre94:VU	SU7301	Gutner Point, Hayling	2004	2011	3	0
<i>Polyommatus coridon</i>	Chalk Hill Blue	IUCN_GB_2001:NT HBAP CS	SU7200	Hayling Island	2009	2009	1	2
<i>Scrobipalpa ocellatella</i>	Beet Moth	NN	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Sitochroa palealis</i>	Sulphur Pearl	NN	SU7102	Stoke, Hayling	2003	2003	1	1
			SU731028	St Peter's Road Northney H I	2005	2005	1	1
<i>Stenolechia gemmella</i>	Black-dotted Groundling	CR	SU7102	Stoke, Hayling	2003	2003	1	1
<i>Stenoptilia zophodactylus</i>	Dowdy Plume	CR	SU7102	Stoke, Hayling	2002	2002	1	1
<i>Timandra comae</i>	Blood-Vein	NERC_s41	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Tyria jacobaeae</i>	Cinnabar	NERC_s41	SU7301	Gutner Point, Hayling	2004	2012	2	1
<i>Watsonalla binaria</i>	Oak Hook-tip	NERC_s41	SU7102	Stoke, Hayling	2003	2003	1	0
<i>Ypsolopha horridella</i>	Dark Smudge	CR	SU7102	Stoke, Hayling	2003	2003	1	0
Mammals - Terrestrial (bats)								
<i>Chiroptera</i>	Bat species	WCA_s5s94b WCA_s5s94c HabReg_s2	SU722016	Sensitive	2013	2013	1	100
			SU723018	Sensitive	1996	1996	1	0

Taxon Name	Common Name	Status	Grid Ref.	Location	First Year	Last Year	No. of Records	Max Count
<i>Pipistrellus</i>	Pipistrelle Bat species	WCA_s5s94b WCA_s5s94c HabReg_s2	SU721016	Sensitive	2013	2013	1	1
			SU721017	Sensitive	2013	2013	1	1
			SU723018	Sensitive	2013	2013	1	1
			SU732022	Sensitive	2002	2002	1	8
			SU734023	Sensitive	1995	1995	1	67
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	EU_Hab_4 NERC_s41 WCA_s5s94b WCA_s5s94c HabReg_s2	SU721016	Sensitive	2013	2013	1	1
			SU722016	Sensitive	2013	2013	1	3
			SU733018	Sensitive	2004	2004	1	227

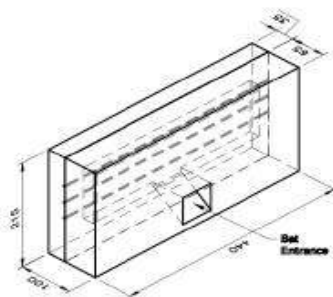
Appendix E. Design of Enhancement Features.



Product Information – Bat Box



- The Forticrete Bat Box has been developed to be used in new build construction or renovation work where there is a requirement to provide a habitat for Pipistrelle bats.
- The box is made of a conventional cast stone front face but is backed with high grade plywood which is sawn and roughened internally to provide a haven for bats.
- The Bat Box is maintenance free due to the bottom entrance.
- The Bat Box illustrated is available from Forticrete's 'Stone in Stock' range although bespoke boxes can be designed and made for any application.



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You can also visit our website at
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 **Forticrete** stone
Confidence you can build on.

Schwegler 1FR Bat Tube

This long box can be installed within brick masonry, beneath plasterwork or wood panelling, or incorporated into concrete structures such as factory buildings or bridges. Inside it contains a woodcrete surface, a roughened wood board, and a metal mesh, providing a choice of roosting areas depending on the weather conditions and the bats' habits. This box is maintenance-free as the entrance slit is at the bottom, allowing for self-cleaning. No painting required, but if painting is necessary a natural breathable paint should be used

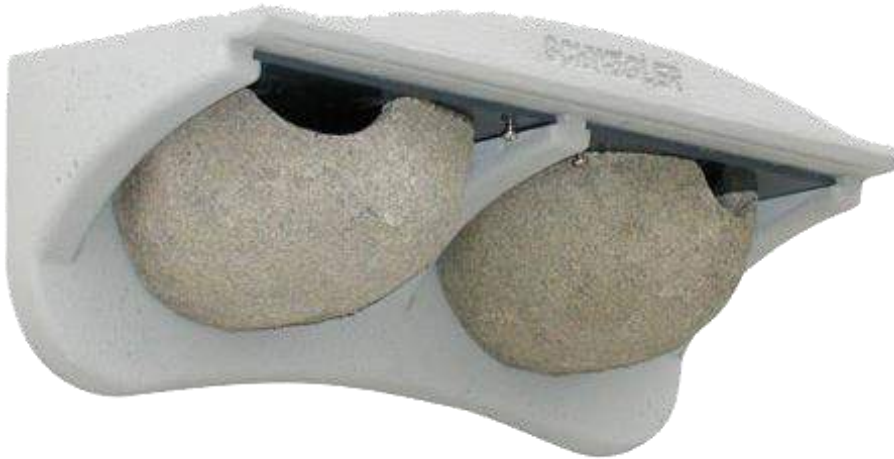
Woodcrete (75% wood sawdust, concrete and clay mixture)

Width 20cm, Height 47.5cm, Depth 12.5cm

Entrance width 15cm, Entrance depth 2cm



No. 11 Schwegler House Martin Terrace



1SP Schwegler Sparrow Terrace



Appendix F) Native trees of benefit to wildlife.

Trees

Alder	<i>Alnus glutinosa</i>	
Aspen	<i>Populus tremula</i>	
Beech	<i>Fagus sylvatica</i>	
Bird cherry	<i>Prunus padus</i>	
Blackthorn	<i>Prunus spinosa</i>	
Crab apple	<i>Malus sylvestris</i>	
Downy birch	<i>Betula pubescens</i>	
Elm	<i>Ulmus sp.</i>	
European larch	<i>Larix decidua</i>	
Field Maple	<i>Acer campestre</i>	
Goat willow	<i>Salix caprea</i>	
Hawthorne	<i>Crataegus monogyna</i>	
Hazel	<i>Corylus avellana</i>	
Holly	<i>Ilex aquifolium</i>	
Hornbeam	<i>Carpinus betulus</i>	Shade
Lime, common	<i>Tilia x europaea</i>	
Sweet Gum	<i>Liquidamber styraciflua</i>	
Juniper	<i>Juniperus communis</i>	
Oak	<i>Quercus robur</i>	
Rowan	<i>Sorbus aucuparia</i>	
Silver birch	<i>Betula pendula</i>	
Wayfaring tree	<i>Viburnum lantana</i>	
Whitebeam	<i>Sorbus aria</i>	
Wild Cherry	<i>Prunus avium</i>	
Wild Service-tree	<i>Sorbus torminalis</i>	
Yew	<i>Taxus baccata</i>	

Shrubs/Hedges

Blackthorn	<i>Prunus spinosa</i>
Buckthorn	<i>Frangula alnus</i>
Dog rose	<i>Rosa Canina</i>
Dogwood	<i>Cornus sanguinea</i>
Elder	<i>Sambucus nigra</i>
Field Maple	<i>Acer campestre</i>
Goat willow	<i>Salix caprea</i>
Guelder-rose	<i>Viburnum Opulus</i>
Hawthorne	<i>Crataegus monogyna</i>
Hazel	<i>Corylus avellana</i>
Ivy	<i>Hedera helix</i>

Privet	<i>Ligustrum Ovalifolium</i>
Privet	<i>Ligustrum Vulgare</i>
Spindle	<i>Euonymus europaea</i>

Plant species suitable for wildlife habitat enhancement.

Buddleja	<i>Buddleja cultivars</i>	
Caryopteris X clandonensis 'Kew Blue'	<i>Caryopteris</i>	
Ceanothus X 'Gloire de Versailles	<i>Ceanothus</i>	
Corsican Heath	<i>Erica terminalis</i>	
Cotoneaster	<i>Cotoneaster horizontalis</i>	
Eupatorium ligustrinum	<i>Eupatorium ligustrinum</i>	
European Myrtle	<i>Myrtus communis</i>	
Fig Leafed Palm	<i>Fatsia japonica</i>	Shade
Firethorn	<i>Pyracantha rogersiana</i>	
Flowering Currant	<i>Ribes sanguineum</i>	
Hebe X 'Great Orme' and H. X 'Midsummer Beauty'	<i>Hebe</i>	
Lilac	<i>Lilac</i>	
Mahonia	<i>Mahonia japonica</i>	Shade
Osmanthus	<i>Osmanthus x burkwoodii</i>	Shade
Pieris	<i>Pieris japonica sp.</i>	Shade
Quince	<i>Chaenomeles speciosa</i>	
Shad Bush	<i>Amelanchier species</i>	
Skimmia	<i>Skimmia japonica</i>	
Skimmia	<i>Skimmia Japonica</i>	Shade
Sweet Box	<i>Sarcococca confusa</i>	Shade
Sweet Pepper Bush	<i>Clethra alnifolia</i>	
Viburnum	<i>Viburnum tinus</i>	Shade

Bulbs

Bluebell	<i>Hyacinthoides non-scripta</i>	Shade
Grape hyacinth	<i>Muscari botryoides</i>	
Lily of the valley	<i>Convallaria majalis</i>	Shade
Snakeshead Fritillaries	<i>Fritillaria meleagris</i>	
Snowdrop	<i>Galanthus nivalis</i>	Shade
Spring crocus	<i>Crocus chrysanthus and hybrids</i>	Shade
Wild Daffodil	<i>Narcissus pseudonarcissus lobularis</i>	Shade
Wood Anemones	<i>Anemone nemorosa</i>	Shade

Climbers

Climbing brambles
Climbing roses
Ivy
Honeysuckle
Clematis

Rubus Spp including cultivares/hybrids
Rosa canina, *Rosa arvensis*
Hedera helix Shade
Lonicera spp. Shade
Clematis Spp.

Flowers

Angelica
Bugle
Hollyhock
Yellow alyssum
Grecian windflower
Snapdragon
White arabis (single)
Thrift
Michaelmas daisy
Astilbe
Aubretia
Shrubby Hare's Ear
Perennial cornflower
Red valerian
Wallflower
Cosmos
Sweet William
Foxglove
Ferns
Purple coneflower
Globe thistle
Winter aconite
Fleabane
California poppy
Perennial sunflower
Christmas rose
Lenten rose
Candytuft
Lavender
Poached-egg plant
Sweet alyssum
Honesty

Angelica archangelica
Ajuga reptans
Althaea rosea
Alyssum saxatile
Anemone blanda
Antirrhinum majus
Arabis alpina
Armeria maritima
Aster spp.
Astilbe x arendsii 'Irrlicht' Shade
Aubretia deltoidea
Bupleurum fruticosum
Centaurea montana
Centranthus ruber
Cheiranthus cheiri
Cosmos bipinnatus
Dianthus barbatus
Digitalis Purpurea
Dryopteris affinis
Echinacea purpurea
Echinops ritro
Eranthis hyemalis
Erigeron spp.
Eschscholtzia californica
Helianthus decapetalus
Helleborus niger
Helleborus orientalis
Iberis sempervirens
Lavender
Limnanthes douglasii
Lobularia maritima
Lunaria rediviva

Sweet bergamot
Forget-me-not
Catmint
Tobacco plant
Evening primrose
Phlox
Primrose
Rosemary
Ice plant
Ice Plant
French marigold
Thyme

Monarda didyma
Myosotis spp.
Nepeta cataria
Nicotiana affinis
Oenothera biennis
Phlox paniculata
Primula vulgaris
Rosmarinus officinalis
Sedum spectabile
Sedum telephium
Tagetes spp.
Thymus polytrichus

David Leach BSc (Hons) CBiol. MSB MCIEEM. David is a professional ecologist with over thirty five years' research and fieldwork experience in many aspects of ecology and for the past ten years in environmental consultancy work.

David Leach is an experienced bat surveyor with competency in activity surveys, bat roost assessments, daytime surveys for bat field signs, assessments of trees as potential bat roosts and the production of reports providing advice on best practice, mitigation and compensation works relating to bats as may be required.

David also has experience in surveying for birds, reptiles, amphibians, barn owls and badgers and also carries out extended Phase 1 habitat surveys and BREEAM assessments.

David holds a Natural England licence to disturb bats for the purposes of science and education or conservation and has been involved in obtaining Protected Species Licences to permit development works affecting bats and also badgers.

David is a Registered Consultant under the new Low impact Bat Licence scheme and is able to register suitable sites under this scheme

David Leach BSc. (Hons), C.Biol., M.R.S.B., M.C.I.E.E.M.

Disclaimer.

All reasonable effort has been made to provide accurate information at the time of the survey. However weather conditions and the timing of surveys can affect the results. Some species or signs of that species will only be visible at certain times of the year e.g. the nesting season for birds is usually between March and September. The absence of certain species or signs of use at the time of a survey does not mean that they are not present at other times of the year and does not imply that a species might not use the site at some time in the future.

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