Tournerbury Wedding & Events Venue, Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL

Updated Ecological Impact Assessment Report

December 2020

Hampshire Ecological Services Ltd

Consultant Ecologists

[redacted]

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for the

Tournerbury Woods Estate

Reference: Tournerbury Wedding & Events Venue, Hayling Island	
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This report represents sound industry practice; reports and recommends correctly, truthfully and objectively; is appropriate given the local site conditions; scope of works proposed and resources allocated to us by the client; and avoids invalid, biased, and exaggerated statements.

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1 EXECUTIVE SUMMARY

1. This report presents the results of an Ecological Impact Assessment (EcIA) carried out by Hampshire Ecological Services Ltd for the Tournerbury Woods Estate in connection with an application of retrospective planning permission for a wedding & events venue at Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL (approximate Ordnance Survey Grid Reference SZ731996). The site location is shown in *Figures 1* and *2* in *Section 7*. This report has been updated from the previous version submitted for planning to include the results of bat surveys carried out in 2020 and the Visitor Management Strategy.

2. A Phase 1 Habitat Survey was carried out by John Wenman Ecological Consultancy LLP in 2013, followed by a National Vegetation Classification (NVC) survey in 2014. An update to the Phase 1 Habitat survey was carried out in May 2018 by the same company.

3. Hampshire Ecological Services Ltd has been engaged to undertake a number of surveys and reports on the Tournerbury Woods Estate, including a Breeding Bird survey in 2014; Heronry surveys in 2015 & 2019; a shadow Habitat Regulations Assessment report in 2020 and bat surveys in 2020.

4. The following reports contain the survey information that is summarised in this report:
   - *Tournerbury Woods Estate, Hayling Island, Hampshire. National Vegetation Classification Survey* (John Wenman Ecological consultancy LLP, 2014).
   - *Tournerbury Woods, The Tournerbury Woods Estate, Tournerbury Lane, Hampshire, PO11 9DL. Breeding Birds Survey Report* (Hampshire Ecological Services Ltd, 2015).
   - *Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL. Updated Phase 1 Habitat Survey* (John Wenman Ecological Consultancy LLP, 2018).
   - *Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL. Heronry Survey Report* (Hampshire Ecological Services Ltd, 2019).
   - *Wedding & Event Venue, Tournerbury Woods, Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire PO11 9DL. Shadow Habitat Regulations Assessment Report* (Hampshire Ecological Services Ltd, 2020).
   - *Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL. Bat Survey Report* (Hampshire Ecological Services Ltd, 2020).
   - *Wedding Guest Visitor Management Strategy* (Tournerbury Woods Estate, 2020).
   - *Tournerbury Wedding Venue. Shadow Appropriate Assessment* (Holbury Consultancy Services Ltd, 2020).

5. According to the Multi-Agency Geographic Information for the Countryside website (www.magic.gov.uk), the site lies within Chichester and Langstone Harbours SPA and Ramsar Site. Tournerbury is designated as a unit of the Chichester Harbour SSSI. In addition, the eastern part of the site lies adjacent to the Solent Maritime SAC. There are five further statutory designated sites within 2km of the site. These are listed in *Table 4.1.1.1*. There are six

locally designated sites - Sites of Importance for Nature Conservation (SINCs) - within 1km of the site. These are listed in *Table 4.1.1.2*. No impacts are anticipated on Solent Maritime SAC or Chichester and Langstone Harbours SPA and Ramsar Site.

6. As the site is within the boundary of the Chichester and Langstone Harbours SPA and Ramsar Site, a shadow HRA has been produced. This is a separate document – see *Wedding & Event Venue, Tournerbury Woods, Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire PO11 9DL. Shadow Habitat Regulations Assessment Report* (Hampshire Ecological Services Ltd, 2020). This concluded that there would be no impact on the SPA.

7. No habitat is due to be removed and therefore there will be no impact on the habitats for which Chichester Harbour SSSI has been designated. In addition, condition assessments have been regularly carried out by Natural England on the Chichester Harbour SSSI. The SSSI is divided into 45 units. The Tournerbury Woods Estate unit has been assessed as being in 'Favourable Condition' since 1997. The northern area of the Tournerbury Woods Estate, adjacent to the access track, is the only part of the estate with habitat for which the SSSI was designated for: W10 *Quercus robur–Pteridium aquilinum–Rubus fruticosus* woodland. This is outside of the footprint of the development (the wedding & events venue area). Therefore, there will be no direct impact on the vegetation of the SSSI.

8. No impacts are anticipated on the other nearby SSSIs, Sinah Common SSSI and Langstone Harbour SSSI; or the LNRs within 2km and SINCs within 1km (see *Section 4.1.1*).

9. Of the notable species recorded within 1km of the site, five are amphibians; two are reptiles; 149 are birds; 97 are vascular plants; three are non-vascular plants (liverworts, hornworts & mosses); 121 are invertebrates; nine are terrestrial mammals (including eight species of bat); and two are marine mammals. A full list of notable species with details of their respective protection and/or designations is provided in *Appendix B*.

10. Tournerbury Wood is a mixture of semi-natural broad-leaved woodland within Saxon earthworks (subsequently referred to as The Bury) with adjoining broad-leaved plantation woodland and secondary woodland (Tournerbury plantation) established on former open ground in the late 19th Century. There is a small area of improved grassland within the woodland. In the south eastern corner of the site the woodland habitats open out into amenity grassland around Woods Cottage. There is a patch of species-poor semi-improved grassland to the west of the cottage that has been heavily grazed by rabbits. Further to the south-west, the woodland opens out into a small area of saltmarsh. Scattered scrub has established along the south eastern edge of the site. The following habitats are present on site:
    - semi-natural broad-leaved woodland;
    - broad-leaved plantation woodland;
    - conifer plantation;
    - amenity grassland;
    - improved grassland;
    - species-poor semi-improved grassland;

- scrub; and
- saltmarsh.

11. A Phase 1 Habitat Map showing the location of the various habitats is given in *Figure 3* in *Section 7*). Plant species recorded from the site (along with relative abundance) are tabulated in the Phase 1 Habitat Survey report with further species lists in the NVC report (John Wenman Ecological consultancy LLP, 2014 & 2018).

12. A *Rhododendron* species (Rhododendron) was originally planted on the western edge of the plantation and along the southern access road to woods cottage. It has expanded its range in that area slightly and is being actively managed by the landowner. No other plant species listed on *Schedules 8* or *9* of the *Wildlife and Countryside Act 1981* were recorded on the site.

13. The majority of the habitats and plant species observed are widespread and common. The habitats are of no particular nature conservation value from a botanical perspective. The exception is the woodland of The Bury, which would be impossible to recreate once felled. In addition, deciduous woodland is classified as a UK Priority Habitat – a habitat of conservation importance under the *NERC Act 2006*. Some of the habitats have value from the perspective of the species they support *e.g.* the saltmarsh that contributes to the wider habitat of Chichester harbour that is used by overwintering birds.

14. As all the habitat on site will be retained under the proposals, there is no impact on the habitat or the plant species that they contain. As such there is no need for mitigation or compensation measures.

15. There is suitable habitat for roosting, commuting and foraging bats (woodland, scrub and grassland). The woodland, ponds and Chichester Harbour all provide good habitat, and there are good connections into the wider landscape. In addition, there are records for the following bats within 1km of the site: common pipistrelle, soprano pipistrelle, brown long-eared bat, serotine, noctule, Leisler's bat, Daubenton's bat, whiskered/ Brandt's bat and *Myotis* species.

16. Bat surveys carried out during 2020 confirmed the presence of a non-breeding day roost for low numbers of common pipistrelles and soprano pipistrelles in Woods Cottage. No works are planned to Woods Cottage and it remains unaffected by the proposals.

17. Bat activity transects were carried out in 2020. Edge or transitional habitats around the site are the location for the majority of the bat foraging and commuting activity including the edges of woodland, shoreline, openings in the canopy, rides/ tracks and grassland. During the activity transects, these areas generally experienced very low levels of disturbance from the wedding venue (area to the north of Woods Cottage in the south-east corner of the site) in regards to light pollution. However, lighting will have been present on site throughout its use as a venue and holiday cottage for the last 20+ years, particularly near Woods Cottage.

18. Lighting, especially increased lighting, can affect commuting, foraging and roosting bats. However, lighting will have been present on site throughout its use, particularly as a residential dwelling. Lighting has increased slightly during the sites' use as a wedding and events location, although this has been minimised as much as possible.

19. Any new external lighting should avoid spillage of greater than 1 lux onto the trees and woodland. The use of non-UV LED lighting (preferably using warm spectrum wavelengths) is strongly recommended to avoid the most deleterious impacts of lighting on biodiversity and bats in particular. Where lighting is necessary, downlighting/ hoods or similar devices should be used to allow the light to be directed onto where it is needed and avoid any light spill into the adjacent woodland. Alternatively, low-level lighting could be used instead.

20. The site will be enhanced for bats through the provision of bat boxes, especially in the plantation woodland where the younger trees mean that there are likely to be fewer trees with bat roost suitability.

21. The woodland provides suitable habitat for nesting, foraging and hibernating dormice. The woodland and scrub contain a mixture of plants producing flowers and berries, and plants producing nuts. This mixture of different species provides food sources throughout the year and as such provides good foraging habitat. However, there are no records of dormice within 1km of the site and the suitable habitat will be unaffected by the proposals. Therefore, there should be no impact on dormice should they be present.

22. There are several small woodland ponds within the South Wood as well as a large pond at the centre of the site (the duck pond). The smaller ponds were mostly dried out at the time of the Phase 1 Habitat Survey (John Wenman Ecological Consultancy LLP, 2018) and the duck pond was heavily used and disturbed by large numbers of waterfowl.

23. The footprint of the development is sub-optimal terrestrial habitat for great crested newts due to its close mown amenity grassland providing no cover and hence a risk of predation. As the ponds are all to be retained and no terrestrial habitat is to be removed, there should be no impact on great crested newts, should they prove to be present.

24. There are no streams or rivers on the site. Although water voles can be found in brackish habitats they are uncommon in estuarine or saltmarsh habitats except where there are relatively stable reed-fringed lagoons. There are no records for water vole within 1km of the site. In addition, there is no suitable water vole habitat within the development footprint. Therefore, it is unlikely that water voles are present on site.

25. The proximity of the site to Mengham Rythe and Chichester Harbour, where otters are known to be present, makes it likely that otters will either cross the site or move along its boundaries. Therefore, it cannot be ruled out that otters would cross the site. However, they would be unlikely to cross the area of the development footprint, especially during an event. There is no

impediment to otters crossing any part the site at any time. As such there should be negligible impact on otters.

26. During the Phase 1 Habitat Survey (John Wenman Ecological Consultancy LLP, 2018), a pathway through the wood and 3-4 mammal burrow entrances were found within the earthworks of the former hill fort (The Bury). This is outside of the development footprint and as such will not be affected.

27. It is possible that badgers may forage on the amenity grassland within the development footprint. However, there are alternative foraging areas close by that the badgers could use if an event is taking place *e.g.* the improved grassland within the plantation woodland, and the horse-grazed paddocks adjacent to the site. In addition, there are no badger records from the estate so the status is unknown. Therefore, there should be negligible impact on badgers.

28. All the woodland, scrub, shrubs and trees on the site have the potential to support nesting birds during the breeding season.

29. The breeding bird survey (Hampshire Ecological Services Ltd, 2015) identified the value of the site to birds as relatively low with only small numbers of the more common woodland birds being recorded. The majority of the species assemblage is typical of lowland woodland, but with a low number (in both species count and number of birds) of wetland species (*e.g.* grey heron, little egret and moorhen) recorded. With the exception of moorhen, this is almost certainly due to the presence of trees suitable for nesting and roosting combined with the coastal location of the woodland, rather than the site offering large areas of suitable wetland foraging habitat.

30. The habitat at the site is fairly uniform in value for birds with no notable difference in species composition or assemblage across the site. The species recorded on site are typical of the main habitats available, which is characterised by species of woodland, but with a few wetland/coastal species also recorded.

31. Due to the presence of seven amber list species and two red list species recorded occurring at the site in locally sustainable populations the site is classed as having 'Local Nature Conservation Value' for birds. However, it should be noted that no significant numbers or flocks of notable species were recorded during the surveys and all species occurring on site are either common or fairly common within Hampshire and the surrounding area.

32. No vegetation is to be removed and as such there should be minimal impact on nesting birds. The only potential impact would be that birds that may chose to nest near to or in the trees and bushes in the development footprint. Many species easily become habituated to the presence of humans and readily nest in close proximity, as such is it not anticipated that there will be a significant impact on nesting birds. However, the site will be enhanced through the provision of bird boxes. The proposed bird boxes are summarised in *Table 5.8.1.*

33. A heronry is present within the woodland to the north of the site (outside the development footprint). It has been suggested that the heronry was a qualifying feature for the inclusion of the wider Tournerbury Woods Estate in the Chichester Harbour SSSI. However, the heronry is not listed among the 30 notified features of the SSSI.

34. Hampshire Ecological Services were commissioned by the Tournerbury Woods Estate to monitor the heronry within the estate during 2015 and 2019 (Hampshire Ecological Services Ltd, 2015 & 2019). While the majority of the nests observed were occupied by grey heron (a Green List species) one nest was occupied by little egret (Amber List species). Whilst it appears the number of grey heron nests has halved since 2015, this heronry is believed to have originated from a larger colony formerly present on the nearby Thorney Island (Eyre, 2015). As a small secondary colony, it is likely to be subject to natural fluctuations in population size. In addition, the presence of a rookery in the woodland to the south-east of the heronry may discourage the heronry from becoming bigger. The number of little egret nests has remained the same since 2015. Little egret are recent colonisers to Britain, which lies at the northern limit of their European breeding range.

35. Herons and little egrets have continued breeding in the heronry despite the wedding and events traffic on the entrance track during their breeding season (April to June). Therefore, there is no impact on these species. However, following discussions with Natural England under their Discretionary Advice Service, a Vistor Management Strategy has been written. During the heron nesting season wedding guest access to the heronry area will be limited to access along the access track. Signs will be placed at either end of the heronry area of the track requesting that vehicles continue travelling along the track and do not stop due to nesting birds.

36. There is suitable foraging and hibernation habitat for widespread species of reptile (such as slow-worms) on the site. However, the majority of the development footprint is short mown amenity grassland and as such is unsuitable for reptiles due to the lack of cover and risk of predation. In addition no vegetation will be removed. Therefore, although reptiles may be present at the edges of the development footprint, they will be unaffected by the proposals.

37. Rabbits are known to be present on site and therefore it is likely their predators such as foxes are also present on or near the site. Given the habitats present it is likely that there are other small mammals present such as voles and shrews, as well as larger mammals such as deer. No vegetation is to be removed, therefore any present will be unaffected by the proposals.

38. The nature conservation importance assigned to each valued ecological receptor is listed in *Table 4.4.1.* and includes the protected species, species of nature conservation concern together with valuable habitats. The impact on each ecological receptor without mitigation is given in *Table 4.4.2.*

39. The ecological receptors that may still be impacted if present are a small number of widespread birds nesting within the development footprint. The residual impacts for habitats and species groups are summarised in Table 6.1.

2 INTRODUCTION

2.1 Purpose of this report

This report presents the results of an Update Ecological Impact Assessment (EcIA) carried out by Hampshire Ecological Services Ltd for the Tournerbury Woods Estate in connection with an application of retrospective planning permission for a wedding & events venue at Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL (approximate Ordnance Survey Grid Reference SZ731996). The site location is shown in *Figures 1* and *2* in *Section 7*. This report has been updated from the previous version submitted for planning to include the results of bat surveys carried out in 2020 and the Visitor Management Strategy.

Baseline information derives from a desk-top study, field surveys to identify areas and species of nature conservation interest. Their importance is evaluated and impacts are assessed.

Baseline data are presented in associated reports. The remainder of this report therefore addresses the following topics:

- assessment methodology with reference to ecology;
- an overview of the ecological baseline;
- an account of impacts on specific habitat types and species groups together with discussion of appropriate mitigation; and
- a summary of residual impacts in tabular form.

The following reports contain the survey and other relevant information that is summarised in this report:

- *Tournerbury Woods Estate, Hayling Island, Hampshire. National Vegetation Classification Survey* (John Wenman Ecological consultancy LLP, 2014).
- *Tournerbury Woods, The Tournerbury Woods Estate, Tournerbury Lane, Hampshire, PO11 9DL. Breeding Birds Survey Report* (Hampshire Ecological Services Ltd, 2015).
- *Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL. Updated Phase 1 Habitat Survey* (John Wenman Ecological Consultancy LLP, 2018).
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- *Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL. Bat Survey Report* (Hampshire Ecological Services Ltd, 2020).
- *Wedding Guest Visitor Management Strategy* (Tournerbury Woods Estate, 2020).
- *Tournerbury Wedding Venue. Shadow Appropriate Assessment* (Holbury Consultancy Services Ltd, 2020).

2.2 *Background to the project*

A Phase 1 Habitat Survey was carried out by John Wenman Ecological Consultancy LLP in 2013, followed by a National Vegetation Classification (NVC) survey in 2014. An update to the Phase 1 Habitat survey was carried out in May 2018 by the same company.

Hampshire Ecological Services Ltd has been engaged to undertake a number of surveys and reports on the Tournerbury Woods Estate, including a Breeding Bird survey in 2014; Heronry surveys in 2015 & 2019; a shadow Habitat Regulations Assessment reports in 2020 and bat surveys during 2020.

The site is situated on the eastern side of Hayling Island on the northern side of the Mengham Rythe estuary. The woodland skirts the northern edge of the Mengham Rythe estuary and extends northwards with Tournerbury Farm and Golf Course to the north; a small field to the east used for cattle grazing; and agricultural fields to the west that have been given over to horse paddock use. The woodland at Tournerbury is woodland and forms 19% of the total wooded habitat on Hayling Island.

The remainder of Hayling Island is predominantly agricultural/ horse paddocks with a medium size urban cluster formed along the southern coast and extending north along the main road. The majority of the coastland is either pebbled/sandy beaches or floodplain/marsh. The Chichester Harbour SSSI covers 3695 hectares and Tournerbury forms 0.4% of its total area.

2.3 *Proposed activities*

The surveys were carried out in connection with an application for retrospective planning permission for a wedding & events venue at Tournerbury Woods Estate, Tournerbury Lane, Hayling Island, Hampshire, PO11 9DL.

2.4 *Current planning status*

Retrospective planning permission is being applied for.

2.5 *Structure of this report*

This report is structured as follows:

- *Section 1* contains the executive summary;
- *Section 2* contains an introduction;
- *Section 3* describes the assessment methodology and uncertainty;
- *Section 4* gives a baseline overview;
- *Section 5* provides an assessment of impacts and mitigation;
- *Section 6* summarises the residual impacts and significance;
- *Section 7* contains the figures including:
  - *Figure 1* shows the site location;
  - *Figure 2* gives an Ordnance Survey map showing the location of the site; and

- *Figure 3* gives a Phase 1 Habitat Survey map for the site.

- *Section 8* gives photographs of the site;
- *Section 9* lists the references; and
- *Appendix A* lists key legislation and regulations;
- *Appendix B* gives the results of the Hampshire Biodiversity Information Centre (HBIC) data search for protected and notable species records; and
- *Appendix C* provides the Visitor Management Strategy.

3 ASSESSMENT METHODOLOGY AND UNCERTAINTY

3.1 Outline of Methodology

The Ecological Impact Assessment (EcIA) involved the following stages:

- scoping, involving desk study to define the scope of the assessment and following accepted survey practises;
- identifying the zone of influence arising from the whole lifespan of the project;
- identifying and evaluating the ecological resources and features likely to be affected;
- identifying the biophysical changes likely to affect valued ecological resources (VERs);
- assessing whether these changes will have a significant impact upon the integrity of a defined site or ecosystem, and/or the conservation status of habitats or species within a given geographical area, including cumulative impacts;
- incorporating ecological enhancement measures and mitigation measures to avoid or reduce negative impacts, and compensation measures for any residual significant negative impacts; and
- assessing the significance of residual ecological impacts of the proposed project.

3.2 Establishment of Baseline

3.2.1 *Desk Based Assessment*

Information relating to nature conservation within and outside of the site was collated from statutory and non-statutory bodies. Information relates to statutory and non-statutory wildlife sites, habitats, features and corridors, and notable and protected species.

3.2.2 *Sources of Information*

A search was made of all available reference materials relating to the ecology of the site. Information on statutory (those that are internationally and nationally important sites for ecology) and non-statutory designated sites (those that are important in a local context); notable species, and any other additional details that may be relevant to the project, were requested from the local biological records centre (Hampshire Biodiversity Information Centre) for a search area of 1km of from the site. Additional sources on the internet, such as the *Multi-Agency Geographic Information for the Countryside* website (www.magic.gov.uk) were also consulted. The search area for this was 2km for LNRs, NNRs and SSSIs and 5km for SACs, SPAs and Ramsar sites, as specified in Hampshire's *Biodiversity Checklist*.

Species included in the search parameters are:

- species that are protected by international law;
- species listed in European directives and legislation;
- nationally protected species under *Schedules 1, 5* and *8* of the *Wildlife & Countryside Act 1981*, the *Protection of Badgers Act 1992* (as amended) and the *Deer Act 1991*;

- species listed as Critically Endangered, Endangered or Vulnerable on the *IUCN Red List*;
- all species listed on the RSPB *Birds of Conservation Concern 2015* as Red or Amber; and
- Nationally Rare or Nationally Scarce species.

HBIC has its own extensive database of habitat and higher plant data for the county. In addition, it holds copies of datasets belonging to partner organisations. Through data exchange agreements with these organisations HBIC is provided with regular database updates and can supply species information on their behalf. HBIC currently holds copies of the following datasets:

- Botanical Society of the British Isles' (BSBI) vascular plant database for Hampshire;
- British Bryological Society (Mosses, Liverworts, Hornworts);
- Butterfly Conservation's butterfly and moth database for Hampshire;
- Hampshire Ornithological Society (HOS) bird records;
- Hampshire Bat Group (HBG) Records of bat roost visits and sightings;
- Survey data administered by the Hampshire and Isle of Wight Wildlife Trust (HIWWT):
  - Monitoring Survey for the Nail Fungus (*Poronia punctata*); and
  - Alien and Native Crayfish.
- Data administered by the Hampshire and Isle of Wight Wildlife Trust (HIWWT) on behalf of the species recording groups below:
  - Hampshire Amphibian and Reptile Recording Network (HARRN); and
  - Hampshire Mammal Group (HMG) (excluding records for bats and badgers).
- Hampshire records from The Bees, Wasps and Ants Recording Society (BWARS);
- Hampshire records from National Stag Beetle Surveys and 'Great Stag Hunts' run by the Peoples Trust for Endangered Species (PTES);
- Hampshire Odonata records from The Dragonfly Recording Network, maintained by the British Dragonfly Society (BDS);
- Spider and Fungi records gleaned from collections housed and curated by the Hampshire Cultural Trust (HCT);
- Independent Hampshire Entomologist's records; and
- Earthworm Society of Britain's records

The data includes protected and notable species records from the above datasets within the search area recorded in the last 15 years. For plants this has been extended to 30 years, for bats there is no time restriction.

3.2.3 *Ecological Surveys*

A Phase 1 Habitat Survey was carried out by John Wenman Ecological Consultancy LLP in October 2013. Following this a National Vegetation Classification (NVC) survey was carried out in the woodland survey on the 24th April 2014 and the grassland survey was carried out on the 12th June 2014. An update to the Phase 1 Habitat Survey was carried out by John Wenman Ecological Consultancy LLP on the 22nd May 2018.

Hampshire Ecological Services Ltd has undertaken a number of surveys on the Tournerbury Woods Estate, including a breeding bird survey in 2014, heronry surveys in 2015 and 2019 and bat surveys in 2020.

The breeding bird surveys were carried out on five days between 16th May and 13th June 2014.

The 2015 heron surveys were carried out on three days between 27th March and 17th April 2015.

The 2019 heronry surveys were carried out on three days between 29th March and 23rd April 2019.

Three bat emergence surveys were carried out on Woods Cottage between 14th July and 18th August 2020. Seven bat transect surveys were carried out between 24th June and 13th October 2020.

Details of the methodologies used in the various surveys are given in the relevant reports.

3.3 Identification and Assessment of Impacts and Mitigation Measures

3.3.1 General

Important ecological receptors were identified through desk study and field surveys using professional judgment and best practice guidance. Potential impacts were identified from consideration of receptor sensitivity in relation to proposals and constraints. Mitigation measures were formulated using best practice techniques and guidance, with due consideration to Hampshire Ecological Services Ltd in-house experience of the success of techniques used in the past.

3.3.2 Assessment of Significance of Residual Impacts

This assessment has been carried out with reference to the 2018 *Guidelines for Ecological Impact Assessment in the UK and Ireland* issued by the Chartered Institute of Ecology and Environmental Management (formerly Institute of Ecology and Environmental Management) with updates in 2019.

Habitats and species that may be affected by the proposed development (referred to as Valued Ecological Receptors - VERs) are given a value which is defined by geographical context, using the following categories:

- international (*i.e.* Europe);
- UK;
- national (*i.e.* England);
- regional (*i.e.* southern England);
- county (*i.e.* Hampshire);
- district (*i.e.* Havant Borough);
- local or parish; and
- site (*i.e.* Tournerbury Woods Estate).

Impacts were evaluated on the basis of the following criteria: the level of confidence associated with the predictions, their extent and complexity, magnitude, duration, reversibility, timing and frequency, and the potential for cumulative effects.

Confidence in predictions (levels of uncertainty)

Consideration is given to the likelihood that an impact will occur as predicted. This describes whether the impact is:

- certain or near certain (probability estimated at 95% or higher);
- probable (probability estimated above 50% but below 95%);
- unlikely (probability estimated above 5% but below 50%); or
- extremely unlikely (probability below 5%).

Magnitude and Extent

Magnitude refers to the size or amount of an impact and is determined on a quantitative basis where possible.

Extent refers to the physical area affected or the geographical pattern of the effect.

When the receptor being considered is the habitat itself, magnitude and extent may be synonymous.

Complexity

Complexity refers to whether the impact is direct or indirect.

Duration

The scale of the impact will also depend upon duration. This is the length of time before which mitigation measures are expected to reverse or instigate recovery of the VER, defined in terms of ecological characteristics (*i.e.* lifecycle of a species) rather than in a human context.

Reversibility of Impact

An irreversible (permanent) impact is one for which recovery is not possible within a reasonable timescale, or for which there is no reasonable chance of action being taken to reverse it.

A reversible (temporary) impact is one for which recovery is possible through natural regeneration, by spontaneous recovery or through the application of mitigation measures.

Timing and Frequency

Timing considers whether the impact will coincide with a critical life cycle stage for a species e.g. breeding season for birds, which may be avoided by scheduling works to commence outside this period.

Frequency considers whether the impact will be occasional or continuous.

Cumulative Effects

The potential for cumulative effects on the VERs takes into account other current proposals, completed projects and, where possible, natural trends.

Geographic Frame of Reference

The value or potential value of a VER is determined within a defined geographical context, for which examples are provided in *Table 3.3.2.1*.

Table 3.3.2.1. Geographic Frame of Reference

Receptor Value	**Examples**
International	An internationally designated site or candidate site (SPA, SAC, Ramsar site, Biogenetic Reserve) or an area which Natural England has determined meets the published selection criteria for such designation, irrespective of whether or not it has yet been notified. A viable area of a habitat type listed in Annex I of the Habitats Directive, or smaller areas of such habitat which are essential to maintain the viability of a larger whole. A European protected species listed in the *Conservation Habitats & Species (Amendment) Regulations 2012*.
National	A nationally designated site (SSSI, ASSI, NNR, Marine Nature Reserve) or a discrete area, which Natural England has determined meets the published selection criteria for national designation (*e.g.* SSSI selection guidelines) irrespective of whether or not it has yet been notified. A viable area of a priority habitat, or of smaller areas of such habitat which are essential to maintain the viability of a larger whole; this could include a network of ancient species-rich hedgerows or even small groups of ancient trees. Any regularly occurring population of an internationally important species, which is threatened or rare in the UK. *i.e.* it is a UK Red Data Book species or listed as occurring in 15 or fewer 10km squares in the UK or of uncertain conservation status or of global conservation concern. A regularly occurring, nationally significant population/number of any internationally important species.
Regional	Viable areas of key habitat identified as being of Regional value in the appropriate Natural Area profile. Any regularly occurring, locally significant population of a species listed as being nationally scarce which occurs in 16-100 10km squares in the UK or relevant Natural Area on account of its regional rarity or localisation. A regularly occurring, locally significant number of a species identified as

Receptor Value	Examples
	important on a regional basis. Any regularly occurring population of a nationally important species (for example, a species of principal importance for biodiversity under Section 74 of the CROW Act (2000)) which is threatened or rare in the region.
County	County Council/Unitary Authority designated sites and other sites which the designating authority has determined meet the published ecological selection criteria for designation, including Local Nature Reserves selected on defined ecological criteria and Wildlife Trust sites. A regularly occurring, locally significant number of a species identified as important on a county/metropolitan basis. Semi-natural woodland greater than 0.5 ha which is considered to be in 'good condition'.
District	Semi-natural woodland greater than 0.25 ha which is considered to be in 'good condition' or greater than 0.5ha in unfavourable condition. Network of inter-connected hedgerows including some species-rich hedgerows. Individual Important hedgerows or other ancient-countryside linear features. Any regularly occurring population of a nationally important species (Section 74) which is not threatened or rare in the region or county. Sites/features that are scarce within the District/Borough or which appreciably enrich the District/Borough habitat resource. Other features identified as wildlife corridors or migration routes.
Local	Semi-natural woodland smaller than 0.25 ha. Diverse and/or ecologically valuable hedgerows. Diverse and/or ecologically valuable grassland. Habitat included in an agri-environment scheme but not otherwise containing species or habitats listed above. Common species legally protected primarily for reasons of animal welfare (badger, reptiles). Established semi-natural or artificial habitats of limited ecological value when assessed in isolation but which offer a range of opportunities for widespread and commonly occurring species within the wider landscape.
Site	Features of value to the immediate area only.

Assessment of Significance

Impacts are defined as being positive, neutral or negative. Whether or not an impact is significant, is independent of the value of the receptor. A significant impact is defined as an impact on the

integrity of a defined ecosystem and/or the conservation status of habitats or species within a given geographical area.

Significance of the impact is determined at the geographical level at which the resource has been valued. If an impact is determined as being not significant at this level then it is considered at progressively lower levels.

3.4 Legislation and policy context

3.4.1 Key legislation and regulations

Table 3.4.1.1 sets out key wildlife legislation underpinning the conservation of habitats and species. More detail of the legislation relating to species and groups of species is provided in *Appendix A*.

Table 3.4.1.1. Key Legislation and Regulations.

Act/Regulation	Key Relevant Provisions
The Berne Convention on Conservation of European Wildlife and Natural Habitats, 1979	Aims to conserve wild flora and fauna and their natural habitats, particularly endangered and vulnerable species. It applies at EC level by *EC Directive Conservation of Natural Habitats and of Wild Fauna and Flora, 1992*. In the UK it has effect through the *Countryside Act, 1968* and the *Wildlife and Countryside Act, 1981*. Among likely species, great crested newt, otter and all bats (except pipistrelle) are included in *Appendix 2*, while pipistrelle bat and badger are included in *Appendix 3*.
The Bonn Convention on Conservation of Migratory Species of Wild Animals, 1979	Aims for management of migratory species across national or jurisdictional boundaries. This Convention is implemented in UK law by the *Environmental Protection Act, 1990*. All bats are included in *Appendix 2*.
The EC Directive on Conservation of Wild Birds, 1979 **(The 'Birds Directive')**	Requires Member States to take measures for the conservation of wild birds by the designation of Special Protection Areas (SPAs). Implementation was primarily through the *Wildlife and Countryside Act, 1981* (as amended), but has since been amended by the Habitats Directive (below) and is now fully implemented in the UK through the *Conservation Habitats & Species Regulations 2017* (as amended) (below).
The Wildlife and Countryside Act, 1981 (the WaCA)	Strengthened protection for SSSIs, provided additional safeguards for particular types of area, and restricted the killing, taking from the wild and disturbance of various species. All UK wild bird species are protected under this

Act/Regulation	Key Relevant Provisions
	Act, which makes it an offence to damage or destroy the birds themselves, their eggs or their nests whilst they are in use. Extra protection is given to birds on *Schedule 1*. Other species (including all bats and otter) are protected under *Schedules 5* and *6* while great crested newt only has protection under *Schedule 5*, and badger under *Schedule 6*. Water voles and their habitats are protected under *Schedule 5* in one of several amendments.
The Convention on Biological Diversity, 1992	Objectives are the conservation of biological diversity, the sustainable use of its components, and the fair and equitable sharing of the benefits of the utilisation of genetic resources. The UK's non-statutory strategy for achieving these commitments was published in 1994, *Biodiversity – The UK Action Plan*. Priority Species in the Action Plan include all bats, water vole, brown hare, otter and great crested newt, amongst others. The *Countryside and Rights of Way Act, 2000* now creates a legal requirement for Government Departments and Ministers to have regard to the purpose of conserving and enhancing biodiversity.
The EC Directive on Conservation of Natural Habitats and of Wild Fauna and Flora, 1992 **(The 'Habitats Directive')**	Contributes to the conservation of biodiversity by requiring Member States to take measures to maintain or restore natural habitats and wild species at favourable conservation status by the designation of Special Areas of Conservation (SACs). It gives greater protection for various species. Great crested newt, otter and some bat species are listed in *Annexes 2* and *4*, while bat species are listed in *Annex 4* only. It modifies the Birds Directive.
Conservation Habitats & Species Regulations 2017 (as amended) **(The 'Habitats Regulations', or 'Conservation Regulations')**	Gives UK implementation to the *Conservation Habitats & Species Regulations 2017* (as amended). They amend planning legislation to implement the Habitats Directive by affecting applications for planning permission and all other consents and orders by which permission is given to develop land. They introduce a review procedure for plans and projects likely to significantly affect a European site, and licensing requirements for developments that may affect European species for example all bats, otter and great crested newt.
National Parks and Access to the Countryside Act, 1949	Introduced the concept of National Nature Reserves and SSSIs, important for their flora and fauna, geological or physiographical features, and conferred powers on local authorities to create nature reserves. *The Countryside Act,*

Act/Regulation	Key Relevant Provisions
	1968 strengthened many powers under the 1949 Act and imposed on every minister, government department and public body a duty to have regard to the desirability of conserving the natural beauty and amenity of the countryside in the exercise of their functions relating to land.
The Environmental Protection Act, 1990	Established 3 country conservation councils (English Nature - now Natural England), Countryside Council for Wales (now Natural Resources Wales) and Scottish Natural Heritage) and the Joint Nature Conservation Committee to succeed the Nature Conservancy Council; and provided further protection for SSSIs.
Protection of Badgers Act, 1992	Badgers are protected under the *Protection of Badgers Act, 1992* (as amended), which makes it unlawful for either an animal or its sett to be damaged or disturbed.
The Hedgerow Regulations, 1997	Made under *Section 97* of the *Environment Act, 1995* they require prior consent for the removal of either the whole or parts of a hedgerow if it is in or runs alongside agricultural land, common land including town or village greens, land used for forestry or for the breeding or keeping of horses etc., a local nature reserve or SSSI. The criteria upon which a hedgerow may be classed as Important relate to wildlife and landscape or archaeology and history.
The Countryside and Rights of Way Act, 2000 (The CRoW Act)	The Act covers the right of access to open land, updates to the public rights of way system, the legislation of the Biodiversity Action Plan, more stringent management, protection and consenting measures for SSSIs, greater penalties for wildlife crime, and new duties within Areas of Outstanding Natural Beauty. In addition, the Act lists species and habitats of principal importance for biodiversity (*Section 74* species and habitats)
The Natural Environment and Rural Communities Act, 2006 (The NERC Act)	As well as creating Natural England, *Section 40* of this act imposes a new duty on all public authorities to have regard for conserving biodiversity within the commission of their duties, this includes a duty to restore and enhance as well as maintain biodiversity. The act also strengthens protection for SSSI and makes authorities liable for allowing damage to such sites or their features.

3.4.2 *National planning context*

Surveys should be completed in line with Natural England's *Standing Advice for Local Authorities* (https://www.gov.uk/guidance/protected-species-how-to-review-planning-applications). It should be noted:

- Natural England will not comment on applications that are submitted without the relevant protected species surveys (see flowchart) if there are no other issues (*i.e.* in relation to SSSIs or landscape).
- Natural England will not comment on scoping surveys that recommend further surveys where these have not been undertaken and submitted with the scoping reports.

In addition to the above, *Section 40* of the *Natural Environment and Rural Communities Act* (2006) imposes a new duty on all public authorities to have regard for biodiversity.

3.4.3 *National Planning Policy Framework (NPPF)*

From the 19th February 2019, the Government published the revised National Planning Policy Framework. The document sets out the government's planning policies for England and how these are expected to be applied. This replaces a previous version which was published in March 2012. It states: "at the heart of the Framework is a presumption in favour of sustainable development (paragraph 11)."

Achieving sustainable development means that the planning system has three overarching objectives, which are interdependent and need to be pursued in mutually supportive ways (so that opportunities can be taken to secure net gains across each of the different objectives):

- an economic objective;
- a social objective; and
- an environmental objective.

The environmental objective is to "contribute to protecting and enhancing our natural, built and historic environment; including making effective use of land, helping to improve biodiversity, using natural resources prudently, minimising waste and pollution, and mitigating and adapting to climate change, including moving to a low carbon economy".

Planning policies and decisions should contribute to and enhance the natural and local environment by "protecting and enhancing valued landscapes, sites of biodiversity or geological value and soils (in a manner commensurate with their statutory status or identified quality in the development plan)" and "minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures".

If significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused. Development on land within or outside a Site of Special Scientific Interest, and which is likely to have an adverse effect on it (either individually or in combination with other developments), should not normally be permitted.

Development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists. It states that "*development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to incorporate biodiversity improvements in and around developments should be encouraged, especially where this can secure measurable net gains for biodiversity*".

It should be noted that "*presumption in favour of sustainable development does not apply where the plan or project is likely to have a significant effect on a habitats site (either alone or in combination with other plans or projects), unless an appropriate assessment has concluded that the plan or project will not adversely affect the integrity of the habitats site*".

The NPPF also encourages "*minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures*" and aims to "*promote the conservation, restoration and enhancement of priority habitats, ecological networks and the protection and recovery of priority species; and identify and pursue opportunities for securing measurable net gains for biodiversity*". This applies to non-statutory designated sites including Sites of Importance for Nature Conservation (SINCs) and equivalent county wildlife sites. Early engagement with all necessary stakeholders, including expert bodies, is encouraged by the NPPF.

3.4.4 Natural Environment and Rural Communities (NERC) Act

The Natural Environment and Rural Communities (NERC) Act came into force on 1st October 2006. Section 41 (S41) of the Act requires the Secretary of State to publish a list of habitats and species which are of principal importance for the conservation of biodiversity in England.

Fifty-six habitats of principal importance are included on the S41 list. These are all the habitats in England that were identified as requiring action in the UK Biodiversity Action Plan (UK BAP) and continue to be regarded as conservation priorities in the subsequent UK Post-2010 Biodiversity Framework.

There are 943 species of principal importance included on the S41 list. These are the species found in England which were identified as requiring action under the UK BAP and which continue to be regarded as conservation priorities under the UK Post-2010 Biodiversity Framework.

The S41 list is used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under section 40 of the Natural Environment and Rural Communities Act 2006 "to have regard" to the conservation of biodiversity in England, when carrying out their normal functions. In particular:

- Local Planning Authorities will use it to identify the species and habitats that should be afforded priority when applying the requirements of planning policy to maintain, restore and enhance species and habitats.

- Local Planning Authorities will use it to identify the species and habitats that require specific consideration in dealing with planning and development control, recognising the aim of planning decisions should be to avoid harm to all biodiversity.
- All Public Bodies will use it to identify species or habitats that should be given priority when implementing the NERC Section 40 duty.

3.4.5 Core Strategy – Havant Borough Local Plan Review 2011

In the adopted Local Plan the site is identified as being a non-built up area, a site of international/ national nature conservation and an Area of Outstanding Natural Beauty (AONB). The site is also part of the Chichester & Langstone Harbour, which is designated as a Site of Special Scientific Interest (SSSI) and as a Special Area of Conservation (SAC) protected under European legislation.

3.4.6 Ecological Impact Assessment guidelines

This Ecological Impact Assessment (EcIA) takes account of the Chartered Institute of Ecology and Environmental Management (previously Institute of Ecology and Environmental Management) *Guidelines for Ecological Impact Assessment in the UK and Ireland* (2018).

3.5 Scoping Criteria

The habitat on the site was initially assessed to determine whether or not it is suitable for those protected vertebrates that occur in the region.

An assessment was made of the likelihood of protected vertebrates using the site. Taking into consideration the geographical region and habitat type, species and groups that might be encountered are:

- bats;
- dormice;
- great crested newts;
- otter;
- water vole;
- badger;
- breeding birds (including amber and red list Birds of Conservation Concern); and
- reptiles.

3.6 Limitations to the assessment

3.6.1 Uncertainty and technical difficulties encountered

The CIEEM *Guidelines for Ecological Impact Assessment in the UK & Ireland* (CIEEM, 2018) were issued in 2018 with updates in 2019. It is possible that others may interpret and apply the guidelines in a slightly different way.

Not all plant and animal species are visible throughout the year and therefore the survey reports represent snapshots of the site at the time of the survey only. The plant species recorded should not be considered a comprehensive list of species present.

The names, qualifications and experience of the surveyor(s) were not cited in the John Wenman Ecological Consultancy LLP reports other than "*a full member of the Chartered Institute of Ecology and Environmental Management*". Protected species were not assessed in these reports.

3.6.2 Further surveys

No further surveys are considered necessary.

4 BASELINE OVERVIEW

4.1 Desk study

4.1.1 *Designated sites*

According to the Multi-Agency Geographic Information for the Countryside website (www.magic.gov.uk), the site lies within Chichester and Langstone Harbours SPA and Ramsar Site and Chichester Harbour SSSI. In addition, the eastern part of the site lies adjacent to the Solent Maritime SAC. There are five further statutory designated sites within 2km of the site. These are listed in *Table 4.1.1.1.*

Table 4.1.1.1. Statutory designated sites within the 5km and 2km search areas of the marquee area.

Level of designation	**Designation**	**Name**	**Distance & direction from site**
International	SPA	Chichester & Langstone Harbours	Within designation
	Ramsar	Chichester & Langstone Harbours	Within designation
	SAC	Solent Maritime	Adjacent to the east & south
National	SSSI	Chichester Harbour	Within designation
		Sinah Common	*c.*4,031m south-west
		Langstone Harbour	*c.*2,425m west
	NNR	-	-
County	LNR	Gutner Point	*c.*2,034m north
		Sandy Point	*c.*1,843m south-east
		Hayling Billy	*c.*2,367m west

Tournerbury is designated as a unit of the Chichester Harbour SSSI. It is noted within the SSSI designation as follows:

'*Semi-natural broadleaved woodland associated with the harbour is important for breeding birds and supports two heronries. Oak is the major tree species, usually with hazel coppice, as at Old Park Wood, although Tournerbury Wood has well-spaced oaks with the occasional beech, holly and yew with a fairly dense ground flora of bramble and bracken.*'

There are two locally designated sites - Sites of Importance for Nature Conservation (SINCs) - within 1km of the marquee. These are listed in *Table 4.1.1.2.* No impacts are anticipated on any SINCs.

Table 4.1.1.2. Locally designated sites within the 1km search area of the site.

Sites of Importance for Nature Conservation Name	**Central Grid Ref.**	**Species supported that meet Section 6 of SINC Selection Criteria**
Selsmore Boating Lake	SZ73709880	
Mengham Salterns	SZ73709920	Ononis spinosa (Spiny Restharrow) [CS] Potamogeton pectinatus (Fennel Pondweed) [CS]
s8 = *Schedule 8* species; RDB = Red Data Book species; NS = Nationally scarce species; CR = County rare species; CS = County scarce species.		

4.1.2 Notable species records

Of the notable species recorded within 1km of the site, five are amphibians; two are reptiles; 149 are birds; 97 are vascular plants; three are non-vascular plants (liverworts, hornworts & mosses); 121 are invertebrates; nine are terrestrial mammals (including eight species of bat); and two are marine mammals.

A full list of notable species with details of their respective protection and/or designations is provided in *Appendix B*.

4.2 Habitats and plant species

4.2.1 Overview

Tournerbury Wood is a mixture of semi-natural broad-leaved woodland within Saxon earthworks (subsequently referred to as The Bury) with adjoining broad-leaved plantation woodland and secondary woodland (Tournerbury plantation) established on former open ground in the late 19th Century. There is a small area of improved grassland within the woodland.

In the south eastern corner of the site the woodland habitats open out into amenity grassland around Woods Cottage. There is a patch of species-poor semi-improved grassland to the west of the cottage that has been heavily grazed by rabbits. Further to the south-west, the woodland opens out into a small area of saltmarsh. Scattered scrub has established along the south eastern edge of the site.

The following habitats are present on site:

- semi-natural broad-leaved woodland;
- broad-leaved plantation woodland;
- conifer plantation;
- amenity grassland;
- improved grassland;
- species-poor semi-improved grassland;
- scrub; and
- saltmarsh.

A Phase 1 Habitat Map showing the location of the various habitats is given in *Figure 3* in *Section 7*).

A *Rhododendron* species (Rhododendron) was originally planted on the western edge of the plantation and along the southern access road to woods cottage. It has expanded its range slightly in that area and is being actively managed by the landowner. No other plant species listed on *Schedules 8* or *9* of the *Wildlife and Countryside Act 1981* were recorded on the site.

Plant species recorded from the site (along with relative abundance) are tabulated in the Phase 1 Habitat Survey report with further species lists in the NVC report (John Wenman Ecological consultancy LLP, 2014 & 2018).

4.2.2 Semi-natural broad-leaved woodland

The Bury (at the northern end of the site) is broad-leaved semi-natural woodland dominated by *Quercus robur* (Pedunculate Oak) with occasional *Corylus avellana* (Hazel), *Fagus sylvatica* (Beech), *Ilex aquifolium* (Holly) and *Taxus baccata* (Yew) within and on the embankments of a Saxon settlement. The centre is dominated by *Betula pendula* (Silver Birch) where it colonised after tree fall during the storm of 1987. The field-layer is dominated by *Pteridium aquilinum* (Bracken) with occasional *Galium aparine* (Cleavers) and *Rubus fruticosus* (Bramble). The remains of *Hyacinthoides non-scripta* (Bluebell) flowering stems were visible throughout at the time of the Phase 1 Habitat Survey (John Wenman Ecological Consultancy LLP, 2018).

On the open paths/rides through the woodland the vegetation is grass-dominated with species including the grasses *Agrostis capillaris* (Common Bent), *Agrostis stolonifera* (Creeping Bent), *Holcus lanatus* (Yorkshire-fog) and *Poa trivialis* (Rough Meadow-grass) together with a mixture of common forbs such as *Ranunculus repens* (Creeping Buttercup) and *Stellaria media* (Common Chickweed) and shade-tolerant herbs including *Digitalis purpurea* (Foxglove), *Geranium robertianum* (Herb-Robert), *Geum urbanum* (Wood Avens).

Areas of earlier plantation and secondary woodland in Field Wood and South Wood flank the more recent plantation woodland of North and South Plantations.

South Wood, which skirts the saltmarsh and mudflats, is dominated by *Fraxinus excelsior* (Ash) to the east with frequent *Populus tremula* (Aspen) and occasional *Acer pseudoplatanus* (Sycamore), *Crataegus monogyna* (Hawthorn), *Quercus robur* (Pedunculate Oak) and locally frequent *Salix caprea* (Goat Willow). There were an abundance of *Acer pseudoplatanus* (Sycamore) saplings in the western part of the wood (at the time of survey). The field-layer contained *Brachypodium sylvaticum* (False Brome), *Carex pendula* (Pendulous Sedge), *Carex remota* (Remote Sedge), *Geum urbanum* (Wood Avens), *Juncus effusus* (Soft-rush), *Lonicera periclymenum* (Honeysuckle) and *Rubus fruticosus* agg. (Bramble). This area of woodland has a number of small ponds creating small open areas amongst the otherwise relatively dense understorey.

Field Wood (surrounding the field at the northern edge of the plantation), has a mixture of large mature *Quercus robur* (Pedunculate Oak) trees amongst stands of younger trees and shrubs including *Acer pseudoplatanus* (Sycamore), *Betula pendula* (Silver Birch), *Crataegus monogyna* (Hawthorn), *Fraxinus excelsior* (Ash) and *Populus tremula* (Aspen). The field-layer is dominated by *Hedera helix* (Ivy) with patches of *Pteridium aquilinum* (Bracken), *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle).

4.2.3 *Broad-leaved plantation woodland*

The broad-leaved plantation woodland is divided into South Plantation and North Plantation.

South Plantation is a young plantation with species including *Betula pendula* (Silver Birch), *Fagus sylvatica* (Beech), *Fraxinus excelsior* (Ash), *Populus* species (Poplar), *Prunus* species (Cherry) and *Quercus robur* (Pedunculate Oak). A small amount of *Rhododendron* species (Rhododendron) planted on the western edge has expanded into the plantation. There are also a number of mature *Pinus nigra* ssp. *laricio* (Corsican Pine) trees that flank the western entrance to Tournerbury and continue along the southern side of South Plantation, along the access road to Woods Cottage.

North Plantation is similar in composition to South Plantation, but is dominated by *Populus tremula* (Aspen). There is a large patch of *Betula pendula* (Silver Birch) trees at the eastern end of the plantation. The field-layer is dominated by dense *Rubus fruticosus* agg. (Bramble).

4.2.4 *Scrub*

Scattered scrub with occasional trees has established along the edge of the mudflats at the south eastern edge of the site. This is dominated by *Crataegus monogyna* (Hawthorn), *Ligustrum vulgare* (Wild Privet), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and *Salix* species (Willow) together with *Betula pendula* (Silver Birch) and *Quercus robur* (Pedunculate Oak). The field-layer contains *Brachypodium sylvaticum* (False Brome), *Dipsacus fullonum* (Teasel), *Carex otrubae* (False Fox-sedge), *Dipsacus fullonum* (Teasel), *Iris foetidissima* (Stinking Iris), *Rubus fruticosus* (Bramble), *Senecio jacobaea* (Common Ragwort) and *Urtica dioica* (Common Nettle).

4.2.5 *Improved Grassland*

A small area of improved grassland in the centre of the plantation has a sward dominated by *Lolium perenne* (Perennial Rye-grass) with occasional patches of *Alopecurus pratensis* (Meadow Foxtail), *Holcus lanatus* (Yorkshire-fog) and *Poa pratensis* (Smooth Meadow-grass). Occasional broad-leaved herbs have established where the ground had been disturbed with species including *Anagallis arvensis* (Scarlet Pimpernel), *Cerastium fontanum* (Common Mouse-ear), *Filago vulgaris* (Common Cudweed), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Ranunculus repens* (Creeping Buttercup), *Stellaria media* (Common Chickweed), *Trifolium repens* (White Clover) and *Veronica serpyllifolia* (Thyme-leaved Speedwell).

4.2.6 *Amenity Grassland*

The regularly mown grassland in the far south east corner of the site has a sward dominated by *Lolium perenne* (Perennial Rye-grass) interspersed with occasional *Holcus lanatus* (Yorkshire-fog). Other species present include *Chenopodium album* (Fat-hen), *Geranium molle* (Dove's-foot Crane's-bill), *Symphytum* species (Comfrey) and *Trifolium repens* (White Clover). There are scattered trees in the grassland with species including *Betula pendula* (Silver Birch), *Quercus robur* (Pedunculate Oak), *Salix* species (Willow) and *Taxus baccata* (Yew).

The grassland is sparse amongst the scattered trees to the north of the cottage, which is used for parking and as part of the access road on to the site. There are planted trees here comprising a mature *Larix decidua* (European Larch) and a mature *Pinus nigra* ssp. *laricio* (Corsican Pine).

The grassland to the west of the cottage was grazed less frequently by rabbits since the survey in 2013 (John Wenman Ecological Consultancy LLP, 2018) and had a greater diversity of grass species than the other area of amenity grassland including *Agrostis capillaris* (Common Bent), *Festuca rubra* (Red Fescue), *Holcus lanatus* (Yorkshire-fog) and *Poa pratensis* (Smooth Meadow-grass) and broad-leaved herbs including *Cerastium fontanum* (Common Mouse-ear), *Geranium molle* (Dove's-foot Crane's-bill), *Matricaria discoidea* (Pineappleweed), *Picris echioides* (Bristly Oxtongue), *Prunella vulgaris* (Self-heal) and *Senecio jacobaea* (Common Ragwort).

4.2.7 *Saltmarsh*

The saltmarsh fringe had species typical of mudflats that are able to survive during frequent submergence by saltwater. Species include *Atriplex prostrata* (Spear-leaved Orache), *Elymus athericus* (Sea Couch), *Limonium vulgare* (Common Sea-lavender), *Salicornia europaea* (Common Glasswort), *Bolboschoenus maritimus* (Sea Club-rush) and *Spergularia media* (Greater Sea-spurrey). A brackish waterbody is present in the south east corner of the site. It is connected to a drain on the site.

4.2.8 *Waterbodies*

In addition to the small woodland ponds scattered through South Wood, a large duck pond is present in the centre of the site. The pond has been heavily disturbed by waterfowl and had no submerged or emergent vegetation. The surrounding ground was damp with species typical of damp soils such as *Juncus effusus* (Soft Rush) and *Salix* species (Willow species).

4.2.9 *Built Structures*

Woods Cottage is a detached house in the south eastern corner of the site. There is a nearby marquee, and an area of decking with a canopy.

4.3 *Protected vertebrates*

4.3.1 Bats

Bat surveys carried out during 2020 confirmed the presence of a non-breeding day roost for low numbers of common pipistrelles and soprano pipistrelles in Woods Cottage.

In addition, bat activity transects carried out in 2020 showed that edge or transitional habitats around the site are the location for the majority of the bat foraging and commuting activity including the edges of woodland, shoreline, openings in the canopy, rides/ tracks and grassland. The lighting from the wedding and events venue generated very low levels of disturbance during the activity transects.

The low levels of disturbance are likely a result of the habituation/ adaption of the bats to the lighting associated with the venue.

The full details of the bat surveys are provided in the bat survey report (Hampshire Ecological Services Ltd, 2020).

The woodland, ponds and Chichester Harbour all provide good habitat, and there are good connections into the wider landscape.

Bats follow linear landscape features such as lines of trees, hedges, buildings and waterways in order to commute from their roost sites to their feeding grounds. Likewise they use these features to navigate between feeding areas and alternative roosts.

4.3.2 Dormice

The woodland provides suitable habitat for nesting, foraging and hibernating dormice. The woodland and scrub contain a mixture of plants producing flowers and berries such as *Crataegus monogyna* (Hawthorn) and *Rubus fruticosus* agg. (Bramble); and plants producing nuts such as *Corylus avellana* (Hazel). This mixture of different species provides food sources throughout the year and as such provides good foraging habitat.

Whilst it cannot be ruled out that there isn't a remnant population present without surveys, Tournerbury Wood is an isolated woodland surrounded by arable land and marine habitats, with no connectivity to further areas of woodland. TWE is also on an island (Hayling Island), further reducing the likelihood of colonisation by dormice. Dormice live at low densities (c.2 adults per ha of woodland). Given the small size of the woodland and lack of connectivity with other areas of suitable habitat, it is unlikely to support a viable population of dormice. There are no records of dormice within 1km of the site in the HBIC data search.

4.3.3 Great crested newt

There are several small woodland ponds within the South Wood as well as a large pond at the centre of the site (the duck pond).

The smaller ponds were mostly dried out at the time of the Phase 1 Habitat Survey (John Wenman Ecological Consultancy LLP, 2018) and the duck pond was heavily used and disturbed by large numbers of waterfowl (e.g. Mallard).

4.3.4 Otter and water vole

There are no streams or rivers on the site. Although water voles can be found in brackish habitats they are not as common in estuarine habitat or salt marsh except where there are relatively stable, reed-fringed lagoons. Therefore, it is unlikely that water voles are present on site. In addition, there is no suitable water vole habitat within the development footprint.

The proximity of the site to Mengham Rythe and Chichester Harbour, where otters are known to be present, makes it likely that otters will either cross the site or move along its boundaries. If fish or other prey sources (including wildfowl) are present within the ponds, then they may also hunt on site.

4.3.5 Badger

During the Phase 1 Habitat Survey (John Wenman Ecological Consultancy LLP, 2018) a pathway through the wood and 3-4 mammal burrow entrances were found within the earthworks of the former hill fort (The Bury). No further information provided as to the species of mammal.

4.3.6 Birds

General

All the woodland, scrub, shrubs and trees on the site have the potential to support nesting birds during the breeding season.

There are many bird species classified as species of principal importance under *Section 41* of the *NERC Act 2006* (or in the RSPB *Birds of Conservation Concern*) that could be using this area of the site for nesting and foraging.

The breeding bird surveys carried out in 2014 (Hampshire Ecological Services Ltd, 2015) found that a total of 27 bird species were using the site. Seven of these are on the Amber List of Birds of Conservation Concern, whilst two species (song thrush and starling) are on the Red List of Birds of Conservation Concern. Of the 27 species recorded, seven were confirmed as breeding on site and this included two Amber List species (little egret and stock dove) and one Red List species (starling).

Heronry

A heronry is present within the woodland to the north of the site. It has been counted as part of the British Trust for Ornithology (BTO) heronry census since 1966. It has been suggested that the heronry was a qualifying feature for the inclusion of the wider Tournerbury Woods Estate in the

Chichester Harbour SSSI. However, the heronry is not listed among the 30 notified features of the SSSI.

Two other heronries are present in the wider landscape. One is located within Old Park Wood, on the eastern side of Chichester Harbour. The second is located within Fort Elson Wood on the western side of Portsmouth Harbour. The heron (active nest) count data for the Tournerbury Wood Estate, Old Park Wood and Fort Elson are shown in *Table 4.3.6.1*. The table shows the raw data as supplied by the British Trust for Ornithology (BTO), Heronries Census. Please note that -6 denotes occupied nests but no count, and blank data boxes are where no data has been supplied.

Table 4.3.6.1. BTO Heronry census count data 1966 to 2019 (source: BTO).

Year	Tournerbury Wood	Old Park Wood	Fort Elson
1966	14	21	-
1967	18	25	-
1968	18	22	-
1969	21	25	-
1970	16	27	-
1971	15	25	-
1972	16	31	-
1973	21	27	-
1974	17	33	-
1975	17	40	-
1976	19	37	8
1977	21	33	8
1978	18	30	12
1979	15	26	8
1980	10	28	9
1981	14	22	9
1982	12	18	-6
1983	19	15	29
1984	14	19	52
1985	13	17	75
1986	-	15	49
1987	9	16	41
1988	10	-6	-6
1989	-6	-6	-6
1990	17	-	11
1991	9	-	-
1992	15	17	25
1993	12	19	19
1994	13	15	25
1995	11	10	80

1996	9	19	80
1997	11	12	80
1998	11	13	110
1999	12	12	65
2000	10	12	73
2001	-	10	59
2002	-	14	65
2003	15	13	82
2004	18	13	85
2005	6	10	50
2006	12	13	52
2007	8	13	45
2008	4	10	44
2009	10	10	52
2010	-	8	70
2011	-	5	44
2012	-	5	52
2013	14	5	24
2014	11	0	7
2015	7	4	18
2016	6	2	14
2017	2	4	-6
2018	-	7	-
2019	4	4	-

Hampshire Ecological Services were commissioned by the Tournerbury Woods Estate to monitor the heronry within the estate during 2015 and 2019 (Hampshire Ecological Services Ltd, 2015 & 2019). While the majority of the nests observed were occupied by grey heron (a Green List species) one nest was occupied by little egret (Amber List species). The total number of little egret nests was expected to increase later in the breeding season as more birds begin to nest.

During surveys carried out in 2015 (Hampshire Ecological Services Ltd, 2015), a total of nine nests were recorded. This included eight grey heron nests and one little egret nest. The number of grey heron nests had therefore halved between 2015 and 2019. However, the geographical extent of the colony remains similar to that previously recorded. The presence of a rookery in the woodland, to the south-east of the heronry, may discourage the heronry from becoming bigger.

The heronry is believed to have originated from a larger colony formerly present on the nearby Thorney Island (Eyre, 2015). As a small secondary colony, it is likely to be subject to natural fluctuations in population size.

The number of little egret nests has remained the same since 2015. Little egret are recent colonisers to Britain, which lies at the northern limit of their European breeding range. It was estimated that

between 2006 and 2010, there were approximately 660-740 breeding pairs annually in the UK (Musgrove *et al.*, 2013).

4.3.7 Widespread species of reptiles

There is suitable foraging and hibernation habitat for widespread species of reptile (such as slow-worms) on the site. However, the majority of the development footprint is short mown amenity grassland and as such is unsuitable for reptiles due to the lack of cover and risk of predation.

4.3.8 Other mammals

Rabbits are known to be present on site and therefore it is highly likely their predators such as foxes are also present on or near the site.

Given the habitats present it is likely that there are other small mammals present such as voles and shrews, as well as larger mammals such as roe deer.

4.4 Summary assessment of nature conservation value

The nature conservation importance assigned to each valued ecological receptor is listed in *Table 4.4.1.* and includes the protected species, species of nature conservation concern together with valuable habitats. For example, the assessment of importance for species associated with woodland has been included in the assessment of the importance of the relevant woodland features. The exceptions to this are the more widespread species and groups for example badger, which have been identified as separate ecological receptors, as they are less obviously associated with individual habitat types or specific habitat features. The impact on each ecological receptor without mitigation is given in *Table 4.4.2.*

Table 4.4.1. Summary of ecological importance and receptor sensitivity.

Ecological Receptor	**Importance**	**Sensitivity**	**Comments**
Chichester & Langstone Harbours SPA & Ramsar	International	Very High	Statutory designated site including the site within its boundaries. Designated for its overwintering birds.
Solent Maritime SAC	International	Very High	Statutory designated site adjacent (to the east & south) to the site.
Chichester Harbour SSSI	National	High	Statutory designated site with boundary encompassing the site, including the development footprint.
Semi-natural broad-leaved woodland	National	Negligible	Deciduous woodland is classified as a UK Priority Habitat – a habitat of conservation importance under the NERC Act 2006. In addition, it provides habitat for different species *e.g.* foraging habitat for bats that have a higher importance.
Broad-leaved plantation woodland	Site	Negligible	As a plantation it has negligible importance. However, it forms a complex of open and wooded habitats and extends the woodland of The Bury. In addition, it provides habitat for different species *e.g.* foraging habitat for bats that have a higher importance.
Scrub	Site	Negligible	Although of negligible importance (given the species are common and typical of this habitat) it provides habitat for different species *e.g.* foraging habitat for bats that have a higher importance.
Amenity grassland	Site	Negligible	The grassland is subject to regular cutting and disturbance. It supports widespread plant species typical of regularly managed grasslands throughout lowland England.
Improved grassland	Site	Negligible	The grassland is subject to regular cutting and disturbance. It supports widespread plant species typical of regularly managed grasslands throughout lowland England.
Species-poor semi-improved grassland	Site	Negligible	The grassland is subject to regular cutting and disturbance. It supports widespread plant species typical of regularly managed grasslands throughout lowland England.

Ecological Receptor	Importance	Sensitivity	Comments
Bats	National	High	European Protected Species foraging and roosting on site.
Dormice	National	Low	European Protected Species and suitable habitat present on site, but no suitable habitat within the development footprint.
Otters	National	High	European Protected Species and known nearby. Unlikely to use the development footprint, but may travel across it.
Water voles	County	Low	Protected species, but unlikely to be present on site and certainly not within the development footprint.
Badgers	Local	Low	Protected species with suitable habitat setts in the woodland on site. However, although the amenity grassland is suitable foraging habitat it will be unaffected by the proposals. Protection is mainly an animal welfare issue
Birds	County	Medium	Suitable habitat for a variety of woodland species. 27 bird species heard during breeding bird surveys. Seven are on the Amber List of Birds of Conservation Concern, whilst two species (song thrush and starling) are on the Red List of Birds of Conservation Concern. Little egret and stock dove are breeding on site. Both are on the Amber List of Birds of Conservation Concern. Starling is breeding on site and is on the Red List of Birds of Conservation Concern.
Great Crested Newts	National	Low	European Protected Species. If present unlikely to use the development footprint.
Reptiles	Local	Medium	Protected species with suitable habitat around the edges of the development footprint.
Other mammals *e.g.* water shrews & harvest mice	District	Negligible	May use the site, but unlikely to be present within the development footprint.

Table 4.4.2. Summary of impacts without mitigation - broad habitat types and species groups.

Ecological Receptor	**Nature Conservation Importance of Receptor**	**Residual Impact**					
		Impact	**Confidence**	**+ve / -ve / none**	**Complexity and Magnitude / Extent**	**Duration**	**Significance**
Chichester & Langstone Harbours SPA & Ramsar	Very High	Small	Probable	-ve	Potential disturbance to overwintering birds when event is held in winter, early spring, or late autumn	During events	Moderately significant
Solent Maritime SAC	Very High	Negligible	Probable	None	Unlikely to impact	-	Not significant
Chichester Harbour SSSI	High	Negligible	Certain	None	Unlikely to impact	-	Not significant
Semi-natural broad-leaved woodland	Negligible	Negligible	Certain	None	Unlikely to impact	-	Not significant
Broad-leaved plantation woodland	Medium	Negligible	Certain	None	Unlikely to impact	-	Not significant
Scrub	Negligible	Negligible	Certain	None	Unlikely to impact	-	Not significant
Amenity grassland	Negligible	Negligible	Certain	None	Unlikely to impact	-	Not significant
Improved grassland	Negligible	Negligible	Certain	None	Unlikely to impact	-	Not significant
Species-poor semi-improved grassland	Negligible	Negligible	Certain	None	Unlikely to impact	-	Not significant

Ecological Receptor	**Nature Conservation**	**Residual Impact**					
Bats	High	Low	Probable	-ve	Minor disturbance to roosting, foraging and commuting bats immediately around the events area	During events	Low significance
Dormice	Low	Negligible	Probable	None	Unlikely to impact	-	Not significant
Otters	High	Negligible	Probable	None	Unlikely to impact	-	Not significant
Water voles	Low	Negligible	Probable	None	Unlikely to impact	-	Not significant
Badgers	Low	Negligible	Probable	None	Unlikely to impact	-	Not significant
Birds (on site)	Medium	Low	Probable	-ve	Disturbance/ displacement to breeding birds in the trees within the development footprint and in woodland on the edges of the event area footprint.	During events	Moderately significant
Great Crested Newts	Low	Negligible	Probable	None	Unlikely to impact as development footprint is unsuitable due to lack of cover and risk of predation.	-	Not significant
Reptiles	Medium	Negligible	Probable	None	Unlikely to impact as development footprint is unsuitable due to lack of cover and risk of predation.	-	Not significant
Other mammals *e.g.* shrews & voles	Negligible	Negligible	Probable	None	Unlikely to impact as development footprint is unsuitable due to lack of cover and risk of predation.	-	Not significant

5 *ASSESSMENT OF IMPACTS AND MITIGATION*

5.1 Desk study

5.1.1 Statutory and non-statutory designations

No impacts are anticipated on Solent Maritime SAC or Chichester and Langstone Harbours SPA and Ramsar Site.

No habitat is due to be removed and therefore there will be no impact on the habitats for which Chichester Harbour SSSI has been designated. In addition, condition assessments have been regularly carried out by Natural England on the Chichester Harbour SSSI. The SSSI is divided into 45 units. The Tournerbury Woods Estate is unit '003 Tournerbury Plantation', which has been assessed as being in 'Favourable Condition' since 1997. The northern area of the Tournerbury Woods Estate, adjacent to the access track, is the only part of the estate with habitat for which the SSSI was designated for: W10 *Quercus robur–Pteridium aquilinum–Rubus fruticosus* woodland. This is outside of the footprint of the development (the wedding & events venue area). Therefore, there will be no impact on the SSSI.

No impacts are anticipated on the other nearby SSSIs, Sinah Common SSSI and Langstone Harbour SSSI; or the LNRs within 2km and SINCs within 1km (see *Section 4.1.1*).

5.1.2 Appropriate Assessment

As the site is within the boundary of the Chichester and Langstone Harbours SPA and Ramsar Site a shadow Appropriate Assessment has been produced. This is a separate document – see *Tournerbury Wedding Venue. Shadow Appropriate Assessment* (Holbury Consultancy Services Ltd, 2020). This concluded that there would be no impact on the SPA.

5.2 Habitats and plants

5.2.1 Habitats

The survey findings show that the majority of the vegetation communities within Tournerbury Woods Estate do not satisfactorily match any NVC communities. This is true for the woodland communities within the north and south plantations, north and south pond and north and south field woodlands. The Phase 1 Habitat Survey indicated that these habitats comprised secondary woodland that had established on former agricultural land during the last decade of the 19th Century. The inability to adequately match these habitats to NVC communities is considered to be a reflection of the relatively young age of the secondary woodland habitats and on-going site management practices *e.g.* planting trees, which has resulted in diverse, non-uniform stands frequently dominated by species more typical of disturbed habitats such as *Acer pseudoplatanus* (Sycamore).

The Bury was classified as the NVC W10 *Quercus robur-Pteridium aquilinum-Rubus fruticosus* woodland community. This woodland community is widely distributed and common throughout

lowland England. It is typically relatively species poor with *Quercus robur* (Pedunculate Oak) the prominent species in the canopy, but with *Betula pendula* (Silver Birch) prominent in places where the *Quercus robur* (Pedunculate Oak) canopy has become more open, and with a field-layer dominated by *Hyacinthoides non-scripta* (Bluebell) in the spring with *Lonicera periclymenum* (Honeysuckle), *Pteridium aquilinum* (Bracken) and *Rubus fruticosus* agg. (Bramble) the dominant species. The density of *Quercus robur* (Pedunculate Oak) within the woodland is relatively low creating fairly open areas and the suggestion of W25 *Pteridium aquilinum-Rubus fruticosus* underscrub community. This is largely as a consequence of the loss of several canopy trees during storms in the late 20th Century.

The NVC report (John Wenman Ecological consultancy LLP, 2014) states "*Broad-leaved woodland covers 2241 hectares in the South Coast Plain National Character Area (NCA) – accounting for 4% of the NCA (Natural England 2014); the woodland of Tournerbury forms 0.4% of the total area of broadleaved woodland within the NCA. Ancient woodland accounts for 1% of the NCA (780 hectares) and therefore the woodland of the Bury at Tournerbury forms 0.47% of this cover. Within this context, however, it should be noted that Hampshire overall is one of the heaviest wooded counties in England and that the above statistics from Natural England do not include any woodland that is smaller than 2 hectares.*"

The grassland communities are associated with those that are largely species-poor such as MG7 *Lolium perenne* leys and related grasslands, MG10 *Holcus lanatus-Juncus effusus* rush-pasture and MG11 *Festuca rubra-Agrostis stolonifera-Potentilla anserina* grassland. They are subject to regular management (mowing, re-seeding *etc*).

The saltmarsh communities and margins of brackish water close to the harbour are not readily assignable to an NVC community. This was considered to be due to naturally occurring very small-scale variation in the communities at Tournerbury, which form part of the wilder saltmarsh communities surrounding Chichester harbour. Its size makes it of little significance within the overall area of the Chichester Harbour SSSI.

The majority of the habitats and plant species observed were widespread and common. The habitats are of no particular nature conservation value from a botanical perspective. The exception is the woodland of The Bury, which would be impossible to recreate once felled. In addition, deciduous woodland is classified as a UK Priority Habitat – a habitat of conservation importance under the *NERC Act 2006*.

In addition, some of the habitats have value from the perspective of the species they support *e.g.* the saltmarsh that contributes to the wider habitat of Chichester harbour that are used by overwintering birds.

No notable plant species were recorded.

As all the habitat on site will be retained under the proposals there is no impact on the habitat or the plant species that they contain. As such there is no need for mitigation or compensation measures.

5.2.2 Plant species

A *Rhododendron* species (Rhododendron) was originally planted on the western edge of the plantation and along the southern access road to woods cottage. It has expanded in that area only slightly and is being actively managed by the landowner. No other plant species listed on *Schedules 8* or *9* of the *Wildlife and Countryside Act 1981* were recorded on the site.

5.3 Bats

Woods Cottage is a confirmed non-breeding day roost for low numbers of common pipistrelles and soprano pipistrelles. No works are planned to Woods Cottage and it remains unaffected by the proposals.

Common pipistrelles, soprano pipistrelles and serotine bats were recorded commuting and foraging on and around the edges of the site during the bat activity transect surveys. In particular, they were foraging along the woodland edge at the south-east, south-west and north boundaries of the site. Limited bat activity was recorded at the centre of the site, within the plantation woodland.

Edge or transitional habitats around the site are the location for the majority of the bat foraging and commuting activity, such as; the edges of woodland, shoreline, openings in the canopy, rides/ tracks and grassland. During the activity transects, these areas generally experienced very low levels of disturbance from the wedding venue (area to the north of Woods Cottage in the south-east corner of the site) in regards to light pollution. Lighting will have been present on site throughout its use for the last 20 years, particularly around the vicinity of Woods Cottage. Lighting has increased slightly during the site's use as a wedding and events location.

There is good foraging habitat for bats on the site including mature trees, woodland, ponds and coastal mudflats. These in turn connect the site to areas of high quality foraging habitat in the wider landscape. Woodland and waterbodies provide high quality foraging habitat for a number of different species of bat. These areas will be unaffected and all links will be maintained. The connectivity around the edges of the site will be retained and as such no impact to commuting and foraging bats (and hence bat populations in the local area) is anticipated.

Lighting, especially increased lighting, can affect commuting, foraging and roosting bats. Therefore, no new artificial lighting will be directed onto the trees and woodland. Security lights should be avoided wherever possible.

Lighting will have been present on site throughout its use, particularly as a residential dwelling. Lighting has increased slightly during the sites use as a wedding and events location, although this has been minimised as much as possible.

Any new external lighting should avoid spillage of greater than 1 lux onto the trees and woodland. The use of non-UV LED lighting (preferably using warm spectrum wavelengths) is strongly

recommended to avoid the most deleterious impacts of lighting on biodiversity and bats in particular.

Where lighting is necessary, downlighting/ hoods or similar devices should be used to allow the light to be directed onto where it is needed and avoid any light spill into the adjacent woodland. Alternatively, low-level lighting could be used instead.

Details of the agreed lighting are provided in the Visitor Management Strategy (Tournerbury Woods Estate, 2020) which can be secured by planning condition.

There are records for the following bats within 1km of the site: common pipistrelle, soprano pipistrelle, brown long-eared bat, serotine, noctule, Leisler's bat, Daubenton's bat, whiskered/ Brandt's bat and *Myotis* species.

The site will be enhanced through the provision of bat boxes, especially in the plantation woodland where the younger trees mean that there are likely to be fewer trees with bat roost suitability.

5.4 Dormice

There is suitable habitat for dormice on the site with several broad-leaved woodlands and plantations on the site. However, there are no records of dormice within 1km of the site and the suitable habitat will be unaffected by the proposals. Therefore, there should be no impact on dormice should they turn out to be present.

5.5 Great crested newt

There are several small ponds within South Wood as well as the larger duck pond and the woodland provides good terrestrial foraging habitat. However, the footprint of the development is sub-optimal terrestrial habitat due to its close mown amenity grassland providing no cover and hence a risk of predation.

As the ponds are all to be retained and no terrestrial habitat is to be removed, there should be no impact on great crested newts, should they prove to be present.

5.6 Otter and water vole

There are no streams or rivers on the site. Although water voles can be found in brackish habitats they are uncommon in estuarine or saltmarsh habitats except where there are relatively stable, reed-fringed lagoons. In addition, there are no records for water vole within 1km of the site. Therefore, it is unlikely that water voles are present on site.

In addition, there is no suitable water vole habitat within the development footprint.

Otters are known to be present in the wider landscape and therefore, it cannot be ruled out that otters would cross the site. However they would be unlikely to cross the area of the development footprint, especially during an event.

There is no impediment to otters crossing any part the site at any time. As such there should be negligible impact on otters.

5.7 Badger

The mammal burrows are associated with The Bury. This is outside of the development footprint and as such will not be affected.

It is possible that badgers may forage on the amenity grassland within the development footprint. However, there are alternative foraging areas close by that the badgers could use if an event is taking place *e.g.* the improved grassland within the plantation woodland, and the horse-grazed paddocks adjacent to the site. Therefore, there should be negligible impact on badgers.

5.8 Birds

General

The breeding bird survey (Hampshire Ecological Services Ltd, 2015) identified the value of the site to birds as relatively low with only small numbers of the more common woodland birds being recorded. The majority of the species assemblage is typical of lowland woodland, but with a low number (in both species count and number of birds) of wetland species (*e.g.* grey heron, little egret and moorhen) recorded. Low numbers of non-breeding tufted duck were also recorded. With the exception of moorhen, this is almost certainly due to the presence of trees suitable for nesting and roosting combined with the coastal location of the woodland, rather than the site offering large areas of suitable wetland foraging habitat.

The habitat at the site is fairly uniform in value for birds with no notable difference in species composition or assemblage across the site. The species recorded on site are typical of the main habitats available on the site, which is characterised by species of woodland, but with a few wetland/coastal species also recorded.

Due to the presence of seven amber list species and two red list species recorded occurring at the site in locally sustainable populations the site is classed as having 'Local Nature Conservation Value' for birds. However, it should be noted that no significant numbers or flocks of notable species were recorded during the surveys and all species occurring on site are either common or fairly common within Hampshire and the surrounding area.

No vegetation is to be removed and as such there should be minimal impact on nesting birds.

The only potential impact would be to birds that may choose to nest near on in the trees and bushes in the development footprint. Many species easily become habituated to the presence of humans and readily nest in close proximity, as such is it not anticipated that there will be a significant

impact on nesting birds. However, the site will be enhanced through the provision of bird boxes. The proposed bird boxes are summarised in *Table 5.8.1.*

Wintering birds

According to the Phase 1 report (Wenman, 2018), there is scattered [deciduous] scrub between the venue and the shoreline. This may provide some screening. If wedding or other events are to occur between autumn and early spring, access to the shoreline will need to be restricted temporarily to minimise disturbance to wintering birds. Accesss to the foreshore will be restricted between 1st November and 31st March by means of a rope barrier and signage erected across the track to the Harbour Lawn. Occasional use of the temporary jetty will be restricted to use only between 1st April to 31st October to prevent disturbance to feeding waterfowl over the core wintering period. All dogs will be required to be kept on leads to ensure they are kept away from the foreshore. Fireworks have historically been prohibited from site at all times of year and will continue to be so (Tournerbury Woods Estate, Wedding Guest Visitor Management Strategy, 2020). In addition, the existing screening should be further enhanced by additional planting (including evergreen species tolerant of coastal conditions).

Table.5.8.1. Bird boxes to be erected within the site with additional details on positioning to increase chances of occupancy.

Type (example)	**Typical species**	**No.**	**Height**	**Additional information**
Vivara Pro Seville 32mm Woodstone Nest Box 	Blue tits, great tits	2+	2-4m	• Position on a building or tree, angled north-east (away from prevailing winds) and tilt forward slightly. • Chances of occupation can be increased by positioning boxes near vegetation.
Vivara Pro Barcelona WoodStone Open Nest Box 	Robins, wrens	2+	≤ 2m	• Mount on a tree or large shrub • Conceal amongst foliage to keep well-hidden from predators.
Eco Starling nest box 	Starlings	2+	≤ 2m	Should be fixed onto a sturdy building, not onto fences or garden sheds due to its weight.

Heronry

The heronry and little egret nest are outside the development footprint.

Whilst it appears the number of grey heron nests has halved since 2015, this heronry is believed to have originated from a larger colony formerly present on the nearby Thorney Island (Eyre, 2015). As a small secondary colony, it is likely to be subject to natural fluctuations in population size. In addition, the presence of a rookery in the woodland to the south-east of the heronry may discourage the heronry from becoming bigger.

Little egret were confirmed breeding within the heronry during 2015 and 2019, with 2015 being the first record of little egrets at this location. They have continued breeding in the heronry despite the wedding and events traffic on the entrance track during their breeding season (April to June). Therefore, there is no impact on these species.

During the heron nesting season (1st January to 1st June) wedding guest access to the heronry area will be limited to access along the access track as guests arrive and leave the site. Additionally, signs will be placed at either end of the heronry area of the track requesting that vehicles continue travelling along the track and do not stop due to nesting birds (Tournerbury Woods Estate, Wedding Guest Visitor Management Strategy, 2020). This could be controlled by condition.

5.9 Widespread species of reptiles

Although there is suitable foraging and hibernation habitat for widespread species of reptile (such as slow-worms) on the site, the majority of the development footprint is short, mown amenity grassland and as such is unsuitable for reptiles due to the lack of cover and risk of predation.

In addition, no vegetation will be removed. Therefore although reptiles may be present at the edges of the development footprint, they will be unaffected by the proposals.

5.10 Other mammals

Rabbits are known to be present on site and it is likely other mammals such as foxes and deer are present, along with small mammals such as voles and shrews. No vegetation is to be removed, therefore any present will be unaffected by the proposals.

6 SUMMARY OF RESIDUAL IMPACTS AND SIGNIFICANCE

Following mitigation the ecological receptors that may still be impacted if present are a small number of birds nesting within the development footprint.

The residual impacts for habitats and species groups are summarised in *Table 6.1*.

Table 6.1. Summary of residual impacts – broad habitat types and species groups.

Ecological Receptor	**Nature Conservation Importance of Receptor**	**Residual Impact**					
		Impact	**Confidence**	**+ve / -ve / none**	**Complexity and Magnitude / Extent**	**Duration**	**Significance**
Birds	Medium	Low	Probable	-ve	Disturbance/ displacement to breeding birds in the trees within the development footprint and in woodland on the edges of the event area footprint.	During events	Moderately significant

7 FIGURES

Figure 1. Aerial photographs showing the location of the site (outlined in red).

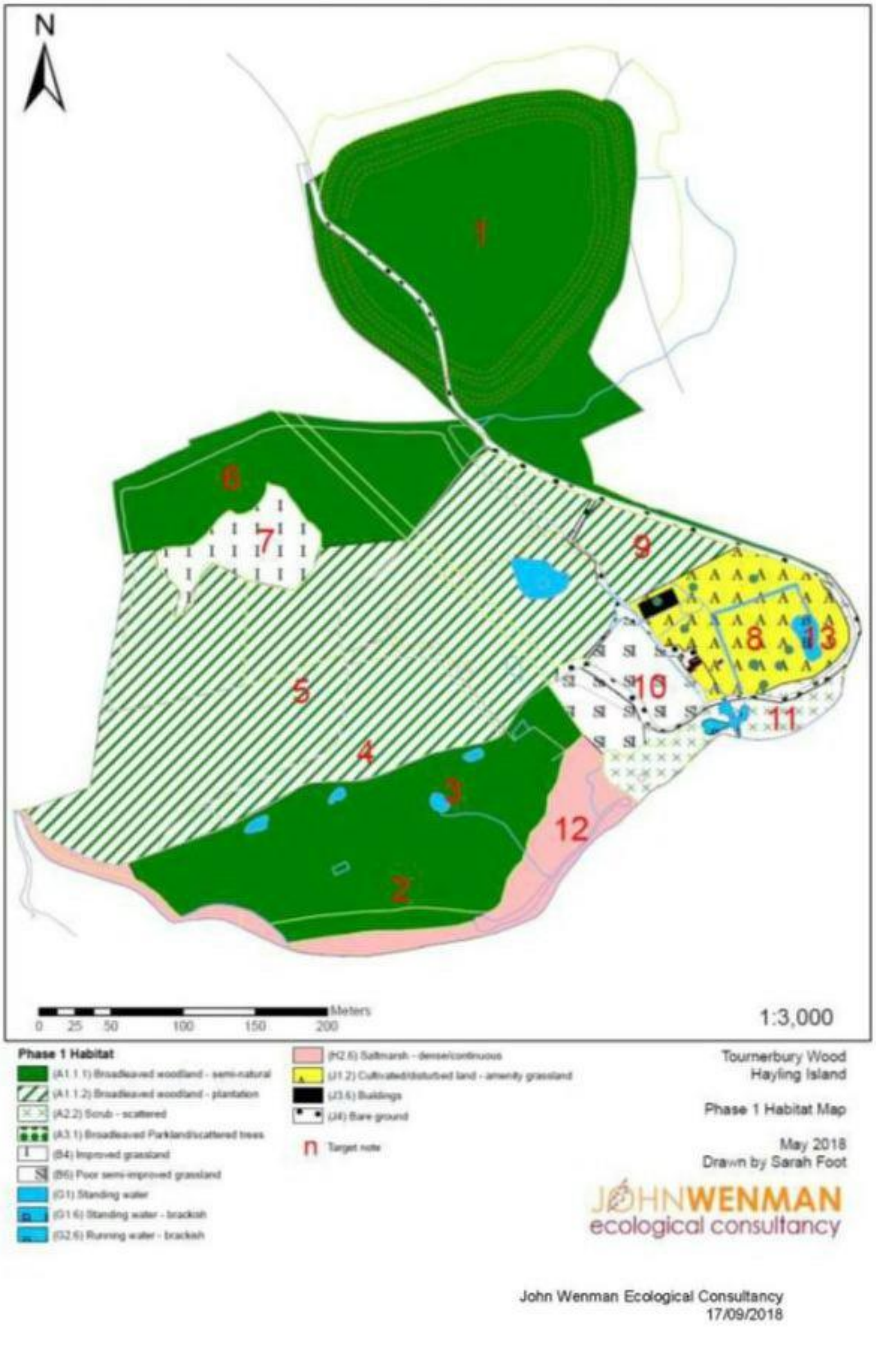


Figure 2. OS map showing the location of the site as indicated by the green arrow with the wider Tournerbury estate outlined in red.



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Figure 3. Phase 1 Habitat Survey map produced by John Wenman Ecological consultancy LLP.



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9 APPENDIX A: PROTECTED SPECIES LEGISLATION

9.1 General

This section briefly describes the legal protection afforded to the protected species identified in this report. It is for information only and is not intended to be comprehensive or to replace specialised legal advice. It is not intended to replace the text of the legislation, but summarises the salient points.

9.2 Bats

All species of British bat are listed on *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), and receive full protection under *Section 9*. Protection was extended by the *Countryside and Rights of Way Act 2000* (the CRoW Act). This legislation makes it an offence to:

- intentionally kill, injure or take a bat;
- possess or control a bat;
- intentionally or recklessly damage, destroy or obstruct access to a bat roost; and
- intentionally or recklessly disturb a bat whilst it occupies a bat roost.

Bats are also European protected species listed on *Schedule 2* of the *Conservation of Habitats & Species Regulations 2017* which gives them full protection under *Regulation 43*. This legislation makes it an offence to:

- deliberately capture, injure or kill a bat;
- deliberately disturb a bat (in such a way as to be likely to significantly affect: (i) the ability of a significant group of bats to survive, breed or rear/nurture their young; or (ii) the local distribution or abundance of the species concerned);
- damage or destroy a breeding site or resting place of a bat; and
- possess, control, transport, sell, exchange a bat, or offer a bat for sale or exchange.

All bat roosting sites receive legal protection even when bats are not present (bats tend to reuse the same roost).

Several species of bat are included as a Priority Species in the UK Biodiversity Action Plan (UKBAP - JNCC (2003)) and also as species of principal importance for the conservation of biological diversity in England under *Section 74* of the CRoW Act.

All species of British bat are also protected under *Schedule 6* of the *Wildlife and Countryside Act 1981* (as amended). This protection relates specifically to trapping and direct pursuit of the species.

9.3 Dormice

Dormouse (*Muscardinus avellanarius*) is listed on *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), and receives full protection under *Section 9*. This species is also listed as a

European Protected Species on *Schedule 2* of the *Conservation of Habitats & Species Regulations 2017*, which gives it full protection under *Regulation 43*. Protection was extended by the *Countryside and Rights of Way Act 2000* (the CRoW Act).

Under the above legislation it is an offence to:

- kill, injure or take an individual of such a species;
- possess any part of such species either alive or dead;
- intentionally or recklessly damage, destroy or obstruct access to any place or structure used by such species for shelter, rest, protection or breeding;
- intentionally or recklessly disturb such a species whilst using any place of shelter or protection; or
- sell or attempt to sell any such species.

9.4 Great crested newt

Great crested newt (*Triturus cristatus*) is listed on *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), and receives full protection under *Section 9*. This species is also listed as a European Protected Species on *Schedule 2* of the *Conservation of Habitats & Species Regulations 2017*, which gives it full protection under *Regulation 43*. Protection was extended by the *Countryside and Rights of Way Act 2000* (the CRoW Act).

Under the above legislation it is an offence to:

- kill, injure or take an individual of such a species;
- possess any part of such species either alive or dead;
- intentionally or recklessly damage, destroy or obstruct access to any place or structure used by such species for shelter, rest, protection or breeding;
- intentionally or recklessly disturb such a species whilst using any place of shelter or protection; or
- sell or attempt to sell any such species.

The great crested newt is included as a Priority Species in the UK Biodiversity Action Plan (UKBAP) and also as a species of principal importance for the conservation of biological diversity in England under *Section 74* of the CRoW Act.

9.5 Otter

Otter (*Lutra lutra*) is listed on *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), and receives full protection under *Section 9*. This species is also listed as a European Protected Species on *Schedule 2* of the *Conservation of Habitats & Species Regulations 2017* which gives it full protection under *Regulation 43*. Protection was extended by the *Countryside and Rights of Way Act 2000* (the CRoW Act).

Under the above legislation it is an offence to:

- kill, injure or take an individual of such a species;
- possess any part of such species either alive or dead;

- intentionally or recklessly damage, destroy or obstruct access to any place or structure used by such species for shelter, rest, protection or breeding;
- intentionally or recklessly disturb such a species whilst using any place of shelter or protection; or
- sell or attempt to sell any such species.

The otter is included as a Priority Species in the UK Biodiversity Action Plan (UKBAP) and also as a species of principal importance for the conservation of biological diversity in England under *Section 74* of the CRoW Act.

The otter is also protected under *Schedule 6* of the *Wildlife and Countryside Act 1981* (as amended). This protection relates specifically to trapping and direct pursuit of the species.

The European sub-species is also listed as globally threatened on the IUCN/WCMC RDL.

9.6 Water vole

Water vole (*Arvicola amphibius*) is protected under *Section 9 (4)* of *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), which affords protection to its places of shelter. This protection was extended by the CRoW Act 2000. Under this legislation, it is an offence to intentionally or recklessly damage, destroy or obstruct access to any structure or place that water voles use for shelter or protection, or to intentionally or recklessly disturb water voles while they are using such a place.

The water vole is included as a Priority Species in the UK Biodiversity Action Plan (UKBAP) and also as a species of principal importance for the conservation of biological diversity in England under *Section 74* of the CRoW Act.

9.7 Badger

Badger (*Meles meles*) is protected in Britain under the *Protection of Badgers Act 1992* (as amended) and *Schedule 6* of the *Wildlife and Countryside Act 1981* (as amended).

The legislation affords protection to badgers and badger setts, and makes it a criminal offence to:

- wilfully kill, injure, take, possess or cruelly ill-treat a badger, or to attempt to do so;
- interfere with a sett by damaging or destroying it;
- to obstruct access to, or any entrance of, a badger sett; or
- to disturb a badger when it is occupying a sett.

Guidance to what may be classed as disturbance to a badger (when occupying a sett) can be found at: https://www.gov.uk/guidance/badgers-protection-surveys-and-licences

9.8 Birds

9.8.1 Birds - general protection

All species of bird are protected under *Section 1* of the *Wildlife and Countryside Act 1981* (as amended). The protection was extended by the CRoW Act.

The legislation makes it an offence to intentionally:

- kill, injure or take any wild bird;
- take, damage or destroy the nest of any wild bird while that nest is in use or being built; or
- take or destroy an egg of any wild bird.

9.8.2 Birds - specially protected species

Certain species of bird are listed on *Schedule 1* of the *Wildlife and Countryside Act 1981* (as amended) and receive protection under *Sections 1(4)* and *1(5)* of the Act. The protection was extended by the CRoW Act. The legislation confers special penalties where the above mentioned offences are committed for any such bird and also make it an offence to intentionally or recklessly:

- disturb any such bird, whilst building its nest or it is in or near a nest containing dependant young; or
- disturb the dependant young of such a bird.

9.9 Widespread species of reptile

Common lizard (*Zootoca vivipara*), grass snake (*Natrix natrix*), slow-worm (*Anguis fragilis*), and adder (*Vipera berus*) are listed under *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), in respect of *Section 9(5)* and part of *Section 9(1)*. This protection was extended by the CRoW Act.

Under the above legislation it is an offence to:

- intentionally or deliberately kill or injure any individual of such a species; or
- sell or attempt to sell any part of the species alive or dead.

9.10 European Protected Species Licences

Where it is necessary to carry out an action that could result in an offence under the *Conservation of Habitats & Species Regulations 2017* it is possible to apply for a European Protected Species (EPS) licence from Natural England. Licences are only issued where Natural England are satisfied that three derogation tests are met. These are that the activity is for **imperative reasons of overriding public interest**, that there must be **no satisfactory alternative** and that **favourable conservation status of the species must be maintained**.

Consideration of these three derogation tests was previously left to Natural England as part of their deliberations on whether to grant a licence for the development activity after a planning consent has been issued. However, the regulations now require that **all** public bodies, *i.e.* **Local Planning Authorities** (LPAs), have regard to the requirements of the European Habitats Directive when

carrying out their functions. As a result, LPAs **must** address the three derogation tests when considering a planning application that could impact upon any European Protected Species (EPS).

9.11 National planning context

9.11.1 General

Surveys should be completed in line with Natural England's *Standing Advice for Local Authorities* (https://www.gov.uk/guidance/protected-species-how-to-review-planning-applications). It should be noted:

- Natural England will not comment on applications that are submitted without the relevant protected species surveys if there are no other issues (*i.e.* in relation to SSSIs or landscape).
- Natural England will not comment on scoping surveys that recommend further surveys where these have not been undertaken and submitted with the scoping reports.

In addition to the above, *Section 40* of the *Natural Environment and Rural Communities Act* (2006) imposes a new duty on all public authorities to have regard for biodiversity.

9.11.2 National Planning Policy Framework (NPPF)

From the 19th February 2019, the Government published the revised National Planning Policy Framework. The document sets out the government's planning policies for England and how these are expected to be applied. This replaces a previous version which was published in March 2012. It states: "*at the heart of the Framework is a presumption in favour of sustainable development (paragraph 11).*"

Achieving sustainable development means that the planning system has three overarching objectives, which are interdependent and need to be pursued in mutually supportive ways (so that opportunities can be taken to secure net gains across each of the different objectives):

- an economic objective;
- a social objective; and
- an environmental objective.

The environmental objective is to "*contribute to protecting and enhancing our natural, built and historic environment; including making effective use of land, helping to improve biodiversity, using natural resources prudently, minimising waste and pollution, and mitigating and adapting to climate change, including moving to a low carbon economy*".

Planning policies and decisions should contribute to and enhance the natural and local environment by "*protecting and enhancing valued landscapes, sites of biodiversity or geological value and soils (in a manner commensurate with their statutory status or identified quality in the development plan)*" and "*minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures*".

If significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused.

Development on land within or outside a Site of Special Scientific Interest, and which is likely to have an adverse effect on it (either individually or in combination with other developments), should not normally be permitted.

Development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists.

It states that "*development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to incorporate biodiversity improvements in and around developments should be encouraged, especially where this can secure measurable net gains for biodiversity*".

It should be noted that the "*presumption in favour of sustainable development does not apply where the plan or project is likely to have a significant effect on a habitats site (either alone or in combination with other plans or projects), unless an appropriate assessment has concluded that the plan or project will not adversely affect the integrity of the habitats site*".

The NPPF also encourages "*minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures*" and aims to "*promote the conservation, restoration and enhancement of priority habitats, ecological networks and the protection and recovery of priority species; and identify and pursue opportunities for securing measurable net gains for biodiversity*". This applies to non-statutory designated sites including Sites of Importance for Nature Conservation (SINCs) and equivalent county wildlife sites.

Early engagement with all necessary stakeholders, including expert bodies, is encouraged by the NPPF.

10 APPENDIX B: RESULTS OF DATA SEARCH FOR PROTECTED AND NOTABLE SPECIES RECORDS

Search Area: Within 1km of the Tournerbury Woods
Date: 01/11/2019
HBIC Ref: 8720

See this Legislation Explanatory Document for a document explaining notable species statuses and legislation.

HBIC has its own extensive database of habitat and higher plant data for the County. In addition, HBIC hold copies of datasets belonging to partner organisations. Through data exchange agreements with these organisations HBIC is provided with regular database updates and can supply species information on their behalf. HBIC currently holds copies of the following datasets:

- Botanical Society of Britain and Ireland's (BSBI) vascular plant database for Hampshire
- British Bryological Society (Mosses, Liverworts, Hornworts)
- Butterfly Conservation's butterfly and moth database for Hampshire
- Hampshire Ornithological Society (HOS) bird records
- Hampshire Bat Group (HBG) Records of bat roost visits and sightings
- Survey data administered by the Hampshire and Isle of Wight Wildlife Trust (HIWWT):
    - Monitoring Survey for the Nail Fungus *Poronia punctata*
    - Alien and Native Crayfish
- Data administered by the Hampshire and Isle of Wight Wildlife Trust on behalf of:
    - Hampshire Amphibian and Reptile Recording Network (HARRN)
    - Hampshire Mammal Group (HMG)
- Hampshire records from The Bees, Wasps and Ants Recording Society (BWARS)
- Hampshire records from National Stag Beetle Surveys and 'Great Stag Hunts' run by the Peoples Trust for Endangered Species (PTES)
- Hampshire Odonata records from The Dragonfly Recording Network, maintained by the British Dragonfly Society (BDS)
- Spider and Fungi records gleaned from collections housed and curated by the Hampshire Cultural Trust (HCT)
- Independent Hampshire Entomologist's records
- Earthworm Society of Britain's records

The following are protected and notable species records from the datasets listed on the previous page, within the search area recorded in the last 15 years. For plants this has been extended to 30 years, for bats there is no time restriction:

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Amphibians & Reptiles									
Anguis fragilis	Slow-worm	NERC_s41 WCA_s5s91(t)	SU73010020		Former Brickworks, The Drift, Rowlands Castle, Po9 6dg	2015	2015	29	3
			SZ726995		Mengham, Hayling Island	2011	2011	5	7
Bufo bufo	Common Toad	NERC_s41	SU73010020		Former Brickworks, The Drift, Rowlands Castle, Po9 6dg	2015	2015	19	3
Natrix helvetica	Grass Snake	NERC_s41 WCA_s5s91(t)	SU73010020		Former Brickworks, The Drift, Rowlands Castle, Po9 6dg	2015	2015	35	3
Triturus cristatus	Great Crested Newt	EU_Hab_2np	SU7301002		Former Brickworks, The Drift, Rowlands Castle, Po9 6dg				
		EU_Hab_4							
		HBAP							
		NERC_s41							
		WCA_s5s94b							
		WCA_s5s94c							
									HabReg_s2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Acanthis cabaret	Lesser Redpoll	BOCC_Red NERC_s41	SZ7299		Hayling South Hayling	2010	2010	1	1
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	2	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	55	61
			SZ7498		Hb Sandy Point	1996	2015	321	290
			SZ7498		Sandy Point	2010	2010	37	34
Acanthis flammea	Common (Mealy) Redpoll	CI	SZ7498		Hb Sandy Point	2012	2012	1	1
Accipiter gentilis	Goshawk	WCA_s1p1 CR	SZ79		Sensitive	2007	2007	1	1
Acrocephalus scirpaceus	Reed Warbler	HBAP	SU7100		Lh West Hayling Shore	1996	2008	2	1
			SU7200		Ch Mill Rythe	2012	2012	1	1
			SU7300		Ch Mill Rythe	2009	2012	2	1
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	1	Present
			SZ7399		Ch East/mid Hayling	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	37	4
			SZ7498		Hb Sandy Point	1996	2015	106	18
Alauda arvensis	Skylark	BOCC_Red NERC_s41 HBAP	SU7100		Lh West Lane - Hayling	2004	2004	1	20
			SU7200		Ch Mill Rythe	1996	2009	2	100
			SU7200		Hayling Island	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	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
			SZ7198		Hb Beachlands - Hayling	2006	2006	1	5
			SZ7398		Ch Chichester Harbour	2010	2010	1	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	2
			SZ7498		Ch Black Point - Hayling	2008	2010	2	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	83	44
			SZ7498		Hb Sandy Point	1995	2015	446	1530
			SZ7499		Ch Chichester Harbour	2010	2010	1	12
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2006	3	4
Alcedo atthis	Kingfisher	EU_Bird_1 WCA_s1p1	SU7100		Lh West Hayling Shore	2014	2014	1	1
			SU7200		Hayling Island	2005	2005	1	1
			SU7300		CH Mill Rithe	2017	2017	1	1
			SU7300		Ch Tournerbury	2015	2015	1	1
			SU7301		Ch Mill Rythe	2006	2007	3	1
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	3	2
			SU737000		Ch Black Point - Hayling	2009	2009	1	1
			SU7400		Ch Chichester Harbour	2007	2007	2	1
			SZ7398		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
			SZ7398		Ch Lakeside Holiday Vill, E	2008	2009	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Hayling				
			SZ7399		Ch East Hayling	2004	2004	1	1
			SZ7399		Ch Tournerbury	2008	2008	1	1
			SZ7498		Ch Black Point - Hayling	2007	2010	57	2
			SZ7498		Ch Black Point - Hayling	2013	2014	5	1
			SZ7498		CH Hayling Island - Black Point	2017	2017	3	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	68	2
			SZ7498		Hb Sandy Point	1994	2015	209	3
			SZ7499		Ch Chichester Harbour	2010	2010	3	3
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2013	4	3
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	1
Anas clypeata	Shoveler	CR	SU7300		Ch Lakeside Holiday Vill, E Hayling	2007	2007	1	1
			SU7300		Ch Mill Rythe	2007	2007	1	2
			SU735009		Ch Mill Rythe	2007	2007	1	2
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	1	2
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2015	1	3
			SU737000		Ch Black Point - Hayling	2009	2009	1	6
			SU7400		Ch Black Point - Hayling	2007	2007	2	8
			SU7400		Ch Chichester Harbour	2007	2007	5	10
			SZ7198		Hb Hayling Bay	2001	2006	9	10

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7298		Hb Hayling Bay	2013	2013	2	74
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	4	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2006	2013	35	59
			SZ7399		Ch East/mid Hayling	2008	2008	1	2
			SZ7399		Ch Lakeside Holiday Vill, E Hayling	2007	2007	1	3
			SZ7399		Ch Tournerbury	1999	2007	2	2
			SZ7498		CH Hayling Island - Black Point	2017	2017	1	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	53	9
			SZ7498		Hb Sandy Point	1999	2015	194	88
			SZ7499		Ch Chichester Harbour	2009	2012	15	24
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	35	17
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	1
Anas querquedula	Garganey	WCA_s1p1	SU7400		Ch Chichester Harbour	2007	2007	1	1
			SZ7498		Hb Sandy Point	2013	2013	2	1
Anas strepera	Gadwall	HBAP	SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	30
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	3	20
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2016	3	30

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU7400		Ch Chichester Harbour	2007	2007	3	20
			SZ7198		Hb Hayling Bay	2006	2006	1	2
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	6	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2012	2	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	3	2
			SZ7498		Hb Sandy Point	1999	2015	32	24
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	6
			SZ7499		Ch Chichester Harbour	2009	2012	13	109
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	15	27
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	2
Anser albifrons	White-fronted Goose	BOCC_Red HBAP	SU7100		Lh Langstone Harbour	2014	2014	1	1
			SU7201		Hayling Island	2010	2010	1	Present
			SU7300		Ch Mill Rithe	2014	2014	1	1
			SU7300		Ch Tournerbury	2014	2014	2	1
			SZ7398		Hb Eastoke	2008	2008	1	3
			SZ7399		Ch Tournerbury	2015	2015	1	1
			SZ7498		Hb Sandy Point	2008	2010	3	3
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2013	2014	4	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Anthus campestris	Tawny Pipit	EU_Bird_1	SZ7498		Hb Sandy Point	2005	2005	1	1
Anthus petrosus	Rock Pipit	CR	SU7100		Lh Langstone Harbour	2014	2014	1	3
			SU7300		Hayling Island	2015	2015	1	1
			SZ730984		Hayling Island - Eastoke	2016	2016	1	5
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	4	1
			SZ7398		Ch Chichester Harbour	2009	2012	3	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	1
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	1	1
			SZ7398		Hb Eastoke	2014	2014	1	1
			SZ7399		Ch Tournerbury	2005	2005	1	2
			SZ7498		Ch Black Point - Hayling	2008	2008	1	1
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	61	3
			SZ7498		Hb Sandy Point	1997	2015	193	27
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2013	8	10
			SZ7499		Hb Sandy Point	2013	2013	1	1
Anthus spinoletta	Water Pipit	CS	SU7300		Ch Mill Rythe	2009	2009	2	3
			SZ7498		Hb Sandy Point	2006	2013	7	4
Anthus trivialis	Tree Pipit	BOCC_Red NERC_s41	SU7200		Ch Mill Rythe	2007	2007	1	2
			SZ7198		Hayling South Hayling	2012	2012	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7198		Hb Hayling Bay	2005	2005	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	32	3
			SZ7498		Hb Sandy Point	1993	2015	178	25
			SZ7499		Ch Black Point - Hayling	2008	2008	1	1
Ardea cinerea	Grey Heron	CS	SU7301		Ch Gutner Point, N Hayling	2008	2008	2	1
			SU733008		Ch Mill Rithe	2015	2015	1	1
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	2	5
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	13	4
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	19	10
			SU737000		Ch Black Point - Hayling	2009	2009	2	1
			SU7400		Ch Black Point - Hayling	2007	2007	5	1
			SU7400		Ch Chichester Harbour	1995	2007	14	44
			SZ7198		Hb Hayling Bay	2001	2005	3	2
			SZ731999		Ch Tournerbury	2015	2015	1	7
			SZ732998		Ch Tournerbury	1998	2013	10	18
			SZ7399		CH East/Mid Hayling	2008	2017	7	4
			SZ7399		Ch Tournerbury	1993	2014	12	18
			SZ7498		Ch Black Point - Hayling	2007	2010	5	2
			SZ7498		Ch Black Point - Hayling	2014	2014	3	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	84	3
			SZ7498		Hb Sandy Point	1999	2015	417	19

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Chichester Harbour	1995	2010	14	27
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	37	16
Arenaria interpres	Turnstone	HBAP	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
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	1	5
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	3	26
			SU737000		Ch Black Point - Hayling	2009	2009	2	18
			SU7400		Ch Black Point - Hayling	2007	2007	2	72
			SU7400		Ch Chichester Harbour	1995	2007	12	279
			SZ7198		Hb Beachlands - Hayling	2000	2006	8	110
			SZ7198		Hb Hayling Bay	1994	2006	31	330
			SZ730984		Hb Eastoke	2014	2014	3	50
			SZ7398		Ch Chichester Harbour	2009	2012	5	90
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2007	2008	4	120
			SZ7398		Hayling Island - Eastoke	2017	2017	1	2
			SZ7398		Hb Eastoke	2003	2012	4	85
			SZ7398		Hb Hayling Bay	1996	2005	2	150
			SZ7399		Ch East/mid Hayling	2008	2008	4	20
			SZ7498		Ch Black Point - Hayling	2008	2008	1	11

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	7	5
			SZ7498		Hayling South Hayling	2006	2006	2	12
			SZ7498		Hb Sandy Point	1996	2015	76	150
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	80
			SZ7499		Ch Chichester Harbour	1995	2012	15	284
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	61	100
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	80
			SZ7499		Hb Sandy Point	2013	2013	1	4
Asio flammeus	Short-eared Owl	EU_Bird_1	SU7201		Hayling Island	2015	2015	1	1
			SU730000		Ch Tournerbury	2006	2006	1	1
			SU7301		Ch Gutner Point, N Hayling	2015	2015	1	1
			SZ7198		Hb Hayling Bay	2015	2015	1	1
			SZ7399		Ch Tournerbury	1994	2012	7	3
			SZ7498		Hayling Island - Sandy Point	2016	2016	2	1
			SZ7498		Hb Sandy Point	1995	2015	41	2
			SZ7499		Ch Chichester Harbour	2010	2012	2	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2014	5	1
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	3	2
Asio otus	Long-eared Owl	CR	SZ79P		Sensitive	2010	2013	7	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Aythya ferina	Pochard	BOCC_Red HBAP CS	SU7400		Ch Chichester Harbour	2007	2007	1	5
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	2	Present
			SZ7498		Hayling Island - Sandy Point	2016	2016	2	1
			SZ7498		Hb Sandy Point	2003	2013	10	6
			SZ7499		Ch Chichester Harbour	2010	2010	5	12
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2010	2012	2	2
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	3
Aythya marila	Scaup	BOCC_Red NERC_s41 WCA_s1p1	SU7300		Ch Mill Rythe	2012	2012	3	1
			SU7301		Ch Mill Rythe	2012	2012	1	1
			SZ7298		Hayling Island - Hayling Bay	2017	2017	1	3
			SZ7498		Hb Sandy Point	2008	2013	3	4
			SZ7499		CH Chichester Hbr Hampshire Sectors	2005	2016	3	2
Branta bernicla	Dark-bellied Brent Goose	NERC_s41 HBAP	SU7100		Hayling Island	2014	2014	1	1
			SU7100		LH Langstone Harbour	1996	2017	5	950
			SU7201		Ch Mill Rithe	2013	2013	1	23
			SU7201		LH Hayling Island - West Lane	2017	2017	2	1000
			SU726009		CH Mill Rithe	2017	2017	3	1200
			SU7300		Ch Mill Rythe	2006	2009	6	1500
			SU7300		Ch Tournerbury	2014	2015	2	1120
			SU7301		Ch Chichester Hbr Hampshire Sectors	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU7301		Ch Gutner Point, N Hayling	2008	2008	1	700
			SU7301		Ch Mill Rithe	2013	2013	3	1200
			SU7301		Ch Mill Rythe	2007	2012	2	203
			SU733008		Ch Mill Rithe	2015	2015	1	36
			SU735005		Ch Tournerbury	2015	2015	1	150
			SU736004		Ch Chi Harbour Sussex & Hants	2013	2013	1	2426
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	14	2426
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	19	3496
			SU737000		Ch Black Point - Hayling	2009	2009	4	1758
			SU7400		Ch Black Point - Hayling	2007	2007	7	1176
			SU7400		Ch Chichester Harbour	1995	2007	15	9605
			SU7400		Ch Chichester Hbr Hampshire Sectors	2003	2016	7	2500
			SU7400		Ch Mill Rythe	2010	2010	1	Present
			SU7400		CH_N_shore Emsworth Channel	2017	2017	2	1200
			SZ7198		Hayling Island - Beachlands	2017	2017	1	150
			SZ7198		Hb Hayling Bay	1996	2008	23	180
			SZ7199		West Town Hayling	2008	2008	1	220
			SZ719999		Hayling Island - Hayling Bay	2017	2017	1	2
			SZ7298		Ch Fishery Creek	2013	2013	1	100
			SZ7298		Hb Hayling Bay	2004	2013	9	785
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	1	4

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		Ch Chichester Harbour	2010	2010	2	Present
			SZ7398		CH Fishery Creek	2017	2017	1	150
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2008	2008	2	124
			SZ7398		Hb Hayling Bay	2013	2013	1	100
			SZ7399		Ch East/mid Hayling	2007	2008	8	1500
			SZ7399		Ch Mengham	2012	2012	1	120
			SZ7399		Ch Mill Rithe	2013	2013	2	2426
			SZ7399		Ch Tournerbury	2007	2012	6	1952
			SZ7498		Ch Black Point - Hayling	2006	2009	4	1100
			SZ7498		Ch Black Point - Hayling	2013	2013	1	180
			SZ7498		Ch Chichester Hbr Hampshire Sectors	2006	2006	1	116
			SZ7498		Hayling Island - Sandy Point	2016	2017	55	500
			SZ7498		Hayling South Hayling	2006	2006	4	450
			SZ7498		Hb Sandy Point	1994	2015	311	4000
			SZ7499		Ch Black Point - Hayling	2008	2008	1	6
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	9	282
			SZ7499		Ch Chichester Harbour	1995	2012	39	8569
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	90	5390
			SZ7499		CH Hayling Island - Black Point	2017	2017	2	300
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	15	1200
			SZ7499		Hb Sandy Point	2010	2013	2	300

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Branta leucopsis	Barnacle Goose	EU_Bird_1	SU7300		Ch Mill Rythe	2008	2008	1	2
			SU7301		Ch Gutner Point, N Hayling	2008	2008	1	2
			SZ7399		Ch East/mid Hayling	2008	2008	1	2
			SZ7399		Ch Tournerbury	2001	2005	2	7
			SZ7498		Ch Black Point - Hayling	2008	2008	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2016	1	3
			SZ7498		Hb Sandy Point	1997	2013	8	5
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	1
			SZ7499		CH Chichester Hbr Hampshire Sectors	2006	2016	4	2
Branta ruficollis	Red-breasted Goose	EU_Bird_1	SZ7399		Ch Tournerbury	2007	2007	1	1
			SZ7498		Ch Black Point - Hayling	2008	2008	1	1
			SZ7498		Hb Sandy Point	2008	2008	1	1
			SZ7499		Ch Chichester Harbour	2010	2010	3	Present
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2008	2013	9	1
			SZ7499		Hb Sandy Point	2007	2007	1	1
Burhinus oedicnemus	Stone-curlew	EU_Bird_1 NERC_s41 WCA_s1p1 HBAP CS	SZ79		Sensitive	1996	2006	3	1
			SZ79		Sensitive	2005	2005	3	1
Calcarius lapponicus	Lapland Bunting	WCA_s1p1	SU7201		Hayling Bay	2010	2010	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7198		Hayling Bay	2010	2010	1	1
			SZ7298		Hayling Bay	2010	2010	1	1
			SZ7498		Hb Sandy Point	2011	2011	4	1
			SZ7498		Sandy Point	2010	2010	6	1
Calidris alba	Sanderling	HBAP	SU7200		Hayling Island	2013	2013	1	1
			SU737000		Ch Black Point - Hayling	2009	2009	2	8
			SU7400		Ch Black Point - Hayling	2007	2007	6	250
			SU7400		Ch Chichester Harbour	1995	2007	15	324
			SZ7198		Hayling Island	2015	2015	1	4
			SZ7198		Hayling Island - Hayling Bay	2016	2016	1	2
			SZ7198		Hb Beachlands - Hayling	2000	2013	9	152
			SZ7198		Hb Hayling Bay	1993	2009	76	340
			SZ7298		Ch Black Point - Hayling	2007	2007	1	30
			SZ7298		Hb Hayling Bay	2003	2015	8	300
			SZ730984		Hb Eastoke	2014	2014	3	67
			SZ7398		Hb Eastoke	1998	2014	46	451
			SZ7398		Hb Hayling Bay	1996	2005	4	137
			SZ7498		Ch Black Point - Hayling	2006	2009	2	250
			SZ7498		Ch Black Point - Hayling	2013	2014	5	200
			SZ7498		Hayling Island - Sandy Point	2016	2017	65	320
			SZ7498		Hayling South Hayling	2006	2006	3	170
			SZ7498		Hb Sandy Point	1993	2015	400	400
			SZ7499		Ch Black Point - Hayling	1993	2008	24	500

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Black Point - Hayling	2014	2015	3	40
			SZ7499		Ch Chichester Harbour	1995	2012	12	212
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	54	200
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	4
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	3	70
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	2
			SZ7499		Hb Sandy Point	2007	2013	7	250
Calidris alpina	Dunlin	HBAP	SU7201		Ch Verner Common	2005	2005	8	876
			SU7300		Ch Mill Rythe	2007	2009	2	100
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	600
			SU7301		Ch Mill Rithe	2013	2013	2	700
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	2069
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	4	700
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	7	600
			SU737000		Ch Black Point - Hayling	2009	2009	5	2009
			SU7400		Ch Black Point - Hayling	2007	2007	6	4500
			SU7400		Ch Chichester Harbour	1995	2007	14	18759
			SZ7198		Hb Hayling Bay	1998	2006	7	45
			SZ7398		Hb Eastoke	2003	2012	12	140
			SZ7399		Ch East/mid Hayling	2008	2008	8	5000

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7399		Ch Mill Rithe	2013	2013	1	500
			SZ7498		Ch Black Point - Hayling	2013	2014	2	2000
			SZ7498		Hayling Island - Sandy Point	2016	2017	33	1000
			SZ7498		Hayling South Hayling	2006	2006	3	3000
			SZ7498		Hb Sandy Point	1994	2015	148	400
			SZ7499		Ch Chichester Harbour	1995	2012	21	14363
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2012	68	5000
			SZ7499		CH Hayling Island - Black Point	2017	2017	2	200
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	18
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	300
			SZ7499		Hb Sandy Point	2010	2013	2	100
Calidris canutus	Knot	HBAP	SU7201		Ch Verner Common	2005	2005	5	310
			SU7300		Ch Mill Rythe	2005	2009	2	5
			SU7301		Ch Gutner Point, N Hayling	2008	2015	3	30
			SU7301		Ch Mill Rythe	2010	2010	1	Present
			SU737000		Ch Black Point - Hayling	2009	2009	1	46
			SU7400		Ch Black Point - Hayling	2007	2007	4	50
			SU7400		Ch Chichester Harbour	1995	2007	11	1060
			SZ7298		Ch Black Point - Hayling	2007	2007	1	20
			SZ7398		Hb Eastoke	2007	2007	2	2
			SZ7399		Ch East/mid Hayling	2008	2008	6	2000
			SZ7498		Ch Chichester Hbr Hampshire	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Sectors				
			SZ7498		Hayling Island - Sandy Point	2016	2017	6	50
			SZ7498		Hayling South Hayling	2006	2006	3	300
			SZ7498		Hb Sandy Point	1997	2014	21	45
			SZ7499		Ch Black Point - Hayling	1994	2008	9	450
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	2	300
			SZ7499		Ch Chichester Harbour	1995	2012	29	2180
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2002	2016	73	828
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	10
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	2
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	12
			SZ7499		Hb Sandy Point	2007	2008	3	100
Calidris maritima	Purple Sandpiper	WCA_s1p1	SZ7198		Hb Hayling Bay	2001	2008	2	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	4	1
			SZ7498		Hb Sandy Point	1993	2015	57	5
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	1
Calidris pugnax	Ruff	EU_Bird_1 BOCC_Red WCA_s1p1	SU7300		Ch Mill Rythe	2007	2007	1	1
			SZ7498		Hb Sandy Point	2007	2015	7	1
Calonectris	Cory's Shearwater	EU_Bird_1	SZ7198		Hb Hayling Bay	2006	2006	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
diomedea			SZ7498		Hb Sandy Point	2007	2007	1	1
Caprimulgus europaeus	Nightjar	EU_Bird_1 NERC_s41 HBAP CI	SZ7498		Hayling Island - Sandy Point	2016	2017	3	1
			SZ7498		Hb Sandy Point	2010	2010	1	Present
Cettia cetti	Cetti's Warbler	WCA_s1p1 HBAP CS	SZ7498		Hayling Island - Sandy Point	2016	2017	19	2
			SZ7498		Hb Sandy Point	1997	2014	3	1
Charadrius dubius	Little Ringed Plover	WCA_s1p1 CS	SU70F		Sensitive	2007	2007	1	1
			SU70K		Sensitive	2007	2007	1	1
			SZ79P		Sensitive	1995	2015	3	1
			SZ79P		Sensitive	2010	2010	1	1
Charadrius hiaticula	Ringed Plover	BOCC_Red	SU7201		Ch Verner Common	2005	2005	1	1
			SU737000		Ch Black Point - Hayling	2009	2009	5	110
			SU7400		Ch Black Point - Hayling	2007	2007	5	220
			SU7400		Ch Chichester Harbour	1995	2007	15	365
			SZ7198		Hb Hayling Bay	2000	2005	8	200
			SZ7398		Hb Eastoke	2003	2014	21	400
			SZ7498		Ch Black Point - Hayling	1996	2006	2	150
			SZ7498		Ch Black Point - Hayling	2013	2013	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	15	200
			SZ7498		Hayling South Hayling	2006	2006	3	100

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1999	2015	46	200
			SZ7499		Ch Black Point - Hayling	1995	2007	3	265
			SZ7499		Ch Chichester Harbour	1995	2012	17	249
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2012	54	350
			SZ7499		Hb Sandy Point	2010	2013	2	46
Chlidonias niger	Black Tern	EU_Bird_1 WCA_s1p1	SU7200		CH Hayling Island - Black Point	2017	2017	1	12
			SU7200		LH West Hayling LNR (Oysterbeds)	2017	2017	1	35
			SU7300		Ch Mill Rythe	2010	2010	1	Present
			SU7400		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	7
			SU7400		CH_N_shore Emsworth Channel	2017	2017	5	39
			SZ7198		Hb Hayling Bay	1998	2005	10	8
			SZ7298		Hb Hayling Bay	2008	2008	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	16	21
			SZ7498		Hb Sandy Point	1993	2015	152	20
			SZ7499		Ch Chichester Harbour	2009	2010	14	5
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	4	5
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	17	39
Chroicocephalus ridibundus	Black-headed Gull	CR	SU7201		Ch Mill Rithe	2013	2013	1	29
			SU7301		Ch Mill Rithe	2013	2013	1	132
			SU736004		CH Chichester Hbr Hampshire	2016	2016	2	191

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Sectors				
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	13	164
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2016	11	132
			SU737000		Ch Black Point - Hayling	2009	2009	2	32
			SU7400		Ch Chichester Harbour	2007	2007	6	2344
			SZ7198		Hb Hayling Bay	1995	2004	2	1000
			SZ7298		Ch Fishery Creek	2013	2013	1	100
			SZ737988		Selsmore Boating Lake	2014	2014	1	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2012	2012	1	100
			SZ7399		Ch East/mid Hayling	2008	2008	2	10
			SZ7399		Ch Mill Rithe	2013	2013	2	164
			SZ7498		Ch Black Point - Hayling	2013	2013	1	15
			SZ7498		Hayling Island - Sandy Point	2016	2017	5	1000
			SZ7498		Hayling South Hayling	2006	2006	4	100
			SZ7498		Hb Sandy Point	2000	2014	15	1000
			SZ7499		Ch Chichester Harbour	2010	2010	12	3946
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	27	10000
			SZ7499		Hb Sandy Point	2013	2013	1	12

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Ciconia ciconia	White Stork	EU_Bird_1	SZ7498		Hb Sandy Point	2012	2012	1	5
Circus aeruginosus	Marsh Harrier	EU_Bird_1 WCA_s1p1 CR	SZ7298		Hb Hayling Bay	2013	2013	1	1
			SZ7399		Ch East Hayling	1993	2005	3	1
			SZ7399		Ch Tournerbury	2006	2010	2	1
			SZ7498		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	4	1
			SZ7498		Hb Sandy Point	1997	2013	18	2
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	1
			SZ7499		Ch Chichester Harbour	2010	2010	2	Present
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2012	2014	5	1
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	1
Circus cyaneus	Hen Harrier	EU_Bird_1 BOCC_Red NERC_s41 WCA_s1p1 HBAP	SU7100		Hayling South Hayling	2009	2009	1	1
			SU7201		Hayling Island	2010	2010	1	Present
			SU7300		Hayling Island	2007	2007	1	1
			SU7400		Ch Emsworth Channel	2005	2005	1	1
			SZ7498		Hb Sandy Point	1995	2014	6	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Circus pygargus	Montagu's Harrier	EU_Bird_1 WCA_s1p1 HBAP CR	SZ79		Sensitive	2009	2009	2	1
Clangula hyemalis	Long-tailed Duck	BOCC_Red WCA_s1p1	SU7201		Hayling Island	2010	2010	1	Present
			SU7201		Hb Hayling Bay	2010	2010	2	Present
			SU7201		LH Hayling Island - West Lane	2017	2017	1	2
			SU7300		Ch Mill Rythe	2009	2009	3	2
			SU7400		Ch Chichester Harbour	2009	2009	2	2
			SU7400		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	2
			SU7400		Ch Emsworth Channel	1993	2009	14	2
			SU7400		Ch Fishery Creek	2014	2014	1	2
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	1
			SZ7298		Hb Hayling Bay	2013	2013	1	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	2
			SZ7498		Hayling Island - Sandy Point	2017	2017	2	1
			SZ7498		Hb Sandy Point	1995	2009	2	2
			SZ7499		Ch Chichester Harbour	2009	2009	31	2
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2016	14	3
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Coccothraustes coccothraustes	Hawfinch	BOCC_Red NERC_s41 HBAP CI	SZ7498		Hayling Island - Sandy Point	2017	2017	3	1
			SZ7498		Hb Sandy Point	2008	2012	3	2
			SZ7498		Sandy Point	2010	2010	2	1
Cuculus canorus	Cuckoo	BOCC_Red NERC_s41	SU7100		Lh West Hayling Shore	1994	2015	2	1
			SU7200		Ch Mill Rythe	2008	2008	1	1
			SU7300		Ch Mill Rythe	2010	2010	1	Present
			SU7301		Ch Gutner Point, N Hayling	2007	2007	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	6	1
			SZ7498		Hb Sandy Point	1997	2015	47	1
Cygnus columbianus	Bewick's Swan	EU_Bird_1 WCA_s1p1 HBAP	SZ7398		Hb Eastoke	2010	2010	1	Present
			SZ7498		Hb Sandy Point	2010	2010	1	Present
Cygnus columbianus subsp. bewickii	Bewick's Swan	EU_Bird_1 NERC_s41 WCA_s1p1 HBAP	SZ7499		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	2
Cygnus cygnus	Whooper Swan	EU_Bird_1 WCA_s1p1	SZ7498		Hb Sandy Point	2007	2007	1	2
Egretta garzetta	Little Egret	EU_Bird_1	SU7300		Ch Gutner Point, N Hayling	2009	2009	2	58

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		HBAP CR	SU7300		Ch Mill Rythe	2005	2005	1	29
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	42
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	10
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	9	31
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	20	18
			SU737000		Ch Black Point - Hayling	2009	2009	4	13
			SU7400		Ch Black Point - Hayling	2007	2007	5	6
			SU7400		Ch Chichester Harbour	1995	2007	14	264
			SZ731999		Ch Tournerbury	2015	2015	1	2
			SZ732998		Ch Tournerbury	2009	2014	2	1
			SZ738985		CH Fishery Creek	2017	2017	2	6
			SZ7399		Ch East/mid Hayling	2008	2008	11	42
			SZ7399		Ch Mill Rithe	2013	2013	1	31
			SZ7399		Ch Tournerbury	1993	2008	20	223
			SZ740990		CH Fishery Creek	2017	2017	2	6
			SZ7498		Ch Black Point - Hayling	1995	2008	4	11
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	58	6
			SZ7498		Hayling South Hayling	2006	2006	1	1
			SZ7498		Hb Sandy Point	1993	2015	594	8
			SZ7499		Ch Chichester Harbour	1995	2010	15	219

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2012	49	121
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	10
			SZ7499		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	10
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	5	49
Emberiza calandra	Corn Bunting	BOCC_Red HBAP CS	SZ7498		Hb Sandy Point	1995	2014	4	1
			SZ7498		Over Wallop	2007	2007	1	3
Emberiza citrinella	Yellowhammer	BOCC_Red NERC_s41	SU7300		Ch Mill Rythe	2011	2011	1	1
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	3	1
			SZ7498		Hb Sandy Point	1997	2015	54	3
			SZ7498		Sandy Point	2010	2010	6	1
Emberiza hortulana	Ortolan Bunting	EU_Bird_1	SZ7498		Hb Sandy Point	2013	2013	1	1
Emberiza schoeniclus	Reed Bunting	NERC_s41 HBAP	SU7300		Ch Mill Rythe	2012	2012	1	1
			SZ7398		Ch Chichester Harbour	2011	2011	1	1
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	1
			SZ7498		Ch Black Point - Hayling	2012	2012	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	61	6
			SZ7498		Hb Sandy Point	1995	2015	247	40
			SZ7498		Sandy Point	2010	2010	24	9
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2006	1	1
Eremophila alpestris	Shore Lark	WCA_s1p1	SZ7198		Hayling Island - Eastoke	2016	2016	3	1
			SZ730984		Hayling Island - Eastoke	2016	2016	1	1
			SZ7398		Hayling Island - Eastoke	2016	2016	1	1
			SZ7498		Hayling Island - Eastoke	2016	2016	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2016	2	1
			SZ7498		Hb Sandy Point	2009	2009	1	1
Falco columbarius	Merlin	EU_Bird_1 BOCC_Red WCA_s1p1 HBAP	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
			SZ7198		Hb Hayling Bay	2004	2004	1	1
			SZ7398		Ch Chichester Harbour	2012	2012	1	1
			SZ7399		Ch East/mid Hayling	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	4	1
			SZ7498		Hb Sandy Point	1999	2015	32	22
			SZ7499		Ch Chichester Harbour	2010	2010	2	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2014	9	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Falco peregrinus	Peregrine	EU_Bird_1 WCA_s1p1 CR	SU70		Sensitive	1994	2010	7	2
			SU70		Sensitive	1994	2015	18	2
			SU70		Sensitive	1998	2017	6	1
			SZ79		Sensitive	1993	2008	11	2
			SZ79		Sensitive	1995	2017	190	2
			SZ79		Sensitive	1999	2017	146	2
			SZ79		Sensitive	2000	2006	8	1
			SZ79		Sensitive	2007	2007	1	1
			SZ79		Sensitive	2010	2017	5	1
Falco subbuteo	Hobby	WCA_s1p1 HBAP CI	SU70F		Sensitive	2005	2010	2	1
			SU70F		Sensitive	2007	2007	1	1
			SU70F		Sensitive	2009	2009	1	1
			SZ79E		Sensitive	1997	2012	5	2
			SZ79J		Sensitive	2009	2009	2	1
			SZ79J		Sensitive	2016	2016	1	1
			SZ79P		Sensitive	1993	2017	91	3
			SZ79P		Sensitive	2012	2017	3	1
Ficedula hypoleuca	Pied Flycatcher	BOCC_Red CR	SU7100		LH Hayling Island - West Lane	2016	2016	1	1
			SU7201		Hayling Island	2008	2015	8	1
			SU7300		Ch Mill Rythe	2008	2008	1	1
			SZ7198		Hayling South Hayling	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	7	1
			SZ7498		Hb Sandy Point	1994	2015	41	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Fringilla montifringilla	Brambling	WCA_s1p1	SZ7498		Hayling Island	2004	2004	1	5
			SZ7498		Hayling Island - Sandy Point	2016	2017	21	5
			SZ7498		Hb Sandy Point	1996	2015	118	75
			SZ7498		Sandy Point	2010	2010	25	12
Gallinago gallinago	Snipe	HBAP CS	SU7300		Ch Tournerbury	2008	2008	1	10
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	2	2
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	7	6
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	6	3
			SU737000		Ch Black Point - Hayling	2009	2009	1	2
			SU7400		Ch Chichester Harbour	2007	2007	7	152
			SZ7399		Ch East/mid Hayling	2008	2008	1	5
			SZ7498		CH Hayling - Black Point	2016	2016	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	36	4
			SZ7498		Hb Sandy Point	1996	2015	299	21
			SZ7499		Ch Chichester Harbour	2010	2010	8	236
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2014	14	22
Gavia	Indet. Diver	WCA_s1p1	SZ7198		Hb Hayling Bay	1994	2006	17	5
			SZ7498		Hb Sandy Point	1993	2012	84	7
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2008	7	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Gavia arctica	Black-throated Diver	EU_Bird_1 WCA_s1p1	SU7400		Ch Chichester Hbr Hampshire Sectors	2010	2012	4	1
			SU7400		CH_N_shore Emsworth Channel	2017	2017	6	2
			SZ7198		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7298		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7298		Hb Hayling Bay	2006	2012	2	1
			SZ7498		Ch Black Point - Hayling	2014	2014	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	9	1
			SZ7498		Hb Sandy Point	1993	2014	46	2
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	5	1
			SZ7499		Ch Chichester Harbour	2010	2012	14	2
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	31	2
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	29	3
			SZ7499		Hb Sandy Point	2007	2007	1	1
Gavia immer	Great Northern Diver	EU_Bird_1 WCA_s1p1	SU7100		LH Langstone Harbour	2017	2017	1	1
			SU7201		Hb Hayling Bay	2010	2010	1	Present
			SU7400		Ch Chichester Harbour	1995	2007	4	3
			SU7400		Ch Chichester Hbr Hampshire Sectors	2008	2016	7	2
			SU7400		CH_N_shore Emsworth Channel	2017	2017	3	2
			SZ7198		Hb Beachlands - Hayling	2005	2010	2	1
			SZ7198		Hb Hayling Bay	1994	2008	25	3
			SZ7298		Hb Eastoke	2004	2013	3	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7298		Hb Hayling Bay	2004	2014	5	2
			SZ7398		Hb Eastoke	2010	2013	2	1
			SZ7498		Ch Black Point - Hayling	2014	2014	2	1
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	30	3
			SZ7498		Hayling South Hayling	2006	2006	1	1
			SZ7498		Hb Sandy Point	1995	2015	183	6
			SZ7499		Ch Black Point - Hayling	2007	2008	4	3
			SZ7499		Ch Chichester Harbour	2009	2012	22	2
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	91	5
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	18	3
			SZ7499		Hb Sandy Point	2007	2007	3	1
Gavia stellata	Red-throated Diver	EU_Bird_1 WCA_s1p1	SU7400		CH Chi Hbr Entrance/Lifeboat Stn	2016	2016	1	1
			SU7400		Ch Chichester Hbr Hampshire Sectors	2012	2016	3	1
			SU7400		Ch Emsworth Channel	1995	2004	3	1
			SZ7198		Hb Beachlands - Hayling	2006	2012	3	2
			SZ7198		Hb Hayling Bay	1993	2010	21	7
			SZ7298		Hayling Island - Hayling Bay	2017	2017	3	4
			SZ7298		Hb Hayling Bay	2004	2013	9	4
			SZ730984		Hayling Island - Eastoke	2017	2017	1	2
			SZ7398		Hayling Island	2012	2012	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		Hb Eastoke	2006	2012	3	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	40	28
			SZ7498		Hb Sandy Point	1995	2015	203	12
			SZ7499		Ch Black Point - Hayling	2008	2008	1	1
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	1
			SZ7499		Ch Chichester Harbour	2009	2009	7	2
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	34	4
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	9	1
Haematopus ostralegus	Oystercatcher	CS	SU7201		Ch Verner Common	2005	2005	10	92
			SU7300		CH Mill Rithe	2016	2016	1	158
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	100
			SU733008		Ch Mill Rithe	2015	2015	1	4
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	4	2
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	11	4
			SU737000		Ch Black Point - Hayling	2009	2009	4	166
			SU7400		Ch Black Point - Hayling	2007	2007	5	172
			SU7400		Ch Chichester Harbour	1995	2007	14	1376
			SZ7198		Hb Hayling Bay	2000	2005	11	12
			SZ7399		Ch East/mid Hayling	2008	2008	12	120
			SZ7498		Hayling Island - Sandy Point	2017	2017	4	5
			SZ7498		Hayling South Hayling	2006	2006	4	38

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1995	2015	105	77
			SZ7499		Ch Black Point - Hayling	1995	2007	2	140
			SZ7499		Ch Chichester Harbour	1995	2012	21	1747
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	89	500
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	100
			SZ7499		Hb Sandy Point	2007	2010	2	95
Haliaeetus albicilla	White-tailed Eagle	EU_Bird_1 WCA_s1p1	SZ7498		Hb Sandy Point	2010	2010	1	Present
Hydrobates pelagicus	Storm Petrel	EU_Bird_1	SZ7198		Hb Hayling Bay	1996	2006	9	6
			SZ7298		Hb Hayling Bay	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2017	2017	4	4
			SZ7498		Hb Sandy Point	2006	2012	15	24
Hydrocoloeus minutus	Little Gull	EU_Bird_1 WCA_s1p1	SU7201		Hayling Island	2015	2015	1	1
			SU7400		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	1
			SU7400		Ch Emsworth Channel	2004	2004	1	1
			SZ7198		Hb Hayling Bay	1995	2014	30	108
			SZ7298		Hayling Island	2006	2006	1	1
			SZ7298		Hayling Island - Hayling Bay	2016	2016	1	1
			SZ7298		Hb Hayling Bay	2008	2014	6	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	17	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1993	2015	164	39
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2014	13	3
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	1
Hydroprogne caspia	Caspian Tern	EU_Bird_1	SZ7498		Hb Sandy Point	2006	2006	1	1
Jynx torquilla	Wryneck	WCA_s1p1	SU7201		Hayling Island	2010	2010	10	Present
			SU7300		Ch Mill Rythe	2005	2005	1	1
			SU7301		Ch Gutner Point, N Hayling	2014	2014	1	1
			SZ7498		Hb Sandy Point	1994	2013	13	1
Lanius collurio	Red-backed Shrike	EU_Bird_1 BOCC_Red WCA_s1p1	SU7200		Ch Mill Rythe	2007	2007	3	1
			SU7201		Ch Mill Rythe	2007	2007	1	1
			SU726006		Ch Mill Rythe	2007	2007	2	1
			SU728007		Ch Mill Rythe	2007	2007	2	1
			SU7300		Ch Mill Rythe	2007	2007	5	1
			SZ7498		Hb Sandy Point	2002	2014	15	1
Larus argentatus	Herring Gull	BOCC_Red CR	SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	3	51
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	7	2
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2016	7	4
			SU737000		Ch Black Point - Hayling	2009	2009	2	4

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU7400		Ch Chichester Harbour	2007	2007	5	54
			SU7400		Ch Chichester Hbr Hampshire Sectors	2012	2012	1	1
			SZ7198		Hayling Island - Hayling Bay	2017	2017	1	52
			SZ7198		Hb Beachlands - Hayling	2007	2009	3	80
			SZ7198		Hb Hayling Bay	2006	2010	4	400
			SZ7298		Hb Hayling Bay	2014	2014	1	1500
			SZ7398		Hb Eastoke	2007	2012	2	300
			SZ7399		Ch East/mid Hayling	2008	2008	1	5
			SZ7498		Hayling Island - Sandy Point	2016	2017	5	200
			SZ7498		Hayling South Hayling	2006	2006	3	100
			SZ7498		Hb Sandy Point	1999	2013	14	600
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	100
			SZ7499		Ch Chichester Harbour	2010	2012	18	56
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	26	130
Larus fuscus	Lesser Black-backed Gull	BOCC_Red CR	SU7400		Ch Chichester Harbour	2007	2007	1	1
			SZ7198		Hb Beachlands - Hayling	2007	2007	1	1
			SZ7198		Hb Hayling Bay	1996	2009	15	74
			SZ7398		Hb Eastoke	2007	2007	1	2
			SZ7498		Hayling Island	2015	2015	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	42	8
			SZ7498		Hb Sandy Point	1996	2015	82	54

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Chichester Harbour	2009	2010	8	6
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2008	2014	14	9
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	1
Larus marinus	Great Black-backed Gull	CR	SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	2
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2016	3	1
			SU7400		Ch Chichester Harbour	2007	2007	5	47
			SZ7399		Ch East/mid Hayling	2008	2008	1	50
			SZ7498		Hayling Island - Sandy Point	2016	2017	3	20
			SZ7498		Hayling South Hayling	2006	2006	3	50
			SZ7498		Hb Sandy Point	2003	2013	16	100
			SZ7499		Ch Chichester Harbour	2010	2010	11	76
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2012	20	200
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	2
			SZ7499		Hb Sandy Point	2013	2013	1	1
Larus melanocephalus	Mediterranean Gull	EU_Bird_1 WCA_s1p1 HBAP CR	SU7100		LH Langstone Harbour	2016	2016	1	30
			SU7200		Ch Mill Rythe	2009	2009	1	1
			SU7201		Ch Verner Common	2004	2004	1	20
			SU7300		CH East/Mid Hayling	2017	2017	1	1
			SU7300		Ch Mill Rithe	2015	2015	1	12
			SU7300		Ch Mill Rythe	2004	2010	22	84

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU7300		Hayling Island	2005	2005	1	80
			SU7301		Ch Mill Rythe	2007	2007	2	46
			SU7301		Hayling Island	2005	2005	2	39
			SU733009		Ch Mill Rythe	2009	2009	1	30
			SU734009		Ch East Hayling	2004	2004	1	114
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	31
			SU736004		CH Tournerbury & M Rithe (Webs)	2016	2016	1	22
			SU7400		Ch Chichester Harbour	2007	2007	6	12
			SZ7198		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7198		Hayling South Hayling	2012	2012	5	1
			SZ7198		Hb Beachlands - Hayling	1997	2010	242	9
			SZ7198		Hb Hayling Bay	1993	2010	144	11
			SZ7199		Hayling Park	2008	2010	2	1
			SZ723986		Hb Hayling Bay	2006	2007	2	3
			SZ7298		Hayling Island	2003	2007	11	3
			SZ7298		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7298		Hb Beachlands - Hayling	2004	2008	5	6
			SZ7298		Hb Eastoke	2009	2009	2	1
			SZ7298		Hb Hayling Bay	1994	2014	17	3
			SZ7298		South Hayling	2004	2005	2	3
			SZ7299		Hayling Island, Elm Grove	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7299		Hayling Island, Linden Grove	2009	2009	1	1
			SZ7299		South Hayling	1999	2006	20	6
			SZ738985		CH Fishery Creek	2017	2017	1	2
			SZ7398		CH Chichester Hbr Hampshire Sectors	2016	2016	1	14
			SZ7398		Ch Fishery Creek	2009	2009	3	2
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	4	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2007	2009	4	2
			SZ7398		Hb Eastoke	1999	2014	11	9
			SZ7399		Ch Tournerbury	2007	2007	2	15
			SZ740990		CH Fishery Creek	2017	2017	1	2
			SZ7498		Ch Black Point - Hayling	2009	2009	1	1
			SZ7498		Ch Selsmore	2010	2010	2	Present
			SZ7498		Hayling Island	2010	2013	2	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	21	100
			SZ7498		Hayling South Hayling	2010	2010	1	1
			SZ7498		Hb Eastoke	2009	2009	4	2
			SZ7498		Hb Hayling Bay	2010	2010	1	4
			SZ7498		Hb Sandy Point	1993	2015	221	300
			SZ7499		Ch Black Point - Hayling	1994	2008	6	3
			SZ7499		Ch Chichester Harbour	2009	2010	15	56
			SZ7499		Ch Chichester Hbr Hampshire	2002	2016	42	350

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Sectors				
			SZ7499		Ch Lakeside Holiday Vill, E Hayling	2009	2009	3	2
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	50
Limosa lapponica	Bar-tailed Godwit	EU_Bird_1 HBAP	SU7201		Ch Verner Common	2005	2005	9	600
			SU7300		Ch Mill Rythe	2009	2009	1	1
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	400
			SU7301		Ch Mill Rithe	2015	2015	1	5
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	1	2
			SU736004		CH Tournerbury & M Rithe (Webs)	2016	2016	1	1
			SU737000		Ch Black Point - Hayling	2009	2009	1	1
			SU7400		Ch Black Point - Hayling	2007	2007	1	20
			SU7400		Ch Chichester Harbour	1995	2007	12	656
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	2
			SZ7198		Hb Hayling Bay	1993	2006	9	120
			SZ7298		Hb Hayling Bay	2008	2009	2	15
			SZ7399		Ch East/mid Hayling	2008	2008	8	400
			SZ7399		Ch Mengham	2005	2005	1	50
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	15	26

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Limosa limosa	Black-tailed Godwit	BOCC_Red WCA_s1p1 HBAP CI	SZ7498		Hayling South Hayling	2006	2006	2	18
			SZ7498		Hb Sandy Point	1993	2015	140	415
			SZ7499		Ch Black Point - Hayling	2015	2015	1	5
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	38
			SZ7499		Ch Chichester Harbour	1995	2012	37	1006
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	91	600
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	150
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	2
			SZ7499		Hb Sandy Point	2008	2013	3	33
			SU7201		Ch Verner Common	1999	2005	8	222
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2013	1	1
			SU737000		Ch Black Point - Hayling	2009	2009	1	1
			SU7400		Ch Black Point - Hayling	2007	2007	1	12
			SU7400		Ch Chichester Harbour	1995	2007	12	775
			SU7400		Ch Chichester Hbr Hampshire Sectors	2010	2010	1	Present
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	4	18
			SZ7398		Ch Chichester Harbour	2009	2012	16	22
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2007	2016	24	51
			SZ7398		Ch Fishery Creek	2010	2010	1	Present
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	9	10

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7399		Ch East/mid Hayling	2008	2008	6	15
			SZ7399		Ch Tournerbury	2005	2005	1	30
			SZ7498		Ch Black Point - Hayling	2007	2010	28	7
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		CH Hayling Island - Black Point	2017	2017	2	1
			SZ7498		Hayling Island - Sandy Point	2017	2017	2	7
			SZ7498		Hb Sandy Point	1999	2015	17	34
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	3	5
			SZ7499		Ch Chichester Harbour	1995	2010	19	817
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	49	276
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	8	31
Linaria cannabina	Linnet	BOCC_Red HBAP	SU7300		Ch Mill Rythe	2009	2009	1	1
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	2	50
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2015	1	2
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	2
			SZ7198		Beachlands - Hayling	2010	2010	1	2
			SZ7198		Hb Beachlands - Hayling	2005	2006	3	60
			SZ7398		Hb Eastoke	2007	2007	1	26
			SZ7498		Hayling Island	2013	2013	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	63	156
			SZ7498		Hb Sandy Point	1993	2015	404	1832

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Sandy Point	2010	2010	46	1150
			SZ7499		Ch Black Point - Hayling	1995	2006	2	45
Linaria flavirostris	Twite	BOCC_Red	SU7201		Hayling Island	2011	2011	1	1
			SZ7498		Hb Sandy Point	2011	2011	1	1
Locustella naevia	Grasshopper Warbler	BOCC_Red NERC_s41 HBAP CR	SZ7498		Hayling Island - Sandy Point	2016	2017	4	1
			SZ7498		Hb Sandy Point	1994	2014	24	1
Loxia curvirostra	Common Crossbill	WCA_s1p1 CS	SZ7398		Ch Chichester Hbr Hampshire Sectors	2011	2011	1	6
			SZ7498		Hayling Island - Sandy Point	2017	2017	1	1
			SZ7498		Hb Sandy Point	2005	2015	23	31
			SZ7498		Nf Blackwater Arboretum	2008	2008	1	2
Lullula arborea	Woodlark	EU_Bird_1 NERC_s41 WCA_s1p1 HBAP CI	SZ7398		Ch Chichester Harbour	2010	2010	1	Present
			SZ7498		Hb Sandy Point	2003	2015	24	6
Luscinia megarhynchos	Nightingale	BOCC_Red HBAP CS	SZ7498		Hb Sandy Point	1993	2015	18	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Melanitta fusca	Velvet Scoter	WCA_s1p1	SU7201		Hayling Island	2010	2010	11	Present
			SZ7298		Hb Hayling Bay	2008	2008	1	3
			SZ7498		Hayling Island	2010	2010	2	1
			SZ7498		Hayling Island - Sandy Point	2017	2017	5	3
			SZ7498		Hb Sandy Point	1993	2015	33	9
			SZ7499		Ch Chichester Harbour	2010	2010	1	3
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	3	4
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	1
Melanitta nigra	Common Scoter	BOCC_Red NERC_s41 WCA_s1p1 HBAP	SU7201		Hb Hayling Bay	2010	2010	1	Present
			SZ7198		Hayling Island - Beachlands	2017	2017	1	37
			SZ7198		Hb Beachlands - Hayling	2006	2006	2	3
			SZ7198		Hb Hayling Bay	1994	2015	54	84
			SZ7298		Hayling Island - Hayling Bay	2017	2017	1	35
			SZ7298		Hb Eastoke	2013	2014	3	12
			SZ7298		Hb Hayling Bay	2004	2013	20	31
			SZ7398		Hb Eastoke	2010	2013	2	2
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	119	120
			SZ7498		Hb Sandy Point	1993	2015	574	292
			SZ7499		Ch Black Point - Hayling	2008	2008	1	3
			SZ7499		Ch Chichester Harbour	2009	2012	52	3
			SZ7499		Ch Chichester Hbr Hampshire	2005	2016	39	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Sectors				
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	7	2
Mergellus albellus	Smew	EU_Bird_1	SZ7498		Hb Sandy Point	2010	2010	2	Present
Mergus merganser	Goosander	HBAP CR	SZ7498		Hayling Island - Sandy Point	2016	2017	8	5
			SZ7498		Hayling South Hayling	2006	2006	1	1
			SZ7498		Hb Sandy Point	2003	2015	9	3
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2013	2016	9	5
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	2
Mergus serrator	Red-breasted Merganser	HBAP	SU7300		CH Mill Rithe	2016	2016	1	9
			SU7301		Ch Mill Rithe	2013	2013	1	29
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	2	29
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	6	37
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	10	13
			SU737000		Ch Black Point - Hayling	2009	2009	2	18
			SU7400		Ch Black Point - Hayling	2007	2007	5	16
			SU7400		Ch Chichester Harbour	1995	2007	7	217
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	1
			SZ7198		Hb Hayling Bay	1993	2005	25	11

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7298		Hb Hayling Bay	2004	2004	1	1
			SZ7399		Ch East/mid Hayling	2008	2008	6	30
			SZ7498		Hayling Island	2010	2010	2	10
			SZ7498		Hayling Island - Sandy Point	2016	2017	19	12
			SZ7498		Hayling South Hayling	2006	2006	4	100
			SZ7498		Hb Sandy Point	1993	2015	139	40
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	2	20
			SZ7499		Ch Chichester Harbour	1995	2012	32	213
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2003	2016	66	95
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	20
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	4	27
Merops apiaster	Bee-eater	WCA_s1p1	SZ7498		Hb Sandy Point	2000	2007	3	1
Milvus milvus	Red Kite	EU_Bird_1 WCA_s1p1 HBAP CR	SU7300		Ch Mill Rythe	2009	2010	2	1
			SZ7498		Hb Sandy Point	2007	2014	2	1
			SZ7499		Ch Chichester Harbour	2010	2010	1	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2012	2012	1	1
Motacilla cinerea	Grey Wagtail	BOCC_Red	SU7201		Ch Verner Common	2006	2006	1	1
			SU7300		Ch Mill Rythe	2010	2010	1	Present
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2015	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7198		Hb Beachlands - Hayling	2002	2009	9	2
			SZ7299		Hayling Island	2010	2010	1	Present
			SZ7299		Hayling Island, Elm Grove	2009	2009	3	1
			SZ7299		Hayling Island, Linden Grove	2009	2009	2	1
			SZ7299		Hayling Islandlinden Grove	2010	2010	2	Present
			SZ7299		Hayling South Hayling	2008	2012	19	1
			SZ7398		Ch Chichester Harbour	2010	2010	1	Present
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	1
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	2	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2007	2009	10	1
			SZ7398		Hayling Island	2005	2005	1	1
			SZ7399		Ch East/mid Hayling	2012	2012	1	1
			SZ7498		Ch Black Point - Hayling	2007	2012	6	1
			SZ7498		Ch Black Point - Hayling	2013	2013	1	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	115	9
			SZ7498		Hb Sandy Point	1993	2015	548	72
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2008	2008	1	1
			SZ7499		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	1
Motacilla flava	Yellow Wagtail	BOCC_Red	SU7200		Ch Mill Rythe	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		HBAP CR	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
			SZ7198		Hb Beachlands - Hayling	2004	2005	3	5
			SZ7198		Hb Hayling Bay	2004	2004	2	2
			SZ7198		Lh Sinah Common	2005	2005	1	2
			SZ7299		Hayling South Hayling	2007	2011	5	1
			SZ7398		Ch Fishery Creek	2009	2009	2	2
			SZ7399		Ch Tournerbury	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	70	48
			SZ7498		Hb Sandy Point	1994	2015	417	188
Motacilla flava subsp. flava	Blue-headed Wagtail	BOCC_Red HBAP CR	SZ7498		Hb Sandy Point	2009	2009	1	1
Muscicapa striata	Spotted Flycatcher	BOCC_Red NERC_s41 HBAP	SU7200		Ch Mill Rythe	2007	2011	3	2
			SU7201		Hayling Island	2011	2011	1	4
			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
			SZ7299		South Hayling	2004	2004	1	4
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hayling Island - Sandy Point	2016	2017	18	4
			SZ7498		Hb Sandy Point	1994	2015	97	6
			SZ7498		Sandy Point	2010	2010	5	1
Numenius arquata	Curlew	BOCC_Red NERC_s41	SU7100		Lh West Lane - Hayling	2014	2014	1	125
			SU7201		Ch Verner Common	2005	2005	11	730
			SU7300		Ch Mill Rythe	2005	2009	2	600
			SU7301		Ch Chichester Harbour	2004	2004	1	200
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	700
			SU7301		Ch Mill Rithe	2013	2013	2	58
			SU7301		Ch Mill Rythe	2010	2010	1	Present
			SU735005		Ch Tournerbury	2015	2015	1	19
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	3	297
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	11	144
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	17	123
			SU737000		Ch Black Point - Hayling	2009	2009	3	30
			SU7400		Ch Black Point - Hayling	2007	2007	3	36
			SU7400		Ch Chichester Harbour	1995	2007	14	1760
			SZ718997		Hayling Island - Hayling Bay	2017	2017	2	4
			SZ7198		Hb Hayling Bay	1996	2005	10	70
			SZ728996		Hayling Island - Eastoke	2017	2017	1	7
			SZ7298		Ch Fishery Creek	2013	2013	1	10

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7399		Ch East/mid Hayling	2008	2009	12	700
			SZ7498		Ch Black Point - Hayling	2013	2013	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	14	72
			SZ7498		Hb Sandy Point	1994	2015	185	92
			SZ7499		Ch Chichester Harbour	1995	2012	15	1763
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2012	52	825
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	12
Numenius phaeopus	Whimbrel	BOCC_Red WCA_s1p1	SU7201		Ch Verner Common	2005	2005	6	20
			SU7300		Ch Mill Rithe	2015	2015	2	2
			SU7300		Ch Mill Rythe	2005	2010	5	20
			SU7301		Ch Gutner Point, N Hayling	2008	2012	4	10
			SU7301		Ch Gutner Pointn Hayling	2010	2010	1	Present
			SU7301		Ch Mill Rythe	2007	2012	4	3
			SU7400		Ch Chichester Harbour	1995	2007	13	209
			SU7400		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
			SZ7198		Hayling Island - Beachlands	2017	2017	1	2
			SZ7198		Hb Hayling Bay	1993	2006	13	24
			SZ7198		LH Hayling - Sinah Common & Hayling GC	2016	2016	1	2
			SZ7199		Hayling Park	2008	2008	1	1
			SZ7298		Hb Hayling Bay	2012	2014	4	22
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		Ch Chichester Harbour	2012	2012	2	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2007	2016	11	6
			SZ7398		Ch Fishery Creek	2009	2010	2	1
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	3	6
			SZ7399		Ch East Hayling	1993	2004	8	145
			SZ7399		Ch East/mid Hayling	2008	2008	5	27
			SZ740990		CH Fishery Creek	2017	2017	1	1
			SZ741988		Hb Sandy Point	2014	2014	1	1
			SZ7498		Ch Black Point - Hayling	2007	2012	27	2
			SZ7498		Ch Black Point - Hayling	2013	2014	4	1
			SZ7498		Ch Chichester Hbr Hampshire Sectors	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	96	88
			SZ7498		Hb Sandy Point	1993	2015	368	201
			SZ7499		Ch Black Point - Hayling	2006	2009	2	20
			SZ7499		Ch Chichester Harbour	1995	2012	20	58
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	66	90
			SZ7499		Ch Lakeside Holiday Vill, E Hayling	2009	2009	2	1
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	4	18
			SZ7499		Hb Sandy Point	2009	2009	1	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Nycticorax nycticorax	Night-heron	EU_Bird_1	SZ7499		Ch Chichester Hbr Hampshire Sectors	2008	2008	1	1
Oceanodroma leucorhoa	Leach's Petrel	EU_Bird_1 WCA_s1p1	SZ7298		Hb Hayling Bay	2009	2009	1	2
			SZ7498		Hb Sandy Point	2001	2009	2	5
			SZ7499		Ch Chichester Harbour	2009	2009	1	2
Oenanthe oenanthe	Wheatear	CS	SU7100		LH Langstone Harbour	2016	2016	1	2
			SU7200		Ch Mill Rythe	2009	2009	1	1
			SU7200		Hayling Island	2011	2011	1	Present
			SU7201		Ch Verner Common	2009	2013	3	12
			SU7300		Ch Mill Rithe	2015	2017	2	3
			SU7300		Ch Mill Rythe	2005	2012	23	14
			SU7301		Ch Gutner Point, N Hayling	2009	2012	3	12
			SU7301		Ch Gutner Pointn Hayling	2010	2010	2	Present
			SU7301		Ch Mill Rythe	2007	2012	4	6
			SZ7198		Hayling Island - Beachlands	2017	2017	4	3
			SZ7198		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7198		Hayling South Hayling	2012	2012	4	18
			SZ7198		Hb Beachlands - Hayling	1994	2010	52	28
			SZ7198		Hb Hayling Bay	1994	2009	18	35
			SZ7298		Hayling South Hayling	2006	2010	2	1
			SZ7298		Hb Beachlands - Hayling	2009	2009	1	2
			SZ7298		Hb Hayling Bay	2009	2013	5	11

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7298		South Hayling	2005	2005	1	2
			SZ7299		South Hayling	1996	2004	16	216
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2008	2008	1	1
			SZ7398		Hb Eastoke	2007	2009	2	7
			SZ7399		Ch Tournerbury	2007	2007	1	4
			SZ7498		Ch Black Point - Hayling	2013	2014	3	2
			SZ7498		Hayling Island	2013	2013	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	127	17
			SZ7498		Hb Eastoke	2009	2009	3	2
			SZ7498		Hb Sandy Point	1993	2015	915	42
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2010	3	4
			SZ7499		CH Hayling - Black Point	2016	2016	1	3
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	2
			SZ7499		Hayling Island	2013	2013	1	2
Oriolus oriolus	Golden Oriole	BOCC_Red WCA_s1p1	SZ7498		Hb Sandy Point	2012	2013	3	1
Pandion haliaetus	Osprey	EU_Bird_1 WCA_s1p1	SU7201		Ch Mill Rythe	2007	2007	1	1
			SU7201		Hayling Island	2006	2015	3	1
			SU7201		Hb Hayling Bay	2010	2010	1	Present
			SU7300		Ch Mill Rythe	1994	2012	8	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU7301		Ch Chichester Hbr Hampshire Sectors	2010	2010	1	Present
			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
			SU7400		Ch Chichester Hbr Hampshire Sectors	2013	2016	2	1
			SU7400		CH_N_shore Emsworth Channel	2017	2017	2	1
			SZ7198		Hb Hayling Bay	2010	2010	1	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2012	2012	1	1
			SZ7399		Ch East Hayling	1993	2006	8	2
			SZ7399		Ch East/mid Hayling	2008	2008	1	1
			SZ7498		Ch Black Point - Hayling	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	3	1
			SZ7498		Hb Sandy Point	1994	2014	26	1
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	9	2
			SZ7499		Ch Chichester Harbour	2009	2012	33	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	58	3
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	4	1
Passer domesticus	House Sparrow	BOCC_Red NERC_s41	SU7301		Ch Mill Rithe	2013	2013	1	25
			SZ7299		CH East/Mid Hayling	2017	2017	1	2
			SZ7498		Hayling Island - Sandy Point	2017	2017	3	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hayling South Hayling	2006	2006	1	8
			SZ7498		Hb Sandy Point	1997	2015	18	100
			SZ7498		Sandy Point	2010	2010	2	27
Passer montanus	Tree Sparrow	BOCC_Red NERC_s41 HBAP CR	SZ7498		Hb Sandy Point	1994	2014	9	3
Pernis apivorus	Honey-buzzard	EU_Bird_1 WCA_s1p1 HBAP CR	SU70		Sensitive	2005	2013	2	1
			SZ79		Sensitive	1996	2010	13	3
			SZ79		Sensitive	2008	2013	3	1
Phalacrocorax aristotelis	Shag	BOCC_Red	SZ7198		Hb Hayling Bay	1995	2006	5	1
			SZ7298		Hb Eastoke	2013	2013	2	1
			SZ7398		Hb Eastoke	2013	2014	2	2
			SZ7498		Ch Black Point - Hayling	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	9	11
			SZ7498		Hayling South Hayling	2006	2006	2	2
			SZ7498		Hb Sandy Point	1996	2015	138	21
			SZ7499		Ch Black Point - Hayling	1993	2007	2	1
			SZ7499		Ch Chichester Harbour	2010	2010	1	Present
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2016	15	3

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Phoenicurus ochruros	Black Redstart	BOCC_Red WCA_s1p1 CR	SU7200		Hayling Island - Beachlands	2017	2017	2	1
			SU7201		Hayling Island	2010	2011	6	3
			SU7201		Hb Eastoke	2008	2008	1	1
			SU7201		LH Hayling Island - West Lane	2017	2017	8	1
			SZ7198		Hayling Island - Beachlands	2017	2017	2	1
			SZ7198		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7198		Hayling Island - Sandy Point	2016	2016	1	1
			SZ7198		Hb Beachlands - Hayling	2002	2009	16	4
			SZ723986		Hb Hayling Bay	2006	2006	1	1
			SZ727985		Hb Eastoke	2008	2008	1	1
			SZ7298		Hayling Island - Hayling Bay	2017	2017	1	1
			SZ7298		Hb Beachlands - Hayling	2007	2007	1	1
			SZ7299		Ch Mengham	2012	2012	1	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2011	2011	2	1
			SZ7398		CH Lakeside Holiday Village	2017	2017	1	1
			SZ7398		Hayling Island - Eastoke	2017	2017	1	1
			SZ7398		Hayling South Hayling	2010	2010	1	Present
			SZ7398		Hb Eastoke	1999	2010	15	3
			SZ7398		Hb Sandy Point	2006	2006	1	1
			SZ7399		Ch Lakeside Holiday Vill, E Hayling	2009	2009	1	1
			SZ7399		Ch Mengham	2005	2005	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Ch Black Point - Hayling	2013	2013	2	1
			SZ7498		Ch Selsmore	2010	2010	1	Present
			SZ7498		Hayling Island	2004	2004	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	30	1
			SZ7498		Hb Eastoke	2014	2014	1	2
			SZ7498		Hb Sandy Point	1995	2015	257	5
			SZ7499		Ch Black Point - Hayling	2014	2014	1	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2006	2	1
Phoenicurus phoenicurus	Redstart	CI	SU7200		Ch East/mid Hayling	2008	2008	1	1
			SU7201		Hayling Island	2011	2011	1	1
			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
			SZ7198		Hayling South Hayling	2012	2012	1	3
			SZ7299		Hayling South Hayling	2008	2008	1	1
			SZ7299		South Hayling	2004	2004	1	3
			SZ7399		Ch Mengham	2005	2005	1	1
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	24	4
			SZ7498		Hb Sandy Point	1993	2015	228	6

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Phylloscopus sibilatrix	Wood Warbler	BOCC_Red NERC_s41 CI	SZ7498		Hb Sandy Point	1996	2015	10	1
Platalea leucorodia	Spoonbill	EU_Bird_1 WCA_s1p1	SU7201		Hayling Island	2015	2015	1	1
			SU7400		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	1
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	2
			SZ7198		Lh West Hayling Lnr (oysterbeds)	2008	2008	1	1
			SZ7498		Hb Sandy Point	1998	2014	5	6
			SZ7499		Ch Chichester Harbour	2010	2010	1	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	1
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	2
Plectrophenax nivalis	Snow Bunting	WCA_s1p1	SZ7198		Hb Beachlands - Hayling	2006	2006	12	1
			SZ723986		Hb Hayling Bay	2006	2006	1	1
			SZ7298		Hb Eastoke	2008	2008	1	1
			SZ7298		Lh Sinah - Hayling	2006	2006	1	1
			SZ7398		Hb Eastoke	2008	2008	3	1
			SZ7498		Hb Sandy Point	2005	2012	61	4
			SZ7498		Sandy Point	2010	2010	1	1
			SZ7499		Ch Chichester Harbour	2012	2012	2	3
Pluvialis apricaria	Golden Plover	EU_Bird_1	SU7100		Lh West Lane - Hayling	2009	2009	1	200

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		HBAP	SU7200		Ch Mill Rythe	2009	2009	1	18
			SU7201		Ch Mill Rythe	2008	2008	1	181
			SU7201		Ch Northney	2008	2008	1	60
			SU7201		Ch Verner Common	1999	2005	11	700
			SU7300		Ch Mill Rithe	2015	2015	1	500
			SU7300		Ch Mill Rythe	1996	2012	5	800
			SU7301		Ch Chichester Harbour	2004	2004	2	350
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	250
			SU7301		Ch Mill Rithe	2015	2015	1	23
			SU7301		Ch Mill Rythe	2007	2010	5	180
			SU7301		Hayling Island	2006	2006	2	400
			SU7301		LH Langstone Harbour	2016	2016	1	1
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	3	400
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2016	5	1500
			SU737000		Ch Black Point - Hayling	2009	2009	1	33
			SU7400		Ch Chichester Harbour	1995	2007	8	1572
			SZ7199		Hayling Island	2012	2012	1	50
			SZ7399		Ch East Hayling	1993	2004	7	2500
			SZ7399		Ch East/mid Hayling	2007	2008	8	250
			SZ7498		Hayling Island	2004	2004	1	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	5	3

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1997	2015	46	260
			SZ7499		Ch Black Point - Hayling	2012	2012	1	200
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	4	400
			SZ7499		Ch Chichester Harbour	1995	2012	21	800
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	40	825
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	3	1000
			SZ7499		Hb Sandy Point	2007	2007	1	65
Pluvialis squatarola	Grey Plover	HBAP CI	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
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2013	1	1
			SU736004		CH Tournerbury & M Rithe (Webs)	2017	2017	1	410
			SU737000		Ch Black Point - Hayling	2009	2009	4	50
			SU7400		Ch Black Point - Hayling	2007	2007	5	80
			SU7400		Ch Chichester Harbour	1995	2007	14	1867
			SZ7198		Hb Hayling Bay	2004	2007	2	35
			SZ7298		Hb Hayling Bay	2013	2013	1	4
			SZ7399		Ch East/mid Hayling	2008	2008	12	600
			SZ740990		CH Fishery Creek	2017	2017	1	1
			SZ7498		Ch Black Point - Hayling	2013	2013	1	4
			SZ7498		Hayling Island - Sandy Point	2016	2017	11	10

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hayling South Hayling	2006	2006	3	150
			SZ7498		Hb Sandy Point	1996	2014	34	30
			SZ7499		Ch Chichester Harbour	1995	2012	24	1140
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	78	858
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	20
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	3	11
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	20
			SZ7499		Hb Sandy Point	2013	2013	1	18
Podiceps auritus	Slavonian Grebe	EU_Bird_1 WCA_s1p1 HBAP	SU7201		Hayling Island	2010	2010	1	Present
			SU7201		Hb Hayling Bay	2010	2010	1	Present
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	1	1
			SU7400		Ch Chichester Harbour	1995	2007	3	10
			SU7400		CH Chichester Hbr Hampshire Sectors	2002	2016	6	2
			SU7400		CH_N_shore Emsworth Channel	2017	2017	3	3
			SZ7198		Hb Beachlands - Hayling	2000	2012	8	8
			SZ7198		Hb Hayling Bay	1993	2010	89	11
			SZ723986		Hb Hayling Bay	2007	2007	1	2
			SZ7298		Hb Beachlands - Hayling	2004	2004	1	4
			SZ7298		Hb Hayling Bay	1994	2014	37	5
			SZ7398		Hb Eastoke	2005	2005	1	4
			SZ7498		Ch Black Point - Hayling	2009	2009	1	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Ch Chi Hbr Entrance/lifeboat Stn	2007	2007	1	10
			SZ7498		Hayling Island - Sandy Point	2016	2017	6	2
			SZ7498		Hayling South Hayling	2006	2006	1	1
			SZ7498		Hb Beachlands - Hayling	2014	2014	1	2
			SZ7498		Hb Sandy Point	1993	2015	133	9
			SZ7499		Ch Black Point - Hayling	1993	2008	6	5
			SZ7499		Ch Chichester Harbour	1995	2012	54	9
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	100	10
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	3	3
			SZ7499		Hb Sandy Point	2007	2007	1	2
Podiceps cristatus	Great Crested Grebe	CI	SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	4
			SU736004		Ch Tounerbury & M Rithe (Webs)	2014	2014	1	1
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	3	4
			SU737000		Ch Black Point - Hayling	2009	2009	1	3
			SU7400		Ch Black Point - Hayling	2007	2007	1	1
			SU7400		Ch Chichester Harbour	1995	2007	13	44
			SZ7198		Hb Hayling Bay	1995	2009	57	42
			SZ7298		Hb Hayling Bay	2008	2012	3	18
			SZ730984		Hb Eastoke	2014	2014	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		Hb Eastoke	2009	2009	1	8
			SZ7399		Ch East/mid Hayling	2008	2008	1	1
			SZ7498		Ch Black Point - Hayling	2013	2013	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	12	5
			SZ7498		Hayling South Hayling	2006	2006	4	12
			SZ7498		Hb Sandy Point	1996	2015	72	26
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	6	25
			SZ7499		Ch Chichester Harbour	1995	2012	41	41
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2002	2016	71	50
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	8	45
Podiceps grisegena	Red-necked Grebe	BOCC_Red	SU7201		Hayling Island	2015	2015	2	1
			SU7201		Lh West Hayling Lnr (oysterbeds)	2008	2008	1	1
			SU7400		Ch Chichester Hbr Hampshire Sectors	2013	2013	1	1
			SU7400		Ch Emsworth Channel	1993	2006	14	2
			SZ7198		Hb Beachlands - Hayling	2004	2004	1	1
			SZ7198		Hb Hayling Bay	1996	2005	4	1
			SZ7298		Hb Hayling Bay	2014	2014	1	1
			SZ7398		Hb Eastoke	2005	2013	2	1
			SZ7498		Ch Chi Hbr Entrance/lifeboat Stn	2007	2007	1	1
			SZ7498		Hb Sandy Point	1997	2013	28	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	5	1
			SZ7499		Ch Chichester Harbour	2010	2010	7	Present
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	12	3
Podiceps nigricollis	Black-necked Grebe	WCA_s1p1 HBAP	SU7100		LH Langstone Harbour	2017	2017	1	2
			SU7201		Hayling Island	2015	2015	1	1
			SU7201		LH Hayling Island - West Lane	2017	2017	4	15
			SU7400		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
			SZ7198		Hayling Island - Beachlands	2017	2017	1	1
			SZ7198		Hb Hayling Bay	2001	2010	3	6
			SZ7198		Lh Langstone Harbour	2008	2008	1	12
			SZ7298		Hb Hayling Bay	2012	2012	2	2
			SZ7498		Hayling Island	2010	2010	3	18
			SZ7498		Hb Sandy Point	1996	2014	10	4
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	5	1
			SZ7499		Ch Chichester Harbour	1995	2012	16	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	17	2
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	5	1
Puffinus mauretanicus	Balearic Shearwater	BOCC_Red NERC_s41	SZ7198		Hb Hayling Bay	2001	2006	2	2
			SZ7498		Hayling Island - Sandy Point	2016	2016	1	12
			SZ7498		Hb Sandy Point	1996	2013	11	11
Pyrrhula pyrrhula	Bullfinch	HBAP	SZ7498		Hayling Island - Sandy Point	2017	2017	15	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1998	2014	20	13
			SZ7498		Sandy Point	2010	2010	1	1
Rallus aquaticus	Water Rail	CS	SU7300		Ch Mill Rythe	2012	2012	1	1
			SU7400		Ch Chichester Harbour	2007	2007	4	10
			SZ7198		Hayling South Hayling	2012	2012	1	1
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2007	2008	4	2
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	32	3
			SZ7498		Hb Sandy Point	1993	2015	213	4
			SZ7499		Ch Chichester Harbour	2010	2010	6	16
Recurvirostra avosetta	Avocet	EU_Bird_1 WCA_s1p1 CR	SU7400		Ch Chichester Harbour	2007	2007	2	7
			SU7400		CH_N_shore Emsworth Channel	2017	2017	1	8
			SZ7298		Hb Hayling Bay	2012	2012	1	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	5	2
			SZ7498		Hb Sandy Point	1996	2012	15	5
			SZ7499		Ch Chichester Harbour	1995	2012	6	12
			SZ7499		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
Regulus ignicapilla	Firecrest	WCA_s1p1 HBAP CS	SU7201		Hayling Island	2015	2015	1	1
			SU7300		Ch Mill Rythe	2008	2008	1	1
			SZ717996		Hayling Island	2011	2011	1	1
			SZ7398		CH Lakeside Holiday Village	2017	2017	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hayling Island	2004	2004	2	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	88	5
			SZ7498		Hb Sandy Point	1993	2015	383	4
			SZ7498		Sandy Point	2010	2010	105	6
Riparia riparia	Sand Martin	CS	SU7200		Ch Mill Rythe	2009	2009	1	2
			SZ7198		Hb Hayling Bay	2000	2006	3	18
			SZ7398		Ch Lakeside Holiday Vill E Hayling	2010	2010	1	Present
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	7	2
			SZ7399		Ch Mengham	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	71	50
			SZ7498		Hb Sandy Point	1993	2015	314	230
			SZ7499		Ch Chichester Harbour	2010	2010	1	Present
Rissa tridactyla	Kittiwake	BOCC_Red	SU7100		Lh Langstone Harbour	2014	2014	1	2
			SU7400		Ch Chichester Harbour	2007	2007	1	1
			SU7400		CH Chichester Hbr Hampshire Sectors	2016	2016	1	1
			SZ7198		Hb Beachlands - Hayling	2001	2012	5	8
			SZ7198		Hb Hayling Bay	1994	2009	34	150
			SZ7298		Hb Hayling Bay	1995	2014	6	3
			SZ7299		South Hayling	2004	2004	1	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2014	2014	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		Hb Eastoke	2014	2014	1	16
			SZ7498		Hayling Island - Sandy Point	2016	2017	25	8
			SZ7498		Hb Sandy Point	1993	2015	164	30
			SZ7499		Ch Chichester Harbour	2009	2012	3	3
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2013	2014	6	10
			SZ7499		Hb Sandy Point	2012	2012	1	1
Saxicola rubetra	Whinchat	BOCC_Red HBAP CR	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	Present
			SZ7198		Hayling Island - Beachlands	2017	2017	1	2
			SZ7298		Hb Hayling Bay	2012	2012	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	15	4
			SZ7498		Hb Sandy Point	1993	2015	169	5
Scolopax rusticola	Woodcock	BOCC_Red	SZ7199		West Town Hayling	2009	2009	1	1
			SZ7498		Havant Thicket	2007	2007	1	4
			SZ7498		Hayling Island - Sandy Point	2016	2017	34	2
			SZ7498		Hb Sandy Point	2005	2015	96	3
Serinus serinus	Serin	WCA_s1p1	SZ7198		Hb Hayling Bay	2008	2008	1	1
			SZ7298		Hb Hayling Bay	2008	2008	1	1
			SZ7498		Hayling Island - Sandy Point	2017	2017	9	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1998	2015	9	1
Spinus spinus	Siskin	CI	SU7300		Ch Mill Rythe	2009	2009	1	1
			SZ7199		Hayling Park	2008	2008	1	1
			SZ7299		Hayling South Hayling	2010	2011	2	10
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2009	2009	2	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	76	172
			SZ7498		Hb Sandy Point	1993	2015	493	1611
			SZ7498		Sandy Point	2010	2010	54	500
Stercorarius parasiticus	Arctic Skua	BOCC_Red	SU7400		CH_N_shore Emsworth Channel	2017	2017	1	2
			SZ7198		Hb Beachlands - Hayling	2004	2005	2	2
			SZ7198		Hb Hayling Bay	1995	2008	32	7
			SZ7298		Hb Hayling Bay	2008	2013	11	6
			SZ7398		Hb Eastoke	2005	2005	1	5
			SZ7498		Hayling Island - Sandy Point	2016	2017	37	21
			SZ7498		Hb Sandy Point	1993	2015	310	23
			SZ7499		Ch Chichester Harbour	2010	2010	1	1
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2013	2	4
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	1	1
Sterna dougallii	Roseate Tern	EU_Bird_1 BOCC_Red NERC_s41	SU70		Sensitive	2017	2017	1	1
			SZ79		Sensitive	1994	2016	44	4
			SZ79		Sensitive	2006	2017	5	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		WCA_s1p1 HBAP CR	SZ79		Sensitive	2008	2008	1	1
Sterna hirundo	Common Tern	EU_Bird_1 CR	SU7300		CH East/Mid Hayling	2017	2017	1	30
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	1	7
			SU736004		CH Tournerbury & M Rithe (Webs)	2016	2016	1	7
			SU737000		Ch Black Point - Hayling	2009	2009	3	180
			SU7400		Ch Chichester Harbour	2007	2007	3	12
			SZ7198		Hb Hayling Bay	1993	2006	36	510
			SZ7199		West Town Hayling	2012	2012	1	3
			SZ7298		Hb Hayling Bay	1998	2013	10	82
			SZ7498		Av Fordingbridge	2013	2013	1	1
			SZ7498		Hayling Island	2015	2015	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	57	943
			SZ7498		Hb Sandy Point	1993	2015	322	2534
			SZ7499		Ch Chichester Harbour	2010	2012	10	61
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	16	400
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	7	500
Sterna paradisaea	Arctic Tern	EU_Bird_1	SU7300		Ch Mill Rythe	2009	2009	1	4
			SZ7198		Hb Beachlands - Hayling	1998	2007	3	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7198		Hb Hayling Bay	1995	2007	5	3
			SZ7298		Hb Hayling Bay	2008	2012	2	7
			SZ7498		Hayling Island - Sandy Point	2016	2017	15	2
			SZ7498		Hb Sandy Point	1993	2015	118	68
			SZ7499		Ch Chichester Harbour	2010	2010	3	Present
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2013	6	2
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	9	2
Sterna sandvicensis	Sandwich Tern	EU_Bird_1 CR	SU7201		Ch Mill Rithe	2013	2013	1	1
			SU7201		LH Hayling Island - West Lane	2017	2017	1	8
			SU7301		Ch Gutner Point, N Hayling	2008	2008	1	4
			SU7301		Ch Mill Rythe	2007	2010	3	1
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	6	3
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	2	3
			SU737000		Ch Black Point - Hayling	2009	2009	3	2
			SU7400		Ch Black Point - Hayling	2007	2007	1	1
			SU7400		Ch Chichester Harbour	2007	2007	4	7
			SU7400		CH Chichester Hbr Hampshire Sectors	2012	2016	2	12
			SU7400		Ch Emsworth Channel	2004	2005	6	4
			SU7400		CH_N_shore Emsworth Channel	2017	2017	6	31
			SZ7198		Hayling Island - Hayling Bay	2016	2016	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7198		Hayling South Hayling	2013	2013	2	1
			SZ7198		Hb Beachlands - Hayling	2006	2007	3	2
			SZ7198		Hb Hayling Bay	1993	2008	49	254
			SZ7298		Hb Hayling Bay	1998	2014	13	27
			SZ730984		Hayling Island - Eastoke	2016	2016	1	2
			SZ738985		CH Fishery Creek	2017	2017	1	4
			SZ7399		Ch Mengham	2012	2012	1	2
			SZ7399		Ch Mill Rithe	2013	2013	1	1
			SZ740990		CH Fishery Creek	2017	2017	1	4
			SZ7498		Ch Black Point - Hayling	2010	2010	1	Present
			SZ7498		Ch Black Point - Hayling	2013	2014	4	2
			SZ7498		Hayling Island	2010	2010	1	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	54	140
			SZ7498		Hayling South Hayling	2006	2006	2	2
			SZ7498		Hb Hayling Bay	2005	2005	1	3
			SZ7498		Hb Sandy Point	1993	2015	390	320
			SZ7499		Ch Black Point - Hayling	1994	2012	23	80
			SZ7499		Ch Black Point - Hayling	2013	2015	3	8
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	5	12
			SZ7499		Ch Chichester Harbour	2009	2012	64	38
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2003	2016	97	70
			SZ7499		CH Hayling Island - Black Point	2017	2017	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7499		Ch Mengham	2013	2013	1	20
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	34	141
			SZ7499		Hayling Island - Sandy Point	2017	2017	1	12
			SZ7499		Hb Sandy Point	2007	2008	2	3
Sternula albifrons	Little Tern	EU_Bird_1 WCA_s1p1 HBAP CR	SU7300		CH East/Mid Hayling	2017	2017	1	2
			SU736004		CH Tournerbury & M Rithe (Webs)	2017	2017	1	1
			SU737000		Ch Black Point - Hayling	2009	2009	2	28
			SU7400		Ch Chichester Harbour	2007	2007	3	34
			SU7400		Ch Chichester Hbr Hampshire Sectors	2012	2012	1	2
			SZ7198		Hb Hayling Bay	1993	2006	17	54
			SZ7298		Hb Hayling Bay	2008	2008	1	2
			SZ738985		CH Fishery Creek	2017	2017	1	2
			SZ7498		Hayling Island - Sandy Point	2016	2017	35	55
			SZ7498		Hb Sandy Point	1994	2015	193	119
			SZ7499		Ch Black Point - Hayling	1994	2006	10	145
			SZ7499		Ch Chichester Harbour	2010	2010	6	16
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2013	7	69
			SZ7499		Ch Mengham	2013	2013	1	20
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	4

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Streptopelia turtur	Turtle Dove	BOCC_Red NERC_s41 HBAP	SZ7498		Hb Sandy Point	1995	2015	31	2
Sturnus vulgaris	Starling	BOCC_Red	SU7200		Ch Mill Rithe	2014	2014	1	220
			SU7200		Hayling Island	2011	2011	1	1
			SZ7198		Hayling Island	2015	2015	1	115
			SZ7399		Ch Tournerbury	2012	2012	3	234
			SZ7498		Hayling Island - Sandy Point	2016	2017	9	250
			SZ7498		Hb Sandy Point	1995	2015	114	1000
			SZ7498		Sandy Point	2010	2010	22	2600
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2006	1	200
Sylvia undata	Dartford Warbler	EU_Bird_1 WCA_s1p1 HBAP CI	SZ7198		Hb Beachlands - Hayling	1993	2006	4	2
			SZ7498		Hayling Island	2000	2010	3	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	55	2
			SZ7498		Hb Eastoke	2005	2005	1	1
			SZ7498		Hb Sandy Point	1993	2015	290	10
Tadorna ferruginea	Ruddy Shelduck	EU_Bird_1	SU7201		Hayling Island	2010	2010	2	Present
			SU7301		Hayling Island	2010	2010	1	Present
			SZ7499		Ch Chichester Harbour	2010	2010	2	Present
Tadorna tadorna	Shelduck	CI	SU7301		Ch Gutner Point	2006	2006	1	102
			SU7301		Ch Gutner Point, N Hayling	2008	2008	2	20
			SU736004		CH Chichester Hbr Hampshire	2016	2016	3	124

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Sectors				
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	7	30
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	13	54
			SU737000		Ch Black Point - Hayling	2009	2009	5	16
			SU7400		Ch Black Point - Hayling	2007	2007	4	54
			SU7400		Ch Chichester Harbour	1995	2007	14	1275
			SZ7198		Hb Hayling Bay	1993	2006	9	9
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2008	2008	1	9
			SZ7399		Ch East/mid Hayling	2008	2008	12	66
			SZ7498		Hayling Island - Sandy Point	2016	2017	76	15
			SZ7498		Hayling South Hayling	2006	2006	2	45
			SZ7498		Hb Sandy Point	1994	2015	261	33
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	67
			SZ7499		Ch Chichester Harbour	1995	2012	33	1058
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	72	410
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	2	91
			SZ7499		Hb Sandy Point	2009	2009	1	7
Tringa glareola	Wood Sandpiper	EU_Bird_1 WCA_s1p1	SZ7498		Hb Sandy Point	2008	2008	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Tringa nebularia	Greenshank	WCA_s1p1	SU7100		LH Langstone Harbour	2016	2016	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 Rithe	2013	2013	2	1
			SU7301		Ch Mill Rythe	2008	2009	3	1
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	3	1
			SU7400		Ch Chichester Harbour	1995	2007	14	80
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	3	2
			SZ7398		Ch Chichester Harbour	2010	2012	2	1
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2007	2014	3	2
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	2	1
			SZ7399		Ch East/mid Hayling	2008	2008	4	1
			SZ7399		Ch Tournerbury	2012	2012	1	2
			SZ7498		Ch Black Point - Hayling	2007	2012	51	1
			SZ7498		Ch Black Point - Hayling	2013	2013	1	1
			SZ7498		Ch Chichester Hbr Hampshire Sectors	2007	2007	1	1
			SZ7498		CH Hayling - Black Point	2016	2016	2	1
			SZ7498		CH Hayling Island - Black Point	2017	2017	7	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	12	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	2001	2015	61	4
			SZ7499		Ch Black Point - Hayling	2009	2009	1	1
			SZ7499		Ch Chichester Harbour	1995	2010	17	140
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	22	4
Tringa ochropus	Green Sandpiper	WCA_s1p1	SU7300		Ch Chichester Hbr Hampshire Sectors	2007	2007	2	1
			SU7400		Ch Chichester Harbour	2007	2007	1	3
			SZ7498		Hayling Island - Sandy Point	2016	2017	14	2
			SZ7498		Hb Sandy Point	2000	2006	3	1
			SZ7499		Ch Chichester Harbour	2010	2010	4	1
Tringa totanus	Redshank	HBAP	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 Rithe	2013	2013	3	115
			SU7301		Ch Mill Rythe	2008	2008	1	125
			SU736003		Ch Mill Rithe	2015	2015	1	130
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	4	392
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	12	223
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	19	130

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU737000		Ch Black Point - Hayling	2009	2009	5	170
			SU7400		Ch Black Point - Hayling	2007	2007	6	144
			SU7400		Ch Chichester Harbour	1995	2007	14	2403
			SZ7298		Ch Fishery Creek	2013	2013	1	30
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	3	35
			SZ7398		Ch Chichester Harbour	2010	2010	1	Present
			SZ7398		CH Chichester Hbr Hampshire Sectors	2007	2016	5	85
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	2	120
			SZ7399		Ch East/mid Hayling	2008	2008	11	100
			SZ7399		Ch Mill Rithe	2013	2013	1	151
			SZ7399		Ch Tournerbury	2012	2012	1	42
			SZ7498		Ch Black Point - Hayling	2009	2012	6	4
			SZ7498		Ch Black Point - Hayling	2013	2013	2	8
			SZ7498		Hayling Island - Sandy Point	2016	2017	7	5
			SZ7498		Hayling South Hayling	2006	2006	2	2
			SZ7498		Hb Sandy Point	2001	2014	39	5
			SZ7499		Ch Chichester Harbour	1995	2010	17	1673
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2016	69	635
			SZ7499		CH_N_shore Emsworth Channel	2017	2017	4	120
Turdus iliacus	Redwing	BOCC_Red WCA_s1p1	SU7100		Lh West Lane - Hayling	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	59	50

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1995	2015	292	200
Turdus philomelos	Song Thrush	BOCC_Red HBAP	SU7200		Hayling Island	2011	2011	1	1
			SZ739991		Ch Lakeside Holiday Vill E Hayling	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	9	20
			SZ7498		Hb Sandy Point	1997	2015	97	25
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2006	2006	2	2
Turdus pilaris	Fieldfare	BOCC_Red WCA_s1p1	SU7100		Lh West Lane - Hayling	2010	2010	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	12	4
			SZ7498		Hb Sandy Point	1997	2015	111	600
Turdus torquatus	Ring Ouzel	BOCC_Red NERC_s41	SU7201		Hayling Island	2010	2010	1	Present
			SU7300		Ch Mill Rythe	2009	2010	3	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	5	3
			SZ7498		Hb Sandy Point	1993	2015	50	6
Turdus viscivorus	Mistle Thrush	BOCC_Red	SU7200		Hayling Island	2011	2011	1	Present
			SZ7498		Hayling Island - Sandy Point	2016	2017	19	2
			SZ7498		Hb Sandy Point	2006	2015	98	4
Tyto alba	Barn Owl	WCA_s1p1	SU7200		Ch Mill Rythe	2008	2008	1	1
			SU7300		Ch East/mid Hayling	2008	2008	1	1
			SU7300		Ch Mill Rythe	2006	2008	2	1
			SZ7498		Hb Sandy Point	2007	2009	5	1
Upupa epops	Hoopoe	WCA_s1p1	SZ7498		Hayling Island - Sandy Point	2016	2016	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Hb Sandy Point	1997	2006	3	1
Vanellus vanellus	Lapwing	BOCC_Red NERC_s41 HBAP	SU7100		Lh West Lane - Hayling	2009	2009	1	90
			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
			SU735005		Ch Tournerbury	2015	2015	1	200
			SU736004		CH Chichester Hbr Hampshire Sectors	2016	2016	5	251
			SU736004		Ch Tounerbury & M Rithe (Webs)	2013	2014	7	160
			SU736004		Ch Tournerbury & M Rithe (Webs)	2015	2017	17	530
			SU737000		Ch Black Point - Hayling	2009	2009	2	62
			SU7400		Ch Black Point - Hayling	2007	2007	6	84
			SU7400		Ch Chichester Harbour	1995	2007	14	1916
			SZ7298		Hb Hayling Bay	2009	2009	1	120
			SZ7398		Ch Chi Harbour Sussex & Hants	2015	2015	3	2
			SZ7398		Ch Chichester Harbour	2010	2010	1	Present
			SZ7398		Ch Chichester Hbr Hampshire Sectors	2014	2014	2	4
			SZ7398		Ch Lakeside Holiday Vill, E Hayling	2012	2012	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7398		CH_N_shore Emsworth Channel	2017	2017	1	1
			SZ7399		Ch East/mid Hayling	2008	2008	11	255
			SZ7399		Ch Tournerbury	2012	2012	1	100
			SZ7498		Ch Black Point - Hayling	2009	2010	2	1
			SZ7498		Hayling Island - Sandy Point	2016	2017	4	45
			SZ7498		Hb Sandy Point	2006	2014	45	1323
			SZ7499		Ch Chi Harbour Sussex & Hants	2015	2015	1	15
			SZ7499		Ch Chichester Harbour	1995	2012	19	3085
			SZ7499		Ch Chichester Hbr Hampshire Sectors	2005	2014	63	828
Higher plants - Flowering Plants									
Ammophila arenaria	Marram	CS	SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7198		South Hayling	1999	1999	1	1
			SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1979	2000	11	1
Anthriscus caucalis	Bur Chervil	CS sHS, nHR	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ726986		Toilet Lawns	1997	1997	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Beach Estate	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1980	1996	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Apium graveolens	Wild Celery	CS	SZ7299		Mengham	1997	1997	1	1
			SZ734993		Selsmore, Hayling	2009	2009	1	Present
Atriplex laciniata	Frosted Orache	CS	SZ7498		Sandy Point Nr, Hayling Island	1996	2000	2	1
Bupleurum tenuissimum	Slender Hare's-ear	IUCN_EN_2014:VU, IUCN_GB_2001:VU NS NERC_s41 HBAP CS sHS	SU7100		Havant Hayling Saltmarsh Lane Shore	2008	2008	1	Present
			SU7301		Gutner Saltmarsh	1995	1995	1	1
			SZ7298		Tournerbury	1994	1994	1	Present
			SZ739990		Mengham	2010	2010	1	Present
			SZ739990		Selsmore, Hayling	2009	2010	3	2
Cakile maritima	Sea Rocket	CS	SZ7498		Sandy Point Nr, Hayling Island	1990	1996	3	1
Calluna vulgaris	Heather	IUCN_EN_2014:NT	SZ739992		Selsmore	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1980	2003	6	1
Calystegia soldanella	Sea Bindweed	IUCN_EN_2014:VU CS sHS	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	1	Present
			SZ7498		Sandy Beach Estate	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1979	1998	8	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Carex punctata	Dotted Sedge	NS HBAP CS sHS	SZ7498		Sandy Point Nr, Hayling Island	1980	2000	4	Present
Carlina vulgaris	Carline Thistle	IUCN_EN_2014:NT	SZ7498		Sandy Point Nr, Hayling Island	1980	1996	2	1
Chenopodium murale	Nettle-leaved Goosefoot	IUCN_EN_2014:EN, IUCN_GB_2001:VU CS sHS, nHR	SZ725995		Mengham, Hayling	2017	2017	1	Present
Cichorium intybus	Chicory	IUCN_EN_2014:VU	SU727009		Pound Marsh	1997	1997	1	1
			SZ72859846		Car Park	1997	1997	1	Present
			SZ736992		Selsmore	1997	1997	1	1
Cochlearia anglica	English Scurvygrass	CS	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SZ736986		Eastoke	2017	2017	1	Present
			SZ737987		Eastoke	2017	2017	1	Present
			SZ739988		Eastoke	1998	1998	1	1
Crassula tillaea	Mossy Stonecrop	NS HBAP	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7198		South Hayling	1999	1999	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Cuscuta epithymum	Dodder	IUCN_EN_2014:VU, IUCN_GB_2001:VU	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Cynoglossum officinale	Hound's-tongue	IUCN_EN_2014:NT, IUCN_GB_2001:NT	SZ7498		Havant Hayling Sandy Point	2008	2008	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Daucus carota subsp. gummifer	Sea Carrot	NS	SZ7399		Selsmore And Tourner Bury Fort	2017	2017	1	Present
Elytrigia juncea	Sand Couch	CS sHS	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ722986		South Beach, Hayling	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1979	1998	6	1
Erica cinerea	Bell Heather	IUCN_EN_2014:NT	SZ7498		Sandy Point Nr, Hayling Island	1980	2003	6	1
Erica tetralix	Cross-leaved Heath	IUCN_EN_2014:NT	SZ7498		Sandy Point Nr, Hayling Island	1992	1996	3	1
Eryngium maritimum	Sea-holly	IUCN_EN_2014:NT CS sHS	SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Beach Estate	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1979	2000	12	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Euphorbia cyparissias	Cypress Spurge	CS sHS, nHR	SZ7199		West Town, Hayling Island	1999	1999	1	1
Euphorbia paralias	Sea Spurge	CS sHS	SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1979	2000	11	1
			SZ7498		Sandy Point, Hayling Island	2003	2003	1	Present
Filago minima	Small Cudweed	IUCN_EN_2014:NT	SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Fragaria vesca	Wild Strawberry	IUCN_EN_2014:NT	SZ7199		West Town, Hayling Island	2017	2017	1	Present
Frankenia laevis	Sea-heath	IUCN_EN_2014:NT, IUCN_GB_2001:NT NS CR sHR	SU7301		Gutner Point, Hayling Island	2017	2018	2	1
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Genista tinctoria	Dyer's Greenweed	IUCN_EN_2014:VU	SZ7498		Sandy Point Nr, Hayling Island	1980	1996	2	1
Glaucium flavum	Yellow Horned-poppy	IUCN_EN_2014:NT CS	SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ723986		Hayling Bay	1997	1997	1	1
			SZ726985		South Hayling	2017	2017	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7298		S Shore Hayling Island	2017	2017	1	Present
			SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Beach Estate	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1990	2003	6	1
Honckenya peploides	Sea Sandwort	CS	SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7198		South Hayling	1999	1999	1	1
			SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Beach Estate	1997	1997	1	1
			SZ7498		Sandy Point Nr, Hayling Island	1979	2003	6	1
Hordeum marinum	Sea Barley	IUCN_EN_2014:VU, IUCN_GB_2001:VU NS NERC_s41 HBAP CS sHS	SZ7498		Sandy Point Nr, Hayling Island	1992	1992	1	Present
Hypochaeris glabra	Smooth Cat's-ear	IUCN_EN_2014:VU, IUCN_GB_2001:VU	SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		HBAP CS sHS, nHR	SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	2000	5	Present
Inula crithmoides	Golden-samphire	NS HBAP CS	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SZ734992		Selsmore	1998	1998	1	1
			SZ736993		Selsmore	2017	2017	1	Present
			SZ7399		Selsmore, Hayling	2009	2009	1	Present
			SZ740991		Selsmore, Hayling	2005	2009	2	1
Jasione montana	Sheep's-bit	IUCN_EN_2014:VU	SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	1996	4	1
Juncus acutus	Sharp Rush	NS CR sHR	SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Hayling Island, Sandy Point Nr	2005	2005	1	2
			SZ7498		Sandy Point Nr, Hayling Island	1983	1998	7	7
Lagurus ovatus	Hare's-tail	CI	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
			SZ7498		Sandy Point, Hayling Island	2003	2003	1	Present
Lepidium campestre	Field Pepperwort	IUCN_EN_2014:NT	SZ725986		Old Putting Green	2001	2001	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Leymus arenarius	Lyme-grass	CS sHS	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1992	1992	1	Present
			SZ7498		Sandy Point, Hayling Island	1989	1994	2	1
Limonium humile	Lax-flowered Sea-lavender	NS CS	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1995	1995	1	Present
			SZ734985		Eastoke, Hayling Island	1988	1989	2	Present
			SZ7498		Se Hayling Island	2017	2017	1	Present
Limonium vulgare	Common Sea-lavender	IUCN_EN_2014:NT	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	3	Present
			SU736003		Tourner Bury Marsh	2010	2010	1	1
			SZ7298		Tournerbury	1994	1994	1	Present
			SZ738993		Selsmore	1997	1997	1	1
			SZ7398		Eaststoke	1999	1999	1	1
			SZ7399		Selsmore And Tourner Bury Fort	2017	2017	1	Present
			SZ7399		Selsmore, Hayling	2009	2009	1	Present
			SZ739988		Eastoke	1998	1998	1	1
Limonium vulgare x	Sea-Lavender	CR	SU7301		Gutner Saltmarsh	1995	1995	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
humile = L. x neumanii		sHR	SU7301		Hayling Island, Saltmarsh To East - Gutner	1995	1995	1	Present
Medicago polymorpha	Toothed Medick	NS CS sHS, nHR	SZ726986		Toilet Lawns	2001	2001	1	Present
Moenchia erecta	Upright Chickweed	IUCN_EN_2014:VU	SZ72179873		Tea Shop Lawn	2001	2001	1	Present
			SZ721986		Beach Hut Shingle	1997	1997	1	Present
			SZ721986		Beachlands Quad Bike Lawn	2009	2009	1	Present
			SZ721987		Seagrove Avenue Lawn	1997	1997	1	Present
			SZ72379868		Tea Shop Lawn	2001	2001	1	Present
			SZ725986		Old Putting Green	1997	2001	2	Present
			SZ726986		Toilet Lawns	2001	2001	1	Present
			SZ727985		Coastguards (East)	2001	2001	1	Present
			SZ7298		S Shore Hayling Island	2009	2009	1	Present
			SZ7399		Mengham Beach, Hayling Island	1993	1993	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	2	1
Nymphoides peltata	Fringed Water-lily	NS CI	SU730000		Tourner Bury Marsh	2010	2010	1	Present
Oenanthe lachenalii	Parsley Water-	IUCN_EN_2014:NT	SU7301		Gutner Saltmarsh	1995	1995	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
	dropwort	CS	SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	3	Present
Ononis spinosa	Spiny Restharrow	IUCN_EN_2014:NT CS nHR, sHS	SU733001		Tourner Bury Marsh, Hayling Island	2010	2010	1	40
			SU734009		Mill Rythe Holiday Park Golf Course	1997	1997	1	Present
			SZ7298		Tournerbury	1994	1994	1	Present
			SZ737992		Mengham Salterns	1998	1998	1	Present
			SZ739990		Eaststoke	1999	1999	1	1
Parapholis incurva	Curved Hard-grass	NS HBAP CS	SU7301		Gutner Point Nr	1989	1989	1	Present
Pedicularis sylvatica	Lousewort	IUCN_EN_2014:VU	SZ7498		Sandy Point Nr, Hayling Island	1980	2003	5	1
Phleum arenarium	Sand Cat's-tail	IUCN_EN_2014:NT CR sHR	SZ7198		South Hayling	1999	1999	1	1
			SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	1998	3	1
			SZ7498		Sandy Point, Hayling Island	2003	2003	1	Present
Poa bulbosa	Bulbous Meadow-grass	NS HBAP	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		CS sHS	SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	1	Present
			SZ7198		South Hayling	1999	1999	1	1
			SZ721986		Beachlands Quad Bike Lawn	2009	2009	1	Present
			SZ721986		South Hayling, Hayling Island	1993	1993	1	Present
			SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	2	1
Poa infirma	Early Meadow-grass	NS	SU724009		Saltmarsh Path, Fleet	2000	2000	1	1
			SZ720988		Westfield, S Hayling Island	2004	2004	1	Present
			SZ721999		Gable Head	2000	2000	1	1
			SZ734984		Selsmore	1999	1999	1	1
Polygala serpyllifolia	Heath Milkwort	IUCN_EN_2014:NT	SZ7498		Sandy Point Nr, Hayling Island	1996	2003	2	1
Polygonum maritimum	Sea Knotgrass	IUCN_EN_2014:VU, IUCN_GB_2001:VU NR WCA_s8 CR sHR	SZ7498		Hayling Island - S.of Lifeboat Station, N. Of Sand	2000	2000	1	11
			SZ7498		Sandy Point Nr, Hayling Island	1996	2000	2	100

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Polygonum oxyspermum subsp. raii	Polygonum oxyspermum subsp. raii	CS sHS	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Potamogeton pectinatus	Fennel Pondweed	CS	SU734009		Mill Rythe Holiday Park Golf Course	1997	1997	1	Present
			SZ735988		Eastoke	2017	2017	1	Present
			SZ737992		Mengham Salterns	1998	1998	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Potentilla erecta	Tormentil	IUCN_EN_2014:NT	SZ7298		Tournerbury	1994	1994	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	1996	4	1
Puccinellia rupestris	Stiff Saltmarsh-grass	NS HBAP CS	SU7201		Tye, Hayling Island	1988	1989	2	1
			SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	1	Present
Radiola linoides	Allseed	IUCN_EN_2014:VU, IUCN_GB_2001:NT	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Raphanus raphanistrum subsp. maritimus	Sea Radish	CS	SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	1	Present
			SZ721986		Beach Hut Shingle	1997	1997	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1992	1996	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Rumex crispus subsp. littoreus	Curled Dock	CS	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7198		South Hayling	1999	1999	1	1
			SZ726985		South Hayling	2017	2017	1	Present
			SZ7398		Eaststoke	1999	1999	1	1
Ruppia cirrhosa	Spiral Tasselweed	IUCN_GB_2001:NT NS HBAP CR sHR	SZ7298		Tournerbury	1994	1994	1	Present
			SZ737987		Eaststoke	1999	1999	1	1
Ruppia maritima	Beaked Tasselweed	IUCN_EN_2014:NT CS sHS	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1995	1995	1	Present
			SZ737987		Eaststoke	1999	1999	1	1
Sagina maritima	Sea Pearlwort	CS	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Sagina subulata	Heath Pearlwort	IUCN_EN_2014:NT	SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	2	Present
			SZ7399		Mengham Beach, Hayling Island	1993	1993	1	Present
Salicornia	Long-spiked	CS	SU7300		Tourner Bury Marsh, Hayling	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
dolichostachya	Glasswort				Island				
			SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SZ7398		Eastoke, South Hayling Island	2003	2003	1	Present
			SZ740991		Selsmore, Hayling	2009	2009	1	Present
			SZ7498		Se Hayling Island	2017	2017	1	Present
Salicornia europaea	Common Glasswort	CS sHS	SU7100		Hayling Island	2011	2011	1	Present
			SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SU736004		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
Salicornia fragilis	Yellow Glasswort	NS CS	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SU736000		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SZ739990		Mengham	2010	2010	1	Present
Salicornia nitens	Shiny Glasswort	IUCN_EN_2014:DD, IUCN_GB_2001:DD	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		NS CR sHR	SU7301		Gutner Saltmarsh	1995	2011	2	1
Salicornia obscura	Glaucous Glasswort	IUCN_EN_2014:DD, IUCN_GB_2001:DD NR CR sHR	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
Salicornia pusilla	One-flowered Glasswort	NS HBAP CS sHS	SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SU735004		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SZ739990		Selsmore, Hayling	2009	2009	1	Present
Salicornia pusilla x ramosissima	Glasswort	CR sHR	SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1995	1995	1	Present
			SU736003		Tourner Bury Marsh	2010	2010	1	Present
Salicornia ramosissima	Purple Glasswort	CS	SU7301		Gutner Saltmarsh	1995	2011	3	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SU735004		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SZ739990		Selsmore, Hayling	2009	2009	1	Present
Salsola kali	Saltwort	CR sHS	SZ7498		Sandy Point Nr, Hayling Island	1995	2000	2	Present
Salsola kali subsp. kali	Prickly Saltwort	IUCN_GB_2001:VU NERC_s41 CR sHS	SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Sanicula europaea	Sanicle	IUCN_EN_2014:NT	SZ7298		Tournerbury	1994	1994	1	Present
Sarcocornia perennis	Perennial Glasswort	NS CS	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SU7301		Gutner Saltmarsh	1995	2001	2	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SZ735985		Eaststoke	1999	1999	1	1
			SZ738988		Eastoke	2017	2017	1	Present
			SZ7399		Selsmore, Hayling	2009	2009	1	Present
			SZ739990		Mengham	2010	2010	1	Present
			SZ740991		Selsmore, Hayling	2009	2009	1	Present
			SZ7498		Hayling Island East, Hants	2017	2017	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Senecio aquaticus	Marsh Ragwort	IUCN_EN_2014:NT	SZ737992		Mengham Salterns	1998	1998	1	Present
Seriphidium maritimum	Sea Wormwood	IUCN_EN_2014:NT CS sHS	SU7301		Gutner Saltmarsh	1995	2011	2	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
Spartina maritima	Small Cord-grass	IUCN_EN_2014:EN, IUCN_GB_2001:EN NS NERC_s41 CR sHR	SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1990	2	Present
			SZ7298		Tournerbury	1994	1994	1	Present
Spartina maritima x alterniflora = S. x townsendii	Townsend's Cord-grass	CS sHS	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
Spergula arvensis	Corn Spurrey	IUCN_EN_2014:VU, IUCN_GB_2001:VU	SZ7198		Hayling Island, Beachlands	2017	2017	1	Present
			SZ7199		West Town, Hayling Island	1999	1999	1	1
Spiranthes spiralis	Autumn Lady's-	IUCN_EN_2014:NT,	SZ71969924		Hayling Island	2010	2010	1	6

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
	tresses	IUCN_GB_2001:NT	SZ71979924		Hayling Island	2010	2010	1	3
			SZ72019895		Hayling Island	2010	2010	1	7
			SZ72039925		Hayling Island	2010	2010	1	11
			SZ72049904		Hayling Island	2010	2010	1	Present
			SZ72049905		Hayling Island	2010	2010	1	4
			SZ72059911		Hayling Island	2010	2010	1	40
			SZ72059914		Hayling Island	2010	2010	1	7
			SZ72069887		Hayling Island	2010	2010	1	Present
			SZ72089887		Hayling Island	2010	2010	1	Present
			SZ72099922		Hayling Island	2010	2010	1	2
			SZ72119886		Hayling Island	2010	2010	1	Present
			SZ72119925		Hayling Island	2010	2010	1	13
			SZ72119926		Hayling Island	2010	2010	1	9
			SZ72199884		Hayling Island	2010	2010	1	19
			SZ72239876		Hayling Island	2010	2010	1	100
			SZ72249875		Hayling Island	2010	2010	1	50
			SZ72269875		Hayling Island	2010	2010	1	50
			SZ72339873		Hayling Island	2010	2010	1	1
			SZ72439872		Hayling Island	2010	2010	1	50
			SZ72509892		Hayling Island	2010	2010	1	62
			SZ727992		Mengham, Hayling	2017	2017	1	Present
			SZ73209874		Hayling Island	2010	2010	1	Present
			SZ733986		Eastoke	1998	1998	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Sandy Point Nr, Hayling Island	1992	1996	3	1
Stachys arvensis	Field Woundwort	IUCN_EN_2014:NT, IUCN_GB_2001:NT	SZ726995		Mengham, Hayling	2017	2017	1	Present
Teesdalia nudicaulis	Shepherd's Cress	IUCN_EN_2014:NT, IUCN_GB_2001:NT CS nHS, sHR	SZ7498		Sandy Point Nr, Hayling Island	1980	1996	3	Present
Torilis nodosa	Knotted Hedge-parsley	CS	SZ724991		Srelsmore Road, Hayling	2017	2017	1	Present
Trifolium fragiferum	Strawberry Clover	IUCN_EN_2014:VU	SU7301		Gutner Point Nr	2011	2011	1	Present
			SU7301		Gutner Saltmarsh	1995	1995	1	1
			SZ737992		Mengham Salterns	1998	1998	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1996	1996	1	1
Trifolium suffocatum	Suffocated Clover	NS HBAP CS	SZ7198		Hayling Island, Beachlands South, Hants	2017	2017	1	Present
			SZ7198		Hayling, Parking Area By Bungalow & E. [westfield	1993	1993	2	Present
			SZ7198		South Hayling	1989	1999	2	1
			SZ721986		Beachlands Quad Bike Lawn	2009	2009	1	Present
			SZ72379868		Tea Shop Lawn	2001	2001	1	Present
			SZ726985		South Hayling	2009	2009	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ726986		Toilet Lawns	2001	2001	1	Present
			SZ727985		Coastguards (East)	2001	2001	1	Present
			SZ7298		Westfield, South Hayling	1996	1996	1	1
			SZ7399		Mengham Beach, Hayling Island	1993	1993	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	1996	5	1
Ulex gallii	Western Gorse	CS	SZ7498		Sandy Point Nr, Hayling Island	1990	2003	7	1
		sHS	SZ7498		Se Hayling Island	2017	2017	1	Present
Valeriana officinalis	Common Valerian	IUCN_EN_2014:NT	SU718003		Newtown	1997	1997	1	1
			SZ7299		Mengham	1997	1997	1	1
Veronica officinalis	Heath Speedwell	IUCN_EN_2014:NT	SZ7498		Sandy Point Nr, Hayling Island	1980	2003	5	1
Vicia lathyroides	Spring Vetch	CS	SZ7498		Sandy Point Nr, Hayling Island	1996	2003	3	1
Viola canina	Heath Dog-violet	IUCN_EN_2014:VU, IUCN_GB_2001:NT	SZ7498		Sandy Point Nr, Hayling Island	1980	1996	7	1
Viola canina subsp. canina	Heath Dog-Violet	IUCN_EN_2014:VU, IUCN_GB_2001:NT	SZ7498		Sandy Point Nr, Hayling Island	2003	2003	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Viola lactea	Pale Dog-violet	IUCN_EN_2014:EN, IUCN_GB_2001:VU NS NERC_s41 HBAP	SZ7498		Sandy Point Nr, Hayling Island	1980	1992	3	Present
Viola riviniana x lactea	Violet	CR nHR, sHR	SZ7498		Sandy Point Nr, Hayling Island	1992	1992	1	Present
Vulpia fasciculata	Dune Fescue	NS HBAP CR sHR	SZ7498		Hayling Island East, Hants	2017	2017	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1980	1996	3	1
Zostera (Zostera) marina	Eelgrass	IUCN_EN_2014:VU, IUCN_GB_2001:NT HBAP CS sHS	SU7300		Tourner Bury Marsh, Hayling Island	2010	2010	1	Present
			SU7301		Chichester Harbour, Gutner	2001	2001	1	Present
			SU7301		Gutner Saltmarsh	1995	1995	1	1
			SU7301		Hayling Island, Saltmarsh To East - Gutner	1986	1995	2	Present
			SZ7499		Mengham Rithe Area	2009	2009	1	Present
Zostera (Zosterella) noltei	Dwarf Eelgrass	IUCN_EN_2014:VU, IUCN_GB_2001:VU NS	SU7200		Chichester Hbr	1979	2008	2	1
			SU7201		Hayling Island	2008	2008	1	Present
			SU7300		Dip Rithe Area	2008	2008	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		HBAP CS sHS	SU7301		Chichester Harbour, Gutner	2001	2008	2	Present
			SU7301		Gutner Peninsula, Hayling Island	2000	2000	1	Present
			SU7301		Gutner Point, Hayling Island	2015	2015	1	Present
			SU7400		Chichester Hbr	1979	2009	2	1
			SZ7399		Chichester Harbour, Mengham	2009	2009	1	Present
			SZ7499		Mengham Rithe Area	2001	2009	2	Present
Invertebrates - Blattaria									
Ectobius panzeri	Lesser Cockroach	NS	SZ7498		Sandy Point Lnr	2011	2011	1	Present
Invertebrates - Coleoptera									
Enochrus bicolor	Enochrus bicolor	NS	SZ7498		Sandy Point Lnr	2011	2011	1	2
Hippodamia variegata	Adonis' Ladybird	NS	SZ7498		Sandy Point Lnr	2011	2011	1	1
Lucanus cervus	Stag Beetle	EU_Hab_2np NS NERC_s41 HBAP	SZ721996			2007	2007	1	1
			SZ721997			2007	2007	1	1
			SZ722993			2007	2007	1	1
			SZ732990			2007	2007	1	1
			SZ736990			2007	2007	1	1
Invertebrates - Diptera									

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Stratiomys longicornis	Long-horned General	NS HBAP	SZ7498		Sandy Point Lnr	2011	2011	1	1
Villa modesta	Dune Villa	NS	SZ7498		Sandy Point Lnr	1990	2012	11	4
Invertebrates - Hemiptera									
Capsodes sulcatus	Capsodes sulcatus	NS	SZ7498		Sandy Point Lnr	2017	2017	1	1
Invertebrates - Hymenoptera									
Andrena (Chrysandrena) fulvago	Hawksbeard Mining Bee	NS	SZ7498		Sandy Point Lnr	2012	2012	1	1
Andrena (Hoplandrena) trimmerana	Trimmer's Mining Bee	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	1993	2012	4	4
Andrena (Micrandrena) alfkenella	Alfken's Mini-miner	IUCN_GB_pre94:NR	SZ7498		Sandy Point Lnr	2008	2008	1	1
Bombus (Psithyrus) rupestris	Red-tailed (Hill) Cuckoo Bee	NS HBAP	SZ7498		Sandy Point BWARS LNR	2011	2011	1	Present
			SZ7498		Sandy Point Lnr	2008	2011	3	2

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Bombus humilis	Brown-banded Carder-bee	NERC_s41 HBAP	SZ7498		Sandy Point Lnr	2008	2010	3	3
Bombus muscorum	Moss Carder-bee	NERC_s41	SZ7498		Sandy Point BWARS LNR	2011	2011	1	Present
			SZ7498		Sandy Point Lnr	2011	2011	1	1
Colletes (Colletes) marginatus	Margined Colletes	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	1990	2012	15	12
Hylaeus annularis	Shingle Yellow-face Bee	IUCN_GB_pre94:NR	SZ7498		Sandy Point Lnr	1990	2012	8	3
Lasioglossum (Evylaeus) brevicorne	Short-horned Furrow Bee	IUCN_GB_pre94:NR	SZ7498		Sandy Point Lnr	2010	2010	1	1
Lasioglossum (Evylaeus) pauxillum	Lobe-spurred Furrow Bee	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	1	Present
			SZ7498		Sandy Point Lnr	2011	2011	1	1
Lestiphorus bicinctus	Lestiphorus bicinctus	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	2008	2011	3	8
Megachile leachella	Silvery Leafcutter Bee	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	1990	2012	21	4
Microdynerus exilis	Microdynerus exilis	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	1	Present
			SZ7498		Sandy Point Lnr	2011	2011	1	2
Mutilla europaea	Large Velvet Ant	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Sandy Point Lnr	1992	2011	2	1
Nomada lathburiana	Lathbury's Nomad Bee	IUCN_GB_pre94:NR	SU732004		Thorncombe Farm	2011	2011	1	Present
Nysson trimaculatus	Nysson trimaculatus	NS	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	2011	2011	2	4
Philanthus triangulum	Bee Wolf	IUCN_GB_pre94:VU	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	1992	2012	10	8
Podalonia affinis	Mud Wasp	IUCN_GB_pre94:NR	SZ7498		Sandy Point BWARS LNR	2011	2011	2	Present
			SZ7498		Sandy Point Lnr	1990	2012	16	6
Sphecodes reticulatus	Reticulate Blood Bee	NS	SZ7498		Sandy Point Lnr	1995	2012	3	1
Temnothorax interruptus	Long-spined Ant	IUCN_GB_pre94:NR NERC_s41	SZ7498		Sandy Point Lnr	2004	2004	1	10
Invertebrates - Lepidoptera									
Abrostola triplasia	Dark Spectacle	CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1
Acronicta psi	Grey Dagger	NERC_s41	SZ7498		Sandy Point Nr, Hayling Island	1991	2011	4	1
Acronicta rumicis	Knot Grass	NERC_s41	SZ721995		Linden Grove, Hayling Island	2007	2007	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Po11 9dg				
			SZ721995		Linden Grove, South Hayling	2008	2012	11	3
			SZ7498		Sandy Point Nr, Hayling Island	1995	2011	3	1
Agdistis bennetii	Saltmarsh Plume	CR	SU7301		Gutner Point, Hayling	1992	2015	5	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	2011	2011	1	Present
Agrochola lychnidis	Beaded Chestnut	NERC_s41	SZ721995		Linden Grove, South Hayling	2010	2010	1	1
Amphipoea fucosa	Saltern Ear	CS	SZ721995		Linden Grove, South Hayling	2010	2010	2	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	2011	2011	1	1
Apamea remissa	Dusky Brocade	NERC_s41	SZ721995		Linden Grove, South Hayling	2009	2011	2	1
Apoda limacodes	Festoon	HBAP	SZ721995		Linden Grove, South Hayling	2010	2011	2	1
Aporophyla lutulenta	Deep-brown Dart	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
Arctia caja	Garden Tiger	NERC_s41	SZ721995		Linden Grove, South Hayling	2009	2010	3	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ7498		Sandy Point Nr, Hayling Island	2007	2007	1	1
Aristotelia brizella	Thrift Neb	NS	SU7301		Gutner Point, Hayling	2004	2012	2	2
Aristotelia ericinella	Heather Neb	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Aspitates ochrearia	Yellow Belle	CS	SZ721995		Linden Grove, South Hayling	2009	2009	1	1
			SZ7498		Sandy Point Lnr	1999	2011	3	3
Batia lambdella	Greater Tawny Tubic	CR	SZ7498		Sandy Point Lnr	1991	2006	2	1
Bryotropha similis	Obscure Groundling	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Caradrina morpheus	Mottled Rustic	NERC_s41	SZ721995		Linden Grove, South Hayling	2011	2012	2	1
Caryocolum blandella	Short-barred Groundling	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Caryocolum fraternella	Mouse-ear Groundling	CR	SZ7498		Sandy Point Nr, Hayling Island	2007	2007	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Cataclysta lemnata	Small China-mark	CR	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
Cirrhia icteritia	Sallow	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2010	2010	4	1
Cochylis molliculana	Ox-tongue Conch	CS	SZ721995		Linden Grove, South Hayling	2009	2009	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
Coenonympha pamphilus	Small Heath	IUCN_GB_2001:NT NERC_s41	SZ7498		Sandy Point Lnr	1976	2010	5	4
			SZ7498		Sandy Point Nr, Hayling Island	2007	2007	1	1
Coleophora atriplicis	Saltmarsh Case-bearer	CR	SU7301		Gutner Point, Hayling	1984	2015	5	2
Coleophora coracipennella	Blackthorn Case-bearer	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Coleophora limoniella	Silver-streaked Case-bearer	CR	SU7301		Gutner Point, Hayling	1996	2012	6	1
Coleophora maritimella	Sea-rush Case-bearer	CR	SU7301		Gutner Point, Hayling	2004	2004	1	Present
Coleophora	Glasswort Case-	CR	SU7301		Gutner Point, Hayling	1996	2015	7	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
salicorniae	bearer		SZ7498		Sandy Point Nr, Hayling Island	2011	2011	1	1
Cosmopterix scribaiella	New Marsh Cosmet	CS	SZ7498		Sandy Point Nr, Hayling Island	2009	2010	2	Present
Cryphia algae	Tree-lichen Beauty	CR	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
Cynaeda dentalis	Starry Pearl	IUCN_GB_pre94:NR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Diarsia rubi	Small Square-spot	NERC_s41	SZ721995		Linden Grove, South Hayling	2008	2009	3	1
Dichrorampha flavidorsana	Narrow-blotch Drill	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Dolicharthria punctalis	Long-legged China-mark	NS	SZ721995		Linden Grove, South Hayling	2011	2011	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	4	1
Ectoedemia louisella	Maple-seed Pigmy	CR	SU7301		Gutner Point, Hayling	2004	2004	1	1
Ennomos erosaria	September Thorn	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Ennomos fuscantaria	Dusky Thorn	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	8	2
			SZ721995		Linden Grove, South Hayling	2008	2010	6	1
Ennomos quercinaria	August Thorn	NERC_s41	SZ721995		Linden Grove, South Hayling	2010	2010	1	1
Ephestia parasitella	False Cacao Moth	CR	SZ721995		Linden Grove, South Hayling	2009	2009	2	1
Epinotia signatana	Black-brindled Bell	CR	SU7301		Gutner Point, Hayling	2015	2015	1	Present
Epirrhoe galiata	Galium Carpet	NERC_s41 CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Ethmia dodecea	Dotted Ermel	NS	SZ721995		Linden Grove, South Hayling	2009	2009	1	1
Eupithecia simpliciata	Plain Pug	CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1
Eupithecia ultimaria	Channel Islands Pug	CR	SZ721995		Linden Grove, Hayling Island	2007	2007	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
					Po11 9dg				
			SZ721995		Linden Grove, South Hayling	2010	2010	3	1
Euxoa tritici	White-line Dart	NERC_s41 CS	SZ7498		Sandy Point Lnr	1991	2006	2	2
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	4	1
Furcula bifida	Poplar Kitten	CS	SZ721995		Linden Grove, South Hayling	2008	2011	2	1
Grapholita internana	Dark Gorse Piercer	CR	SZ7498		Sandy Point Nr, Hayling Island	1994	2015	4	1
Gynnidomorpha vectisana	Small Saltern Conch	CR	SU7301		Gutner Point, Hayling	2004	2004	1	1
Gypsonoma aceriana	Rosy Cloaked Shoot	CR	SU7301		Gutner Point, Hayling	2012	2012	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
Hadena confusa	Marbled Coronet	CS	SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Hadena perplexa	Tawny Shears	CS	SZ721995		Linden Grove, South Hayling	2011	2011	2	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Hemistola chrysoprasaria	Small Emerald	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
Hipparchia semele	Grayling	IUCN_GB_2001:VU NERC_s41	SZ7498		Sandy Point Lnr	1993	2012	11	20
			SZ7498		Sandy Point Nr, Hayling Island	2003	2007	2	Present
Hoplodrina blanda	Rustic	NERC_s41	SZ721995		Linden Grove, South Hayling	2009	2011	2	1
			SZ7498		Sandy Point Lnr	1991	2006	2	1
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	4	Present
Hydraecia micacea	Rosy Rustic	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2010	2010	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	2007	2007	1	1
Idaea ochrata	Bright Wave	IUCN_GB_pre94:NR	SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Idaea rusticata subsp. atrosignaria	Least Carpet	CS	SZ721995		Linden Grove, South Hayling	2010	2010	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Lacanobia suasa	Dog's Tooth	CS	SZ721995		Linden Grove, South Hayling	2009	2011	3	1
Larentia clavaria	Mallow	CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Lasiommata megera	Wall	IUCN_GB_2001:NT NERC_s41 CS	SU728007		Mill Rythe, Hayling Island	2009	2009	1	1
			SZ723993		Mengham Area, Hayling Island	2011	2011	1	1
Lenisa geminipuncta	Twin-spotted Wainscot	CS	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Leucoptera spartifoliella	Broom Bent-wing	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Litoligia literosa	Rosy Minor	NERC_s41	SZ7498		Sandy Point Lnr	1991	2006	2	Present
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	5	Present
Lycia hirtaria	Brindled Beauty	NERC_s41	SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Malacosoma neustria	Lackey	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	5	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ721995		Linden Grove, South Hayling	2009	2012	4	2
			SZ7498		Sandy Point Lnr	1995	2006	2	1
			SZ7498		Sandy Point Nr, Hayling Island	1991	2014	5	1
Mecyna asinalis	Coastal Pearl	NS	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Monochroa moyses	Coast Neb	NN	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Monopis obviella	Yellow-backed Clothes	CR	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	10	2
			SZ721995		Linden Grove, South Hayling	2008	2010	5	2
Nephopterix angustella	Spindle Knot-horn	NS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1
Nyctobrya muralis	Marbled Green	CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1
			SZ721995		Linden Grove, South Hayling	2008	2012	15	2
			SZ7498		Sandy Point Lnr	1991	2006	2	2
Orthosia gracilis	Powdered Quaker	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Orthosia miniosa	Blossom Underwing	CS	SZ721995		Linden Grove, South Hayling	2010	2010	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Pediasia contaminella	Waste Grass-veneer	NS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2010	2010	2	1
			SZ7498		Sandy Point Lnr	1991	2006	2	2
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	5	2
Pempelia genistella	Gorse Knot-horn	NS HBAP	SZ7498		Sandy Point Lnr	1991	2006	2	Present
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	10	2
Phyllocnistis xenia	Kent Bent-wing	IUCN_GB_pre94:VU	SU7301		Gutner Point, Hayling	2004	2015	5	Present
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
			SZ7498		Sandy Point Nature Reserve	2009	2009	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	2003	2016	10	Present
Phyllonorycter viminiella	Willow Midget	CR	SU7301		Gutner Point, Hayling	2015	2015	1	Present
			SZ7498		Sandy Point Nr, Hayling Island	2016	2016	1	Present
Platytes cerussella	Little Grass-veneer	CR	SU7301		Gutner Point, Hayling	1997	2015	2	1
			SZ721995		Linden Grove, South Hayling	2009	2009	1	1
Pleurota bicostella	Light Streak	CR	SZ7498		Sandy Point Lnr	2006	2006	1	Present
Polymixis lichenea	Feathered Ranunculus	CS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	16	3
			SZ721995		Linden Grove, South Hayling	2008	2012	25	5

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Polyommatus coridon	Chalk Hill Blue	IUCN_GB_2001:NT HBAP CS	SU7200		Hayling Island	2009	2009	1	2
Rhizedra lutosa	Large Wainscot	NERC_s41	SZ721995		Linden Grove, South Hayling	2010	2011	2	1
Scopula marginepunctata	Mullein Wave	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	2	1
			SZ721995		Linden Grove, South Hayling	2009	2010	4	1
			SZ7498		Sandy Point Lnr	2011	2011	1	1
Scotopteryx chenopodiata	Shaded Broad-bar	NERC_s41	SZ7498		Sandy Point Lnr	1991	2011	3	2
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	7	1
Sitochroa palealis	Sulphur Pearl	NN	SZ7498		Sandy Point Lnr	1991	2006	6	7
Spilosoma lubricipeda	White Ermine	NERC_s41	SZ721995		Linden Grove, South Hayling	2008	2012	20	3
Spilosoma lutea	Buff Ermine	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	19	4
			SZ721995		Linden Grove, South Hayling	2008	2012	72	9
			SZ7498		Sandy Point Lnr	1991	2006	3	1
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	6	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Stigmella assimilella	Aspen Pigmy	CR	SZ7498		Sandy Point Nr, Hayling Island	1990	2010	9	1
Synaphe punctalis	Long-legged Tabby	NS	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2008	2011	11	3
			SZ7498		Sandy Point Lnr	1991	2011	2	5
			SZ7498		Sandy Point Nr, Hayling Island	1991	2011	8	Present
Timandra comae	Blood-vein	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	1
			SZ721995		Linden Grove, South Hayling	2009	2009	1	1
			SZ7498		Sandy Point Lnr	2006	2006	1	Present
Tyria jacobaeae	Cinnabar	NERC_s41	SU7301		Gutner Point, Hayling	2004	2016	3	2
			SZ721995		Linden Grove, South Hayling	2009	2009	2	1
			SZ7498		Sandy Point Lnr	1993	2012	10	50
			SZ7498		Sandy Point Nr, Hayling Island	2007	2007	1	Present
Watsonalla binaria	Oak Hook-tip	NERC_s41	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	3	2
			SZ721995		Linden Grove, South Hayling	2009	2009	2	1
Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	NERC_s41	SZ7498		Sandy Point Lnr	2006	2006	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Yponomeuta malinellus	Apple Ermine	CR	SZ721995		Linden Grove, Hayling Island Po11 9dg	2007	2007	1	4
Zelleria hepariella	Brown Ash Ermel	CR	SZ721995		Linden Grove, South Hayling	2011	2011	1	1
Invertebrates - Orthoptera									
Platycleis albopunctata	Grey Bush-cricket	NS	SZ7498		Sandy Point Lnr	1993	2011	2	1
Lower plants - Liverworts, Hornworts & Mosses									
Acaulon muticum var. muticum	Acaulon muticum var. muticum	NR CS	SZ7498		Sandy Point N.R.	1992	1992	1	Present
Ephemerum serratum	Serrated Earth-moss	CS	SZ725995		Tourner Bury Farm	1992	1992	1	Present
			SZ727995		Hayling Island, Tournerbury Farm	1992	1992	1	Present
Ephemerum stellatum	Starry Earth-moss	HBAP	SZ727995		Hayling Island,Tourner Bury Farm	1992	1992	1	Present
Mammals - Marine									

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Phoca vitulina	Common Seal	EU_Hab_2np EU_Hab_5 NERC_s41	SZ741995		Chichester Harbour	2016	2016	1	5
Tursiops truncatus	Bottle-Nosed Dolphin	EU_Hab_2np EU_Hab_4 HabReg_s2 NERC_s41	SZ741995		Chichester Harbour	2007	2007	1	1
Mammals - Terrestrial (bats)									
Chiroptera	Bats	EU_Hab_2np EU_Hab_4 HabReg_s2 NERC_s41 WCA_s5s94b WCA_s5s94c HBAP CI	SU7100		Sensitive	2000	2000	1	1
			SZ722989		Sensitive	1983	1983	1	Present
			SZ730988		Sensitive	2012	2012	1	Present
Eptesicus serotinus	Serotine	EU_Hab_4 HabReg_s2 IUCN_GB_2001:VU	SU7100		Sensitive	2016	2017	2	Present
			SU722000		Sensitive	2010	2010	1	1
			SU723000		Sensitive	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
		WCA_s5s94b WCA_s5s94c HBAP	SZ725990		Sensitive	2015	2015	1	1
Myotis	Unidentified Bat	EU_Hab_2np EU_Hab_4 HabReg_s2 IUCN_GB_2001:CR, IUCN_GB_2001:DD NERC_s41 WCA_s5s94b WCA_s5s94c HBAP CI	SZ725990		Sensitive	2015	2015	1	1
Myotis daubentonii	Daubenton's Bat	EU_Hab_4 HabReg_s2 WCA_s5s94b WCA_s5s94c	SZ726995		Sensitive	2011	2011	1	3
			SZ734987		Sensitive	1997	1997	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
Myotis mystacinus/brandtii	Whiskered/Brandt's Bat	HabReg_s2 WCA_s5s94b WCA_s5s94c	SZ728987		Sensitive	2002	2002	1	1
Nyctalus leisleri	Lesser Noctule	EU_Hab_4 HabReg_s2 IUCN_GB_2001:NT WCA_s5s94b WCA_s5s94c	SZ725990		Sensitive	2015	2015	1	1
Nyctalus noctula	Noctule Bat	EU_Hab_4 HabReg_s2 NERC_s41 WCA_s5s94b WCA_s5s94c	SU7100		Sensitive	2007	2007	1	1
			SZ725990		Sensitive	2015	2015	1	1
Pipistrellus	Pipistrelle Bat species	EU_Hab_4 HabReg_s2 IUCN_GB_2001:NT NERC_s41 WCA_s5s94b WCA_s5s94c HBAP	SU7100		Sensitive	1998	2007	4	9
			SU722000		Sensitive	2010	2010	2	1
			SU723000		Sensitive	2010	2010	1	Present
			SU726000		Sensitive	2007	2007	1	21
			SU726006		Sensitive	2010	2010	1	Present
			SU726007		Sensitive	2011	2011	1	1
			SZ724986		Sensitive	2003	2003	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ724999		Sensitive	2006	2006	1	1
			SZ725992		Sensitive	1998	1998	1	1
			SZ725999		Sensitive	2006	2010	6	55
			SZ728986		Sensitive	2001	2001	1	1
			SZ731991		Sensitive	2013	2013	2	127
			SZ732989		Sensitive	1998	1998	1	1
Pipistrellus pipistrellus	Pipistrelle	EU_Hab_4 HabReg_s2 WCA_s5s94b WCA_s5s94c HBAP	SU7100		Sensitive	1998	2017	15	31
			SU721006		Sensitive	2018	2018	1	1
			SU722000		Sensitive	2018	2018	1	1
			SU722005		Sensitive	2018	2018	1	1
			SZ719990		Sensitive	2018	2018	1	1
			SZ719991		Sensitive	2018	2018	1	1
			SZ721990		Sensitive	2018	2018	1	1
			SZ722987		Sensitive	2018	2018	1	1
			SZ722998		Sensitive	2018	2018	1	1
			SZ723987		Sensitive	2018	2018	1	2
			SZ723988		Sensitive	2018	2018	1	1
			SZ723990		Sensitive	2018	2018	1	1
			SZ723991		Sensitive	2018	2018	1	1
			SZ725990		Sensitive	2015	2015	1	1
			SZ725999		Sensitive	2006	2012	9	74
			SZ726995		Sensitive	2011	2011	1	12
			SZ728987		Sensitive	2018	2018	1	1

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
			SZ728990		Sensitive	2018	2018	2	1
			SZ729989		Sensitive	2018	2018	1	1
			SZ729990		Sensitive	2008	2008	1	4
			SZ729991		Sensitive	2018	2018	1	1
			SZ730989		Sensitive	2018	2018	1	1
			SZ731991		Sensitive	2012	2018	3	18
			SZ737990		Sensitive	2018	2018	1	2
			SZ738991		Sensitive	2018	2018	1	1
Pipistrellus pygmaeus	Soprano Pipistrelle	EU_Hab_4 HabReg_s2 NERC_s41 WCA_s5s94b WCA_s5s94c	SU7100		Sensitive	1998	2017	15	51
			SU720006		Sensitive	2018	2018	1	1
			SU722005		Sensitive	2018	2018	1	1
			SU727000		Sensitive	2016	2016	1	1
			SZ723999		Sensitive	2018	2018	1	1
			SZ725990		Sensitive	2015	2015	1	1
			SZ726992		Sensitive	2018	2018	1	1
			SZ726995		Sensitive	2011	2011	1	6
			SZ726997		Sensitive	1999	1999	1	1
			SZ730991		Sensitive	2018	2018	1	1
			SZ731991		Sensitive	2018	2018	1	1
			SZ735990		Sensitive	2018	2018	1	1
			SZ736991		Sensitive	2018	2018	1	1
			SZ738985		Sensitive	2015	2015	1	1
Plecotus	Long-eared Bat	EU_Hab_4	SU723000		Sensitive	2010	2010	1	Present

Taxon Name	Common Name	Status	Grid Ref	GR Blurred	Location	First Year	Last Year	No. of Records	Max Count
	species	HabReg_s2 IUCN_GB_2001:EN NERC_s41 WCA_s5s94b WCA_s5s94c HBAP CI	SZ736991		Sensitive	2016	2016	1	Present
Plecotus auritus	Brown Long-eared Bat	EU_Hab_4 HabReg_s2 NERC_s41 WCA_s5s94b WCA_s5s94c	SU722000		Sensitive	2010	2010	2	1
			SZ725990		Sensitive	2015	2015	1	1
Mammals - Terrestrial (non-bats)									
Erinaceus europaeus	West European Hedgehog	IUCN_GB_2001:VU NERC_s41	SZ721989		Seagrove Avenue	2015	2015	1	1

Sensitive species

A small number of species are considered as sensitive by the relevant specialist species recording groups and will be indicated as such on all lists. Species may be considered sensitive for a variety of reasons. Location details for these records will not disclosed unless the relevant species recording group has given their permission.

Grid references maybe altered to give a less precise position, this is indicated by the 'Grid Ref Blurred' column. Contact HBIC if further information is needed on these records.

Further notes

- Records of species such as Box (*Buxus sempervirens*) may not appear in the table above because obviously planted specimens have been excluded from protected and notable species lists.
- Bluebell (*Hyacinthoides non-scripta*), Butchers Broom (*Ruscus aculeatus*) and Scots Pine (Pinus sylvestris) have a national status, however they are relatively common in Hampshire and so have been excluded from protected and notable species lists.
- Records of Hazel Dormice (*Muscardinus avellanarius*) include those where presence has been inferred from hazel nut evidence. Please contact HBIC if further details are required on these records.
- The location names, where shown, are the originals given by the recorders and may not match any formal name for the location or other colloquial names by which the location may also be known.
- The grid references, where shown, are the originals given by the recorders and may indicate the specific location of the species, a central grid reference representing a larger survey area, or a grid square.
- Where species have been deemed as 'sensitive' by the relevant specialist species recording group the location name will not be shown and the grid reference may have been altered to give a less precise position specified by the species recording group. This will be indicated by a 'yes' in the 'Grid Ref Blurred' column.
- Many of the records have been supplied by specialist species recording groups. Whilst every reasonable effort is made to validate information supplied to the Hampshire Biodiversity Information Centre the accuracy or comprehensiveness of this information cannot be guaranteed.
- Records do not necessarily represent evidence of breeding at a site; please contact HBIC if further details are required for any of these records.
- Whilst a species may have been recorded at a site, this does not indicate that the species is still present. Equally, the absence of a species from a site does not signify that it is absent, only that it has not been recorded, that the site has not been surveyed for this species, or that HBIC has not been informed of its presence.
- Quantities of '0' (zero) indicate that the species was 'present' but the number of individuals seen was not recorded.
- Negative sightings are not included in species lists.

Status codes and abbreviations:

EU_Bird_1	Annex I of the Birds Directive

EU_Hab_2	Annex II of the Habitats Directive (priority species)
EU_Hab_2np	Annex II of the Habitats Directive (non-priority species)
EU_Hab_4	Annex IV of the Habitats Directive
EU_Hab_5	Annex V of the Habitats Directive
IUCN_GB_pre94	See IUCN (pre 1994) guidelines, covering Great Britain
IUCN_GB_1994	See IUCN (1994) guidelines, covering Great Britain
IUCN_GB_2001	See IUCN (2001) guidelines, covering Great Britain
IUCN_EN_2014	See IUCN (2001) guidelines, covering England
BOCC_Red	Birds of Conservation Concern Red list
NR	Nationally rare (occurring in 15 or fewer 10km squares in Great Britain)
NS	Nationally scarce (occurring in 16 - 100 10km squares in Great Britain)
NN	Nationally notable (occurring in 16 - 100 10km squares in Great Britain or less than 20 Vice Counties)
HBAP	Hampshire Biodiversity Action Plan species
NERC_s41	Priority Species listed under Section 41 of the Natural Environment and Rural Communities Act 2006
WCA_s1p1	Schedule 1 Part 1 of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s91(k)	Schedule 5 Section 9 Part 1 (killing/injuring) of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s91(t)	Schedule 5 Section 9 Part 1 (taking) of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s94a	Schedule 5 Section 9 Part 4a of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s94b	Schedule 5 Section 9 Part 4b of the Wildlife and Countryside Act 1981 (as amended)
WCA_s5s94c	Schedule 5 Section 9 Part 4c of the Wildlife and Countryside Act 1981 (as amended)
WCA_s8	Schedule 8 of the Wildlife and Countryside Act 1981 (as amended)
HabReg_2	Schedule 2 of Conservation of Habitats and Species Regulations 2010 (European Protected Species animal)
HabReg_5	Schedule 5 of Conservation of Habitats and Species Regulations 2010 (European Protected Species plant)
PBA	Protection of Badgers Act 1992
NI	National Interest

CR	County Rare
CS	County Scarce
CI	County Interest
nHR	North Hampshire Rare (VC12)
sHR	South Hampshire Rare (VC11)
nHS	North Hampshire Scarce (VC12)
sHS	South Hampshire Scarce (VC11)

11 APPENDIX C: WEDDING GUEST VISITOR MANAGEMENT STRATEGY

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Tournerbury Woods Estate
Wedding Guest Visitor Management Strategy

Introduction

1.1 The Shadow Appropriate Assessment[1] and Ecological Impact Assessment[2] submitted in support of the retrospective planning application for a wedding venue at Tournerbury Woods Estate have identified the need for a Visitor Management Strategy (VMS). The purpose of the VMS is to ensure that weddings are planned and run in a way that avoids adverse impact on the ecological interest features of the site and surrounds.

1.2 This VMS has been prepared in consultation with Natural England and presents an operational framework designed to avoid inappropriate access and/or use of ecologically important areas within the Tournerbury Woods Estate that are sensitive to disturbance by either the wedding guests themselves, or the activities in which they partake. The VMS identifies a series of controls that define the:

- type of activity appropriate within an area identified as ecologically sensitive
- timing of an activity relative to a season that is ecologically sensitive; or,
- extent of an activity within an ecologically sensitive area or context.

1.3 Adherence to the VMS will be secured through condition of the retrospective planning consent.

1.4 Natural England has reviewed the VMS and subject to minor revisions now included, has confirmed that the content is appropriate to the avoidance and mitigation of impacts identified in both the Shadow Appropriate Assessment and the Ecological Impact Assessment.

Visitor Management Strategy

2.1 Two areas within the Tournerbury Woods Estate have been identified as having potential ecological sensitivity and for which controls are required. These are:

- **The Bury**, within which a Heronry is present (point A on the attached plan). The Bury is a mixture of semi-natural broad-leaved woodland within Saxon earthworks. The Heronry is located adjacent to, and over the access track that runs along the western flank of the Bury, in a roughly north to south direction.
- The intertidal muds of **the foreshore** for their support of overwintering waterfowl. Wedding guests use the Harbour Lawn (point B) during weddings, which sits immediately adjacent to the foreshore and from which access to the intertidal is possible.

[1] Holbury Consultancy Services Ltd, 2020. Tournerbury Woods Estate. Shadow Appropriate Assessment. For Tournerbury Woods Estate.

[2] Hampshire Ecological Services Ltd, 2020. Tournerbury Woods Estate. Ecological Impact Assessment. For Tournerbury Woods Estate

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2.2 In addition:

- Tournerbury Plantation lies to the west of the site, and comprises secondary woodland established on former open ground in the late 19th Century. A plateau of land lies to the immediate north and north west of the lake in the Plantation, and this area is used for camping (area C). Although Tournerbury Plantation is not ecologically sensitive itself, it lies in proximity to the Bury, flagging the need to carefully control camping use of this site.
- Pipistrelle bat populations are present across the site, feeding at the woodland edge along tracks and field margins and with a small roost (common pipistrelle) located in Woods Cottage. Bat foraging behaviours can be affected by night time lighting and it is therefore important to minimise the scope for impact in this regard.

2.3 Controls, to be secured through condition, are as follows:

- ***The Bury***
  During the heron nesting season (1st January to 1st June) wedding guest access to the heronry area in the Bury will be limited to access along the access track as guests arrive and leave the site. Additionally, signs will be placed at either end of the heronry area of the track requesting that vehicles continue travelling along the track and do not stop due to nesting birds. If the alternative access track (granted by HBC APP/17/00207) becomes the primary access route to the Tournerbury Woods Estate, then wedding guest public access along the existing access track during heron nesting season will most likely cease as a matter of course.

- ***The foreshore***
  Access: wedding guest access to the Harbour Lawn will not be permissible on any day that a wedding party takes place during the period 1st November to 31st March consecutively. This will be secured by means of a rope barrier and signage erected across the access track to the Harbour Lawn. The sign will read *"No public / guest access beyond this point. Overwintering birds protected area"*. The barrier and sign will be erected at area 'D' on the accompanying VMS aerial photograph.

  Jetty: occasional use of the temporary jetty will be restricted to use only between 1st April to 31st October to prevent disturbance to feeding waterfowl over the core wintering period.

  Dogs: all wedding guests bringing dogs on site will be required to keep their dogs on leads to prevent uncontrolled dogs finding their way to the foreshore.

  Fireworks: wedding guests or suppliers will not be permitted to bring fireworks to site at any time of year. This has historically been a contractual requirement and will continue to be so.

  Noise: noise levels at the foreshore from amplified music during the over wintering waterfowl season (30th November to 30th March) will not exceed 69dBA.

- ***The Plantation***
  Camping: tents will only be pitched within the designated camping area (area C on

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the attached plan). The one exception to this is that one tent may be situated on the amenity grassland adjacent to Woods Cottage for the married couple if they so wish.

Camp fires: campfires are not, and will not be permissible. This has historically been a contractual requirement of the wedding party and will continue to be so.

- ***Woods Cottage & Venue area: lighting***

Outside lighting: outside lighting will be angled to the ground and should avoid spillage of greater than 1 lux onto the trees and woodland, wherever possible. Any additional future lighting must be warm spectrum non-UV LED lighting, and angled to the ground.

Direction: lighting will be directed to illuminate only the immediate area required and with as sharp a downward angle as possible. The lit area should where possible avoid being directed at, or towards, retained vegetation or where bats are known to roost in Woods Cottage. A shield or hood can be used to control or restrict the area to be lit. Any new wide-angle lighting will be avoided.

Security lighting: lighting of greater than 2000 lumens will not be employed.

Figure 1 Aerial photo showing features relevant to the control of wedding guests during wedding parties



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Conclusion

3.1 This VMS sets out a series of controls that will be required of all future weddings, and which will be secured by condition. Assessments within both the Shadow Appropriate Assessment and the Ecological Impact Assessment have shown that adherence to these controls will either avoid adverse impact on sensitive habitats and species, or mitigate the level of impact to an acceptable level.

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