

Hornsea Project Four: Preliminary Environmental Information Report (PEIR)

Volume 6, Annex 3.2: Onshore Ornithology – Wintering and Migratory Birds Survey Report

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Glossary

| Term | Definition |
|--|--|
| Development Consent | An order made under the Planning Act 2008 granting development consent |
| Order (DCO) | for one or more Nationally Significant Infrastructure Projects (NSIP). |
| Effect | Term used to express the consequence of an impact. The significance of an effect is determined by correlating the magnitude of the impact with the importance, or sensitivity, of the receptor or resource in accordance with defined significance criteria. |
| Environmental Impact Assessment (EIA) | A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the EIA Directive and EIA Regulations, including the publication of an Environmental Statement (ES). |
| EIA Regulations | The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 |
| Export cable corridor (ECC) | The specific corridor of seabed (seaward of Mean High Water Springs (MHWS)) and land (landward of MHWS) from the Hornsea Project Four array area to the Creyke Beck National Grid substation, within which the export cables will be located. |
| Habitats Regulations | A process which helps determine likely significant effects and (where |
| Assessment (HRA) | appropriate) assesses adverse impacts on the integrity of European |
| | conservation sites and Ramsar sites. The process consists of up to four |
| | stages of assessment: screening, appropriate assessment, assessment of alternative solutions and assessment of imperative reasons of over-riding public interest (IROPI). |
| High Voltage Alternating Current (HVAC) | High voltage alternating current is the bulk transmission of electricity by alternating current (AC), whereby the flow of electric charge periodically reverses direction. |
| High Voltage Direct Current (HVDC) | High voltage direct current is the bulk transmission of electricity by direct current (DC), whereby the flow of electric charge is in one direction. |
| Ørsted Hornsea Project Four | The proposed Ørsted Hornsea Project Four (UK) Ltd. offshore wind farm |
| Ltd. | project; the term covers all elements within the Development Consent Order (i.e. both the offshore and onshore components). Hereafter referred to as Hornsea Four. |
| Maximum design scenario | The maximum design parameters of each Hornsea Four asset (both on and offshore) considered to be a worst case for any given assessment. |
| Planning Inspectorate (PINS) | The agency responsible for operating the planning process for Nationally Significant Infrastructure Projects (NSIPs). |
| Onshore | |
| Energy balancing | The onshore substation includes energy balancing Infrastructure. These |
| infrastructure / EBI | provide valuable services to the electrical grid, such as storing energy to meet periods of peak demand and improving overall reliability. |
| Haul Road | The track along the onshore ECC which the construction traffic would use to access work fronts. |

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| Term | Definition | | | | |
|---------------------------|---|--|--|--|--|
| Landfall | The generic term applied to the entire landfall area between Mean Low | | | | |
| | Water Spring (MLWS) tide and the Transition Joint Bay (TJB) inclusive of all | | | | |
| | construction works, including the offshore and onshore ECC, intertidal | | | | |
| | working area and landfall compound. | | | | |
| National Grid Electricity | The grid connection location for Hornsea Four. | | | | |
| Transmission (NGET) | | | | | |
| substation | | | | | |
| Onshore export cables | Cables connecting the landfall first to the onshore substation and then on to | | | | |
| | the NGET substation at Creyke Beck. | | | | |
| Onshore substation / OnSS | Located as close as practical to the NGET substation at Creyke Beck and | | | | |
| | will include all necessary electrical plant to meet the requirements of the | | | | |
| | National Grid. | | | | |
| Trenchless Techniques | Also referred to as trenchless crossing techniques or trenchless methods. | | | | |
| | These techniques include HDD, thrust boring, auger boring, and pipe | | | | |
| | ramming, which allow ducts to be installed under an obstruction without | | | | |
| | breaking open the ground and digging a trench. | | | | |

Acronyms

| Acronym | Definition |
|---------|--|
| BBS | Breeding Bird Survey |
| ВОСС | Birds of Conservation Concern |
| ECC | Export Cable Corridor |
| ERY | East Riding of Yorkshire |
| IECS | The Institute of Estuarine & Coastal Studies |
| OnSS | Onshore Substation |
| OWF | Offshore Wind Farm |
| PEIR | Preliminary Environmental Information Report |
| VP | Vantage Point |
| WCA | Wildlife & Countryside Act, 1981 |

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1 Introduction

1.1 Background

- 1.1.1.1 Orsted Hornsea Project Four Limited (hereafter Hornsea Four) is proposing to develop Hornsea Project Four Wind Farm (hereafter Hornsea Four). Hornsea Four will be located approximately 65 km offshore the East Riding of Yorkshire in the Southern North Sea and will be the fourth project to be developed in the former Hornsea Zone. Hornsea Four will include both offshore and onshore infrastructure including an offshore generating station (wind farm), Export Cable Corridor (ECC) to landfall and on to an Onshore SubStation (OnSS) with Electrical Balancing Infrastructure (EBI), and connection to the electricity transmission network.
- 1.1.1.2 The over-wintering bird surveys have been undertaken by The Institute of Estuarine & Coastal Studies (IECS) along the proposed refined landfall area, onshore ECC, together with an area of land identified for the OnSS and EBI.
- 1.1.1.3 The 2018/2019 over-wintering bird survey programme was designed to collect baseline data on the bird assemblage along the refined landfall, onshore ECC and within the OnSS site, and to subsequently assess the status and importance of the bird assemblage and individual species for inclusion in the Hornsea Four Preliminary Environmental Information Report (PEIR).
- 1.1.1.4 The 2018/2019 survey was undertaken in accordance with industry accepted standard survey techniques as described in Section 2. The survey programme was undertaken from November 2018 to March 2019 inclusive, with six separate survey cycles undertaken within this period.

1.1.1.5 Further details of the survey methodologies are provided in Section 2.

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2 Survey Methodology

2.1 Survey Area

- 2.1.1.1 The 2018/2019 survey programme included a series of counts at a set number of Vantage Points (VPs) along the refined landfall area and onshore ECC. The VP locations are shown on Figure 1 to Figure 6. These sites are considered to reflect the range of habitats present along the refined landfall area and onshore ECC. These sites were presented to ERYC, Natural England and the RSPB at a technical panel meeting via the evidence plan process in January 2019.
- 2.1.1.2 In addition to the VPs, more detailed walk-over surveys were undertaken within the OnSS site (Figure 7). The route followed, and walked for each visit where access was granted, is shown on Figure 7.
- 2.1.1.3 It should be noted that not all of the OnSS site was covered by the walk-over survey programme, and the walk-over surveys were designed to include the habitats that are characteristic of the area and its associated function delivery for over-wintering birds.
- 2.1.1.4 A total of six separate survey cycles were undertaken across the 2018/2019 over-wintering bird survey period (November 2018 to March 2019 inclusive). A summary of the completed surveys is provided in Table 1.

2.2 VP Counts

2.2.1 Survey Preparation

- 2.2.1.1 All VP surveys were undertaken by a team of two experienced IECS ornithologists, using a car to access the vicinity of each VP location. Each VP location was then accessed by the surveyors on foot.
- 2.2.1.2 Each survey team was equipped with two sets of binoculars, a clipboard with pens/pencils, proforma recording sheets and maps of the refined landfall area, onshore ECC. In addition, and to ensure necessary Health and Safety provision, fully charged mobile phones, high visibility vests, a whistle and first aid kit were also carried by the surveyors.
- 2.2.1.3 Prior to each survey visit, a copy of the landowner access permission spreadsheet that had been co-ordinated and provided by Dalcour Maclaren (Hornsea Four's land agents), was passed to the IECS lead field surveyor. Only VP locations where landowner access had been agreed and notified were accessed.
- 2.2.1.4 Surveys were undertaken for approximately 5 hours from a period after dawn (e.g. approximately 8am until 1pm). Surveys were not undertaken during thick fog, where coverage is compromised nor in heavy rain or very strong winds when bird activity is likely to be suppressed.

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2.2.2 Field Survey Methods for VP Counts

- 2.2.2.1 Once at the VP location (i.e. the VP standing point), a 5-minute settlement period was initiated. This was then followed by a 15-minute survey period. For each VP count, the survey team was issued with a site specific A4 map that had been marked with a 250 m survey radius from the centre of the VP (see Appendix 1 Individual Vantage Point records). The survey radius is always provided on the map to ensure the observer focusses on bird registrations, many of which are auditory, within the confinement of the survey area, which in turn were chosen because of their immediate proximity to the refined landfall area and proposed onshore ECC. This limits the inclusion of sightings of birds at a greater distance from the proposed refined landfall area and onshore ECC.
- 2.2.2.2 All species seen on the ground, flying through, or heard (not seen) within the 250 m VP radius were recorded on the maps (e.g. species, number activity) using the standard recording procedures derived from Bibby et al, 2000.
- 2.2.2.3 In addition, weather conditions and any agricultural (or other notable) activity was recorded at the start and end of each VP count, as well as any observed disturbance events during the VP count. For example, any event that might affect the normal utilisation of the area, and might skew the utilisation data was recorded.

2.3 OnSS site walk-over Surveys

2.3.1 Survey Preparation

- 2.3.1.1 The OnSS site (Figure 7) was subject to six walkover survey transects between November 2018 and March 2019, inclusive.
- 2.3.1.2 A more detailed assessment of bird utilisation within this area was undertaken, given the proposed development is likely to include the permanent loss or alteration of habitat and associated function at this location.
- 2.3.1.3 Survey preparation followed a similar procedure to that followed for the VP Counts, whilst ensuring access to the OnSS site was safe, and that land access had been agreed in advance with the relevant landowner(s).

2.3.2 Field Survey Methods for the OnSS

- 2.3.2.1 To provide sufficient coverage, two transects were surveyed (walked) across around and within the OnSS site (Figure 7), ensuring that the surveyors walked all field boundaries and hedgerows, avoiding directly walking over fields where crops were present. Within the OnSS site, views of the fields were obtained from the field margins. As a result of the open view of the fields, the species were able to be recorded.
- 2.3.2.2 The exact survey transect routes were determined in the field on the first survey visit in order to accommodate safe access, then subsequently repeated for each subsequent survey visit.

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The survey transect route was walked in reverse on alternate surveys so as to avoid any potential bias from covering habitat at the same time of the day.

2.4 Vantage Point locations

- 2.4.1.1 A total of 35 VPs were identified along the refined landfall area and proposed onshore ECC. These are shown on Figure 1 to Figure 6, with the VP numbers being sequential along the onshore ECC from south to north, ending at the landfall area. A full record of each VP, the dates it was surveyed, and the sightings can be found in Appendix 1 Individual Vantage Point records
- 2.4.1.2 For the OnSS site and 400kV onshore ECC area transects were walked where land access was granted. These can be seen in **Figure 7**.

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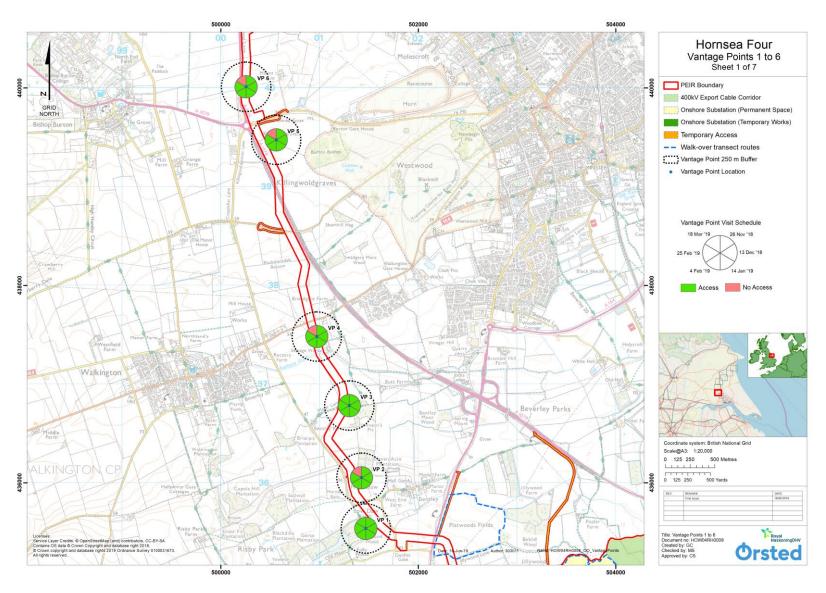


Figure 1: Vantage Points 1 to 6 (not to scale).



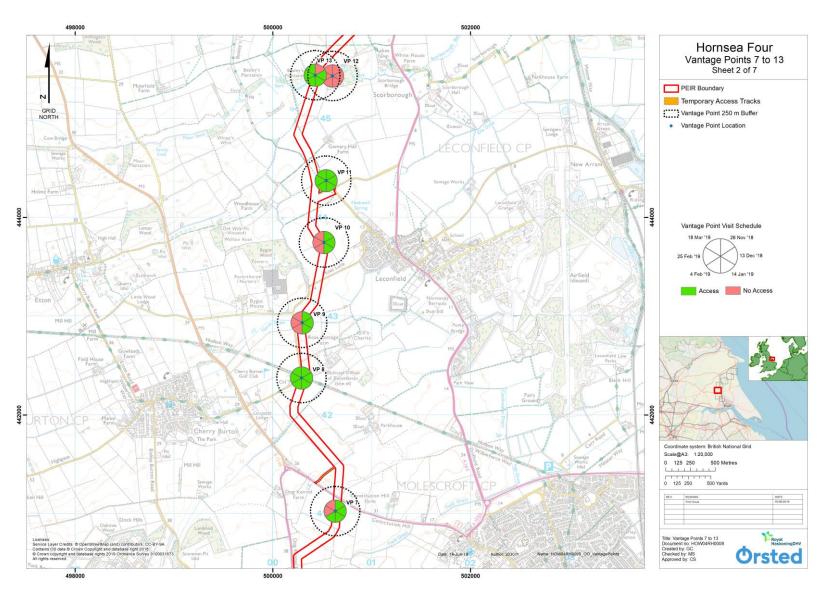


Figure 2: Vantage Points 7 to 13 (not to scale).



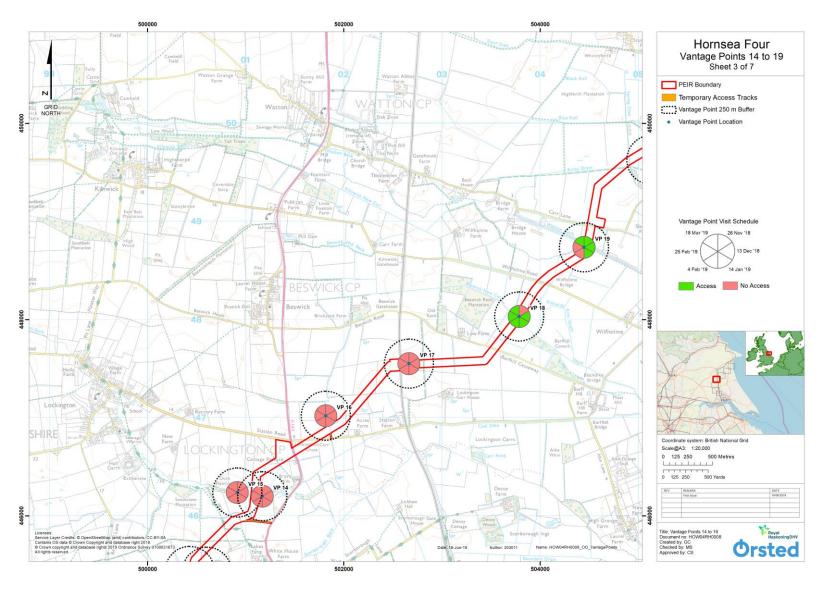


Figure 3: Vantage Points 14 to 19 (not to scale).



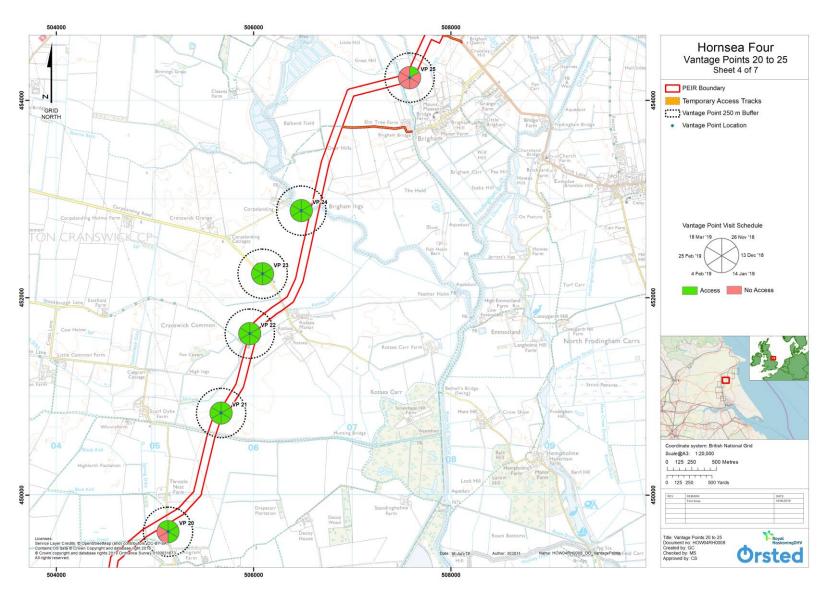


Figure 4: Vantage Points 20 to 25 (not to scale).



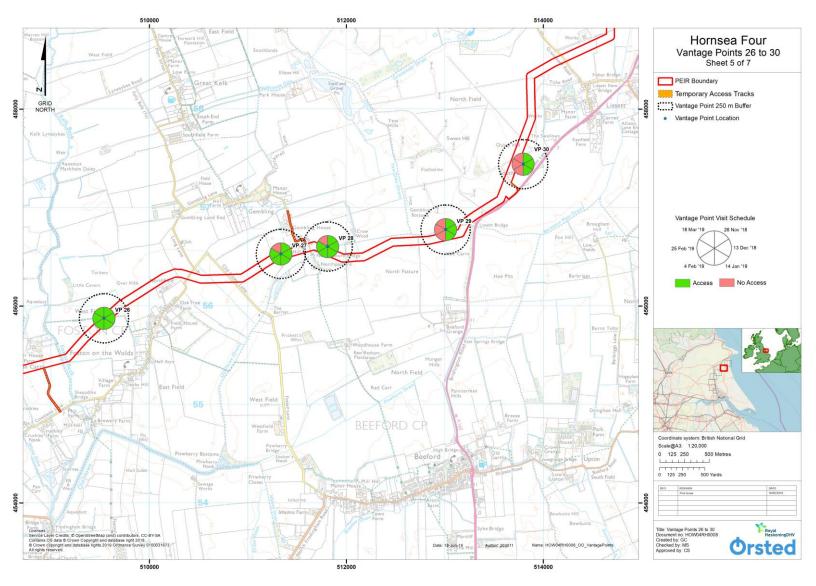


Figure 5: Vantage Points 26 to 30 (not to scale).



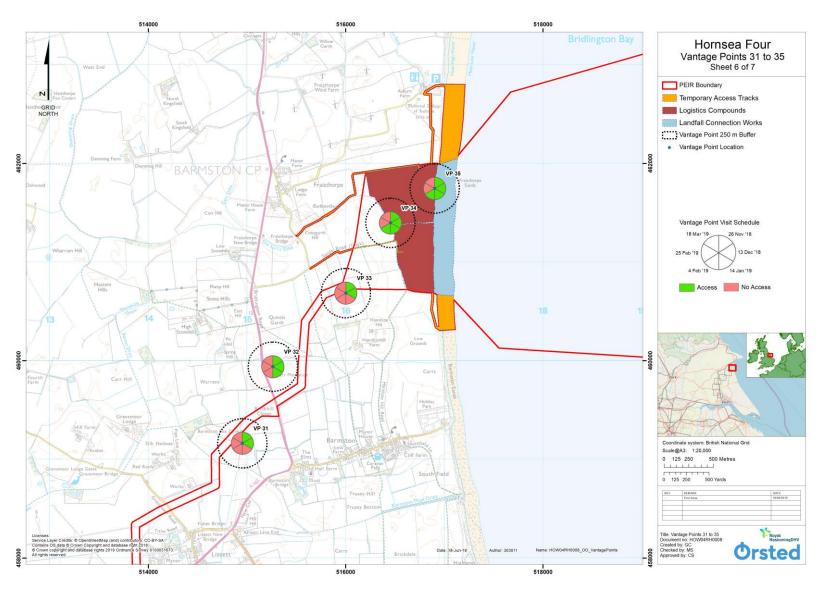


Figure 6: Vantage Points 30 to 35 (not to scale).



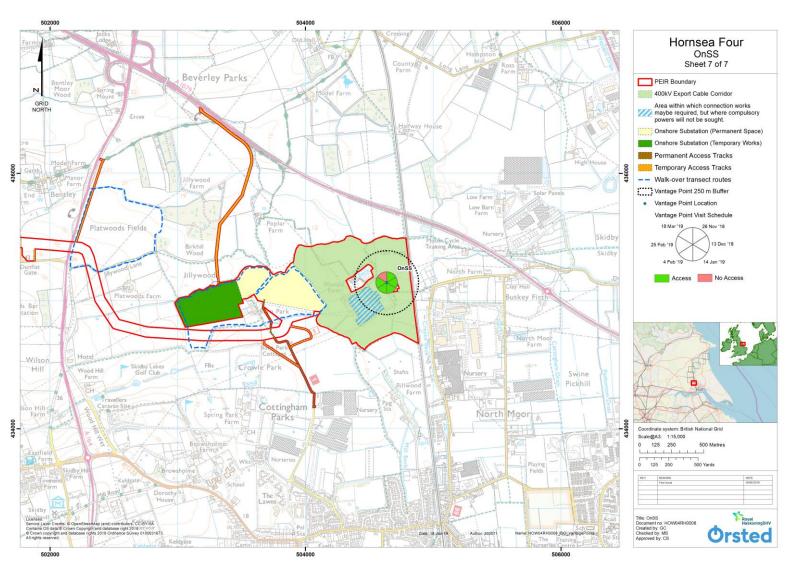


Figure 7: The OnSS and 400 kV ECC with walkover transect routes (not to scale).



3 Survey Results

3.1 Data Limitations

- 3.1.1.1 A total of 35 VPs were identified to be surveyed along the refined landfall area and proposed onshore ECC.
- 3.1.1.2 However, due to landowner access restrictions, not all VPs were accessible during the 2018/2019 over-wintering bird survey effort. No transects were able to be undertaken within the 400 kV onshore ECC area, and similarly, not all VPs were accessible on all planned visits within the scheduled six separate survey visits (see Figure 1 to Figure 7).
- 3.1.1.3 Namely, VP 12, 14, 15, 16, and 17 (see Figure 2 and Figure 3) were not surveyed on any of the 2018/2019 survey visits due to landowner access being denied throughout the survey effort.
- 3.1.1.4 Where access was not permitted for individual VP locations, the VP was not surveyed. Alternate PRoW survey points were investigated, although for most VP locations, no access was possible. Where new VP locations were possible, these were marked as 'New', as shown on Figure 1 to Figure 7.
- 3.1.1.5 A number of minor modifications to the initial proposed VP locations were made following the first visit, primarily to relocate the VP to a field boundary, versus being stood in a field and unnecessarily standing and walking over crops. Or, for example, to move the VP to the alternate side of a ditch system which was more easily accessible.
- 3.1.1.6 The remaining 30 VPs were surveyed on multiple occasions, as shown in Table 1.
- 3.1.1.7 All survey visits that could be achieved with landowner access permission in place were completed, with Figure 7 showing the areas where transects were able to take place.

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Table 1: VP Visit schedule and completion rate.

| Vantage Point (VP) | Survey 1 w/c 26th Nov | Survey 2 w/c 13th Dec | Survey 3 w/c 14th Jan | Survey 4 w/c. 4th Feb | Survey 5 w/c 25th Feb | Survey6 w/c 18th Mar | Total Number Visits Completed |
|--------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|--|
| 1 | | | | | | | 6 |
| 2 | | | | | | | 5 |
| 3 | | | | | | | 6 |
| 4 | | | | | | | 5 |
| 5 | | | | | | | 5 |
| 6 | | | | | | | 5 |
| 7 | | | | | | | 4 |
| 8 | | | | | | | 6 |
| 9 | | | | | | | 3 |
| 10 | | | | | | | 3 |
| 11 | | | | | | | 6 |
| 12 | | | | | | | 0 |
| 13 | | | | | | | 5 |
| 14 | | | | | | | 0 |
| 15 | | | | | | | 0 |
| 16 | | | | | | | 0 |
| 17 | | | | | | | 0 |
| 18 | | | | | | | 5 |
| 19 | | | | | | | 4 |
| 20 | | | | | | | 4 |
| 21 | | | | | | | 6 |
| 22 | | | | | | | 6 |
| 23 | | | | | | | 6 |
| 24 | | | | | | | 6 |
| 25 | | | | | | | 1 |
| 26 | | | | | | | 6 |
| 27 | | | | | | | 5 |
| 28 | | | | | | | 5 |
| 29 | | | | | | | 3 |
| 30 | | | | | | | 3 |
| 31 | | | | | | | 2 |
| 32 | | | | | | | 3 |
| 33 | | | | | | | 2 |
| 34 | | | | | | | 4 |
| 35 | | | | | | | 4 |
| OnSS | | | | | | | 5 |
| VPs completed | 28 | 29 | 27 | 20 | 17 | 13 | 134 |
| % VPs visited | 80% | 83% | 77% | 57% | 49% | 37% | 64% |



3.2 VP Survey Results – Key Species Assessment

- 3.2.1.1 The refined landfall search area and onshore ECC is contained entirely within the jurisdiction of East Riding of Yorkshire District Council (ERYC), and runs through Holderness and part of the River Hull valley. This area is predominantly arable in nature, although some areas of woodland, scrub, grassland and open water are present too.
- 3.2.1.2 These habitat types are reflected in the location of the VPs, and a full mix of characteristic habitats have been covered.
- 3.2.1.3 Many birds associated with farmland habitats have been in decline, for example, through habitat loss and reduction in prey. This is reflected in the Birds of Conservation Concern (BOCC) 4 analysis (Eaton et al, 2015) which records a number of farmland birds in decline at a UK level.
- 3.2.1.4 As such, the number of Red List species noted as being present within the VPs (and along the onshore ECC) is not unexpected given the habitats that are present (Table 2)
- 3.2.1.5 The species records from the VP surveys with BOCC4 status are shown in Table 2 and Table 3, and indicate an assemblage that is generally characteristic of the area.
- 3.2.1.6 The assemblage includes a number of farmland passerines, many of which are included on the red or amber BOCC4 lists (see Table 2), as well as a number of ducks, geese and waders.
- 3.2.1.7 A few records are noted as being of regional value, although it is emphasised that from the data collected during the VP surveys, the wintering bird assemblage for Hornsea Four is characteristic of the largely arable landscape of the River Hull valley/Holderness area. Consisting mainly of hedgerow and woodland. Consequently, when viewed in this context, the species recorded is not of any significant conservation value.
- 3.2.1.8 The presence of a flock of 66 Corn Bunting (*Emberiza calandra*) is of some note, given the UK decline in the species, although Holderness is one of the strongholds of the species in England (Balmer et al, 2013).
- 3.2.1.9 The presence of 275 Fieldfare (*Turdus pilaris*) with 822 total registrations, and 90 Redwing (*Turdus iliacus*) with 21 total registrations, whilst being relatively numerous within the context of the survey, is to be expected during the winter, with the arrival of large wintering flocks of these species and other thrushes from Scandinavia.
- 3.2.1.10 Another red list species, Lapwing (*Vanellus vanellus*) was also present, with a flock of 42 birds recorded. Lapwing and Golden Plover (*Pluvialis apricaria*) will utilise arable fields during the autumn and winter and can occur in large flocks.

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- 3.2.1.11 Whilst the Lapwing is a red list species, the presence of small flocks around the Holderness is to be expected, and on occasion considerably larger occurrences can occur on inland arable fields and pasture (Allen et al, 2003).
- 3.2.1.12 Given the distance from the Humber Estuary e.g. over 10km at its closest, it is not considered that this occurrence has a significant diurnal link with the Humber Estuary Special Protection Area (SPA) population. It rather represents a dispersed mobile inland over-wintering utilisation, with areas being utilised depending on factors such as crop type, water-logging, agricultural activity and weather conditions (O'Connor and Shrubb, 1991).
- 3.2.1.13 Based on the species recorded from the VP programme, and the levels of utilisation, it is considered that the findings show an over-wintering bird assemblage characteristic of the largely arable landscape of the ERY. The species recorded reflect the mix of habitats present, but more specifically, the predominance of arable agriculture.

Table 2: Total species recorded across all VPs during the 2018/2019 over-wintering bird survey (grouped and illustrated in order by BoCC4 status: Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|--------------|----------|----------|-------|------------|-----------------------|---------------------------|
| Red Status | 895 | 1016 | 169 | 521 | | 2601 | 300 |
| Corn bunting | 8 | 14 | | 66 | | 88 | 66 |
| Fieldfare | 335 | 322 | 115 | 50 | | 822 | 275 |
| Grey partridge | | | | 23 | | 23 | 8 |
| Herring gull | 2 | | | 2 | | 4 | 2 |
| House sparrow | | 26 | | | | 26 | 14 |
| Lapwing | | | | 56 | | 56 | 42 |
| Linnet | 181 | 99 | 1 | 11 | | 292 | 52 |
| Marsh Tit | | | 8 | 1 | | 9 | 2 |
| Merlin | 1 | | | | | 1 | 1 |
| Mistle thrush | | | 1 | 2 | | 3 | 1 |
| Redwing | 50 | 118 | 33 | | | 201 | 90 |
| Ringed plover | | | | 8 | | 8 | 8 |
| Skylark | 31 | | 1 | 114 | | 146 | 13 |
| Song thrush | | 9 | 5 | 2 | | 16 | 4 |
| Starling | 222 | 316 | 2 | 125 | | 665 | 300 |
| Tree sparrow | 2 | 22 | 3 | 1 | | 28 | 10 |
| Yellowhammer | 63 | 90 | | 60 | | 213 | 28 |
| Amber Status | 287 | 75 | 31 | 212 | 121 | 726 | 60 |
| Black-headed gull | 16 | | | 6 | | 22 | 6 |
| Bullfinch | | 7 | 14 | | | 21 | 3 |
| Common gull | 154 | | 1 | 109 | | 264 | 60 |

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| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|--------------|----------|----------|-------|------------|-----------------------|---------------------------|
| Dunlin | | | 2 | 1 | | 3 | 1 |
| Dunnock | | 26 | 13 | | | 39 | 5 |
| Gadwall | | | | | 2 | 2 | 2 |
| Green sandpiper | | | | | 1 | 1 | 1 |
| Greylag goose | 4 | | | 2 | | 6 | 4 |
| Kestrel | 8 | | | 1 | | 9 | 1 |
| Kingfisher | 2 | | | | | 2 | 1 |
| Mallard | 28 | | | 2 | 85 | 115 | 18 |
| Meadow pipit | 16 | | | 43 | | 59 | 21 |
| Mute swan | 2 | | | | 1 | 3 | 1 |
| Reed bunting | 1 | 39 | | 21 | | 61 | 11 |
| Snipe | 5 | | | 8 | | 13 | 6 |
| Stock dove | 42 | 1 | 1 | 9 | | 53 | 23 |
| Teal | 9 | | | 10 | 32 | 51 | 10 |
| Wigeon | | 2 | | | | 2 | 2 |
| Green Status | 2369 | 462 | 969 | 2079 | 12 | 5891 | 1100 |
| Blackbird | 3 | 75 | 73 | | | 151 | 12 |
| Blue tit | | 20 | 77 | | | 97 | 5 |
| Brambling | | | 2 | | | 2 | 2 |
| Canada goose | 2 | | | | | 2 | 2 |
| Carrion crow | 113 | 2 | 15 | 55 | 2 | 187 | 28 |
| Chiffchaff | | | 2 | | | 2 | 1 |
| Collared dove | 1 | | | | | 1 | 1 |
| Common buzzard | 24 | 4 | 13 | 1 | | 42 | 7 |
| Cormorant | 9 | | 10 | | | 19 | 5 |
| Feral pigeon | | | | 20 | | 20 | 20 |
| Goldcrest | | | 6 | | | 6 | 3 |
| Golden plover | 20 | | | 207 | | 227 | 118 |
| Goldfinch | 78 | 34 | 27 | | | 139 | 16 |
| Great tit | | 14 | 21 | 1 | | 36 | 4 |
| Great-spotted woodpecker | | 1 | 15 | | | 16 | 3 |
| Green woodpecker | | | 1 | 1 | | 2 | 1 |
| Greenfinch | 39 | 2 | | | | 41 | 30 |
| Grey heron | 1 | | | | | 1 | 1 |
| Jay | | 1 | 4 | | | 5 | 2 |
| Little Egret | | | | | 2 | 2 | 2 |
| Long-tailed tit | | | 50 | | | 50 | 15 |
| Magpie | 1 | 9 | 16 | 3 | | 29 | 3 |

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| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|--------------|----------|----------|-------|------------|-----------------------|---------------------------|
| Moorhen | | | 1 | | 7 | 8 | 3 |
| Pheasant | 1 | 6 | 16 | 93 | | 116 | 40 |
| Pied wagtail | 11 | | | | | 11 | 1 |
| Red kite | 3 | | | | | 3 | 1 |
| Red-legged partridge | | 2 | | 17 | | 19 | 5 |
| Robin | | 38 | 34 | 1 | | 73 | 3 |
| Rook | 259 | 95 | 77 | 354 | | 785 | 139 |
| Siskin | 2 | | 7 | | | 9 | 7 |
| Sparrowhawk | 1 | 1 | 4 | | | 6 | 1 |
| Tree creeper | | | 8 | | | 8 | 2 |
| Water rail | | | | | 1 | 1 | 1 |
| Wren | 1 | 22 | 36 | 3 | | 62 | 3 |
| Jackdaw | 139 | 53 | 112 | 56 | | 360 | 80 |
| Chaffinch | 21 | 55 | 95 | 2 | | 173 | 13 |
| Wood pigeon | 1640 | 28 | 247 | 1265 | | 3180 | 1100 |
| Grand Total | 3551 | 1553 | 1169 | 2812 | 133 | 9218 | 1100 |

3.3 OnSS Site Survey Results – Key Species Assessment

- 3.3.1.1 The habitat features within the OnSS site are broadly a similar mix of habitats to those within the refined landfall search area and onshore ECC, i.e. predominantly arable farming, but with some areas of woodland, scrub, grassland and wetland.
- 3.3.1.2 Assemblage data from the 2018/2019 over-wintering bird surveys indicate a similar mix of farmland passerines, as well as migratory thrushes, and some species more associated with aquatic margins.
- 3.3.1.3 The assemblage again includes a number of red and amber list BOCC4 species, including migratory thrushes e.g. Fieldfare and Redwing and some farmland species e.g. Linnet (Carduelis cannabina) and Yellowhammer (Emberiza citronella).
- 3.3.1.4 As such, the wintering bird assemblage composition is consistent with the range of habitats present within the OnSS site, and indeed the wider River Hull valley.

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Table 3: Total species recorded within the OnSS site search area (grouped and illustrated in order by BoCC4 status: Red, Amber and Green status).

| Species and BoCC4 status | Field | Hedgerow | In flight | Woodland | Total No. Recorded | Single visit maxima |
|--------------------------|-------|----------|-----------|----------|-----------------------|---------------------------|
| Red Status | 26 | 120 | 65 | 31 | 242 | 26 |
| Fieldfare | | | 16 | 2 | 18 | 10 |
| Grey partridge | 1 | | 1 | | 2 | 1 |
| Herring gull | | | 8 | | 8 | 4 |
| House sparrow | | 45 | | | 45 | 18 |
| Linnet | | 15 | 28 | | 43 | 26 |
| Mistle thrush | 6 | | | 1 | 7 | 3 |
| Redwing | | 35 | 6 | 1 | 42 | 13 |
| Skylark | 15 | | 1 | | 16 | 4 |
| Song thrush | | | | 7 | 7 | 2 |
| Starling | 4 | | 4 | | 8 | 4 |
| Yellowhammer | | 25 | | | 25 | 15 |
| Lesser Redpoll | | | 1 | 20 | 21 | 12 |
| Amber Status | 329 | 26 | 36 | 54 | 445 | 88 |
| Black-headed gull | 94 | | 5 | | 99 | 78 |
| Bullfinch | | 2 | | 50 | 52 | 13 |
| Common gull | 144 | | 9 | | 153 | 47 |
| Dunnock | | 21 | | 4 | 25 | 7 |
| Greylag goose | 88 | | | | 88 | 88 |
| Kestrel | 1 | | 2 | | 3 | 1 |
| Mallard | | | 3 | | 3 | 3 |
| Reed bunting | 2 | 3 | | | 5 | 2 |
| Stock dove | | | 2 | | 2 | 2 |
| Lesser Black-backed gull | | | 14 | | 14 | 12 |
| Great Black-backed gull | | | 1 | | 1 | 1 |
| Green Status | 189 | 440 | 412 | 357 | 1398 | 324 |
| Blackbird | | 174 | | 4 | 178 | 39 |
| Blue tit | | 32 | | 59 | 91 | 15 |
| Brambling | | | | 1 | 1 | 1 |
| Carrion crow | 50 | | 5 | 3 | 58 | 21 |
| Chaffinch | | 92 | | 72 | 164 | 28 |
| Coal Tit | | | | 3 | 3 | 2 |
| Common buzzard | 1 | 2 | 13 | 2 | 18 | 3 |
| Golfcrest | | | | 17 | 17 | 4 |
| Goldfinch | | 14 | 3 | 27 | 44 | 18 |



| Species and BoCC4 status | Field | Hedgerow | In flight | Woodland | Total No. Recorded | Single visit maxima |
|--------------------------|-------|----------|-----------|----------|-----------------------|---------------------------|
| Great tit | | 12 | | 32 | 44 | 8 |
| Great-spotted woodpecker | | | | 2 | 2 | 1 |
| Green woodpecker | | | | 1 | 1 | 1 |
| Greenfinch | | 10 | | 5 | 15 | 8 |
| Jackdaw | 2 | | | | 2 | 2 |
| Long-tailed tit | | 31 | | 8 | 39 | 12 |
| Magpie | | 3 | | 2 | 5 | 3 |
| Moorhen | | 1 | | | 1 | 1 |
| Peregrine | 4 | | 2 | | 6 | 2 |
| Pheasant | 14 | | | | 14 | 7 |
| Pied wagtail | | | 3 | | 3 | 1 |
| Red-legged partridge | 6 | | | | 6 | 2 |
| Robin | | 36 | | 18 | 54 | 8 |
| Rook | 42 | | 4 | | 46 | 42 |
| Siskin | | | | 15 | 15 | 15 |
| Sparrowhawk | | | | 2 | 2 | 1 |
| Tree creeper | | | | 4 | 4 | 1 |
| Wood pigeon | 70 | 6 | 382 | 67 | 525 | 324 |
| Wren | | 27 | | 11 | 38 | 7 |
| Little Owl | | | | 2 | 2 | 2 |
| Grand Total | 544 | 586 | 513 | 442 | 2085 | 324 |

3.4 Schedule 1 Bird Species

- 3.4.1.1 In addition to the BOCC4 Red and Amber List species, that have a conservation priority but are broadly expected from an arable landscape, a small number of species that were recorded during the 2018/2019 over-wintering bird survey effort are specifically protected under Schedule 1 of the Wildlife and Countryside Act (WCA) (1981).
- 3.4.1.2 Schedule 1 of the WCA (1981) protects breeding birds, making it an offence to intentionally or recklessly disturb them at, on or near to an active nest. Whilst this specific requirement is not relevant during the winter, the potential presence of some species may indicate breeding potential.
- 3.4.1.3 Table 4 lists the species recorded along the refined landfall search area, the onshore ECC and within the OnSS site that are included on Schedule 1 of the WCA (1981). Of these species, some will certainly not breed within the Hornsea Four area, and a few would be extremely unlikely to breed, as either their breeding range is well outside the project area and/or, suitable breeding habitat is not present. However, there are also several species recorded from the wintering surveys that are likely to breed in the same area. This will be

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identified in Annex 3.3: Breeding Bird Survey Report, which will be provided as a part of the Environmental Statement (ES).

Table 4: Species recorded from the 2018/2019 over-wintering programme included on Schedule 1 of the WCA (1981).

| Species | Breeding Presence |
|----------------------------|---|
| Red Kite (Milvus milvus) | Potential breeder (possible but not known to breed locally to the onshore |
| | ECC/OnSS site) |
| Green Sandpiper | Over-wintering / passage only |
| (Tringa ochropus) | |
| Barn Owl | Potential breeder (likely but over 500m from the onshore ECC and not within the |
| (Tyto alba) | OnSS site) |
| Kingfisher | Potential breeder (likely but not necessarily within the onshore ECC/OnSS site) |
| (Alcedo atthis) | |
| Merlin | Potential breeder (possible but unlikely) |
| (Falco columbarius) | |
| Peregrine Falcon | Potential breeder (very likely with active pair in the OnSS site) |
| (Falco peregrinus) | |
| Firecrest | Potential breeder (extremely unlikely) |
| (Regulus ignicapilla) | |
| Fieldfare | Over-wintering only |
| (Turdus pilaris) | |
| Redwing | Over-wintering only |
| (Turdus iliacus) | |
| Brambling | Over-wintering only |
| (Fringilla montifringilla) | |

- 3.4.1.4 Of the species listed in Table 4, there is a likelihood that Peregrine will nest within the proposed OnSS site, having been observed as an active pair during the 2018/2019 overwintering surveys within the area. Other species may also potentially breed within the area, or adjacent to it. For example, Kingfisher and Barn Owl, as these species have been recorded along the refined landfall area and onshore ECC, although with suitable nesting habitat located out-with the main onshore ECC.
- 3.4.1.5 A breeding bird survey effort will be undertaken along the landfall search area, onshore ECC and within the OnSS site between April and June 2019, inclusive. The results of which will be presented in Annex 3.3: Breeding Bird Survey Report, as a part of the ES. It will also provide an indication of breeding bird utilisation.

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4 Summary

- 4.1.1.1 The findings from the 2018/2019 over-wintering survey effort of the refined landfall search area, onshore ECC and OnSS site indicate a bird assemblage that is consistent with similar habitat mosaics in the Holderness and the River Hull Valley.
- 4.1.1.2 There are clear associations with habitat types, and to a lesser extent, with proximity to the coast. The presence of a suite of red and amber list BOCC4 species is to be expected.
- 4.1.1.3 Whilst aggregations were occasionally of note, for example 55 Corn Bunting in the northern part of the onshore ECC, for the most part, abundance levels were as expected (Balmer et al, 2013). As such, the presence of flocks of winter passerines and waders recorded from some locations but not on all occasions, reflect how the status of many species of birds during the winter varies spatially and temporally in response to food availability and weather (O'Connor and Shrubb, 1991).
- 4.1.1.4 Several species included on Schedule 1 of the WCA, 1981 were recorded, and there is a likelihood that breeding activity along the refined landfall area, onshore ECC and/or within the OnSS site will occur. The breeding bird status and implications for Hornsea Four will be discussed separately and presented in the Annex 3.3: Breeding Bird Survey Report, along with the ES, following completion of the breeding bird survey in June 2019.

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5 References

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Appendix 1 Individual Vantage Point records



| Grid reference: TA 01434 35518 | | | | | | | |
|--------------------------------|------------|------------|------------|------------|------------|------------|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | |
| Date: | 26/11/2018 | 13/12/2018 | 14/01/2019 | 06/02/2019 | 26/02/2019 | 18/03/2019 | |

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Table A1: Vantage Point 1 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| | | | | _ | Recorded | maxima |
| BoCC 4 Red status | 35 | 1 | 28 | 6 | 70 | 35 |
| Marsh Tit | | | 1 | _ | 1 | 1 |
| Mistle thrush | | | | 1 | 1 | 1 |
| Redwing | | | 25 | | 25 | 25 |
| Skylark | | | | 5 | 5 | 3 |
| Song thrush | | | 2 | | 2 | 1 |
| Starling | 35 | | | | 35 | 35 |
| Yellowhammer | | 1 | | | 1 | 1 |
| BoCC4 Amber status | 14 | | 4 | | 18 | 4 |
| Black-headed gull | 2 | | | | 2 | 1 |
| Bullfinch | | | 2 | | 2 | 2 |
| Common gull | 12 | | | | 12 | 4 |
| Dunlin | | | 1 | | 1 | 1 |
| Dunnock | | | 1 | | 1 | 1 |
| BoCC4 Green status | 39 | 10 | 81 | 39 | 169 | 18 |
| Blackbird | | | 10 | | 10 | 2 |
| Blue tit | | | 3 | | 3 | 2 |
| Brambling | | | 2 | | 2 | 2 |
| Carrion crow | 5 | | | 4 | 9 | 3 |
| Chiff chaff | | | 1 | | 1 | 1 |
| Common buzzard | 1 | | 1 | | 2 | 1 |
| Goldfinch | 16 | | 13 | | 29 | 8 |
| Great tit | | 3 | 4 | | 7 | 2 |
| Great-spotted woodpecker | | | 4 | | 4 | 1 |
| Green woodpecker | | | 1 | | 1 | 1 |
| Grey heron | 1 | | | | 1 | 1 |
| Pheasant | | 2 | 3 | 2 | 7 | 2 |
| Red kite | 1 | | | | 1 | 1 |
| Robin | | 4 | 5 | | 9 | 2 |
| Rook | 4 | | | | 4 | 4 |
| Sparrowhawk | | | 1 | | 1 | 1 |
| Wren | | | 6 | | 6 | 2 |
| Jackdaw | | | | 15 | 15 | 15 |
| Chaffinch | 5 | 1 | 13 | | 19 | 4 |
| Wood pigeon | 6 | | 14 | 18 | 38 | 18 |
| Total | 88 | 11 | 113 | 45 | 257 | 35 |

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Vantage Point 2

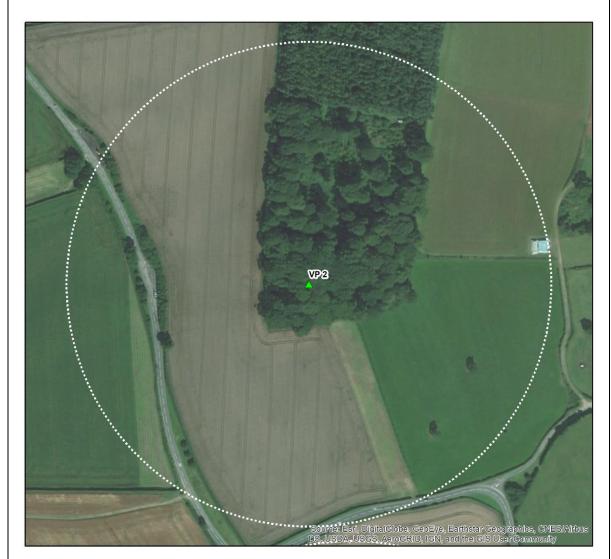


Figure 9: Vantage Point 2 (Google Earth 2019).

| Grid referer | Grid reference: TA 01408 36029 | | | | | | | | |
|--------------|--------------------------------|------------|------------|------------|------------|---------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | 26/11/2018 | 13/12/2018 | 14/01/2019 | 06/02/2019 | 26/02/2019 | none | | | |

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Table A2: Vantage Point 2 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | Total No. | Single visit |
|--------------------------|-----------|----------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Woodland | Field | Recorded | maxima |
| BoCC 4 Red status | 2 | 4 | 1 | 7 | 2 |
| Fieldfare | 2 | | | 2 | 2 |
| Marsh Tit | | 2 | | 2 | 1 |
| Mistle thrush | | 1 | | 1 | 1 |
| Skylark | | 1 | | 1 | 1 |
| Song thrush | | | 1 | 1 | 1 |
| BoCC4 Amber status | 2 | 3 | | 5 | 2 |
| Bullfinch | | 2 | | 2 | 2 |
| Common gull | | 1 | | 1 | 1 |
| Stock dove | 2 | | | 2 | 2 |
| BoCC4 Green status | 2 | 118 | 2 | 122 | 18 |
| Blackbird | | 6 | | 6 | 3 |
| Blue tit | | 11 | | 11 | 4 |
| Carrion crow | | 3 | | 3 | 2 |
| Common buzzard | | 3 | | 3 | 2 |
| Goldfinch | 1 | | | 1 | 1 |
| Great tit | | 3 | | 3 | 2 |
| Great-spotted woodpecker | | 5 | | 5 | 3 |
| Long-tailed tit | | 2 | | 2 | 2 |
| Magpie | | 2 | | 2 | 1 |
| Pheasant | | 6 | | 6 | 3 |
| Pied wagtail | 1 | | | 1 | 1 |
| Robin | | 4 | | 4 | 2 |
| Rook | | 1 | | 1 | 1 |
| Tree creeper | | 1 | | 1 | 1 |
| Wren | | 1 | | 1 | 1 |
| Jackdaw | | 3 | 2 | 5 | 3 |
| Chaffinch | | 8 | | 8 | 4 |
| Wood pigeon | | 59 | | 59 | 18 |
| Grand Total | 6 | 125 | 3 | 134 | 18 |

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Vantage Point 3



Figure 10: Vantage Point 3 (Google Earth 2019).

Grid reference: TA 01314 36774

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|------------|
| Date: | 26/11/2018 | 13/12/2018 | 14/01/2019 | 06/02/2019 | 26/02/2019 | 18/03/2019 |

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Table A3: Vantage Point 3 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Recorded | maxima |
| BoCC 4 Red status | | 20 | 6 | 4 | 30 | 10 |
| Fieldfare | | 2 | | | 2 | 2 |
| Marsh Tit | | | 5 | | 5 | 2 |
| Redwing | | 6 | | | 6 | 3 |
| Skylark | | | | 3 | 3 | 2 |
| Song thrush | | | 1 | | 1 | 1 |
| Yellowhammer | | 12 | | 1 | 13 | 10 |
| BoCC4 Amber status | 2 | | 6 | | 8 | 2 |
| Black-headed gull | 1 | | | | 1 | 1 |
| Bullfinch | | | 6 | | 6 | 2 |
| Common gull | 1 | | | | 1 | 1 |
| BoCC4 Green status | 169 | 26 | 134 | 5 | 334 | 140 |
| Blackbird | | 3 | 9 | | 12 | 2 |
| Blue tit | | | 18 | | 18 | 4 |
| Carrion crow | 3 | | | | 3 | 3 |
| Common buzzard | 3 | | | | 3 | 1 |
| Goldcrest | | | 1 | | 1 | 1 |
| Goldfinch | 2 | | | | 2 | 1 |
| Great tit | | | 5 | | 5 | 4 |
| Great-spotted woodpecker | | | 1 | | 1 | 1 |
| Jay | | | 2 | | 2 | 1 |
| Long-tailed tit | | | 23 | | 23 | 13 |
| Magpie | | | 5 | | 5 | 2 |
| Pheasant | | | 5 | 5 | 10 | 5 |
| Pied wagtail | 1 | | | | 1 | 1 |
| Red kite | 1 | | | | 1 | 1 |
| Robin | | 3 | 5 | | 8 | 2 |
| Sparrowhawk | | | 2 | | 2 | 1 |
| Tree creeper | | | 4 | | 4 | 2 |
| Wren | | | 3 | | 3 | 2 |
| Jackdaw | 4 | 1 | | | 5 | 2 |
| Chaffinch | 1 | 3 | 20 | | 24 | 8 |
| Wood pigeon | 154 | 16 | 31 | | 201 | 140 |
| Grand Total | 171 | 46 | 146 | 9 | 372 | 140 |

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Vantage Point 4



Figure 11: Vantage Point 4 (Google Earth 2019).

Grid reference: TA 00987 37478

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|---------|
| Date: | 27/11/2018 | 13/12/2018 | 14/01/2019 | 06/02/2019 | 26/02/2019 | none |

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Table A4: Vantage Point 4 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Recorded | maxima |
| BoCC 4 Red status | 2 | 27 | | 9 | 38 | 14 |
| Fieldfare | 2 | | | | 2 | 2 |
| House sparrow | | 26 | | | 26 | 14 |
| Skylark | | | | 9 | 9 | 4 |
| Yellowhammer | | 1 | | | 1 | 1 |
| BoCC4 Amber status | | | 1 | | 1 | 1 |
| Bullfinch | | | 1 | | 1 | 1 |
| BoCC4 Green status | 21 | 92 | 1 | 899 | 1013 | 450 |
| Blackbird | | 16 | | | 16 | 5 |
| Blue tit | | 3 | | | 3 | 2 |
| Carrion crow | 3 | | | 2 | 5 | 2 |
| Common buzzard | 5 | | | | 5 | 3 |
| Golden plover | | | | 60 | 60 | 60 |
| Goldfinch | 2 | 2 | | | 4 | 2 |
| Great tit | | 3 | | | 3 | 1 |
| Magpie | | 5 | | 1 | 6 | 3 |
| Pheasant | | | | 7 | 7 | 6 |
| Pied wagtail | 2 | | | | 2 | 1 |
| Red-legged partridge | | | | 2 | 2 | 2 |
| Robin | | 7 | | | 7 | 3 |
| Rook | 1 | | | | 1 | 1 |
| Jackdaw | | 50 | | | 50 | 50 |
| Chaffinch | | 6 | 1 | | 7 | 2 |
| Wood pigeon | 8 | | | 827 | 835 | 450 |
| Grand Total | 23 | 119 | 2 | 908 | 1052 | 450 |

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Vantage Point 5



Figure 12: Vantage Point 5 (Google Earth 2019).

| Grid referer | d reference: TA 00497 39494 | | | | | | | |
|--------------|-----------------------------|------------|------------|------------|------------|---------|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | |
| Date: | 27/11/2018 | 13/12/2018 | 14/01/2019 | 06/02/2019 | 26/02/2019 | none | | |

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Table A5: Vantage Point 5 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Recorded | maxima |
| BoCC 4 Red status | 65 | 1 | | 59 | 125 | 55 |
| Fieldfare | 55 | | | 11 | 66 | 55 |
| Herring gull | 1 | | | | 1 | 1 |
| Lapwing | | | | 42 | 42 | 42 |
| Skylark | | | | 2 | 2 | 1 |
| Starling | 9 | | | 4 | 13 | 9 |
| Yellowhammer | | 1 | | | 1 | 1 |
| BoCC4 Amber status | 63 | | | 77 | 140 | 60 |
| Black-headed gull | | | | 4 | 4 | 4 |
| Common gull | 63 | | | 73 | 136 | 60 |
| BoCC4 Green status | 34 | 18 | 14 | 9 | 75 | 5 |
| Blackbird | | 1 | 2 | | 3 | 1 |
| Blue tit | | 6 | 4 | | 10 | 3 |
| Carrion crow | 3 | | | 6 | 9 | 4 |
| Common buzzard | 1 | | | | 1 | 1 |
| Golden plover | | | | 1 | 1 | 1 |
| Goldfinch | 3 | | 1 | | 4 | 2 |
| Great tit | | | 1 | | 1 | 1 |
| Jay | | 1 | | | 1 | 1 |
| Magpie | | 2 | | | 2 | 2 |
| Pheasant | | 4 | | | 4 | 4 |
| Red-legged partridge | | | | 2 | 2 | 2 |
| Robin | | 3 | 2 | | 5 | 1 |
| Rook | 3 | | | | 3 | 3 |
| Sparrowhawk | | | 1 | | 1 | 1 |
| Wren | | | 1 | | 1 | 1 |
| Jackdaw | 12 | | | | 12 | 5 |
| Chaffinch | 1 | 1 | 2 | | 4 | 1 |
| Wood pigeon | 11 | | | | 11 | 5 |
| Grand Total | 162 | 19 | 14 | 145 | 340 | 60 |

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Vantage Point 6

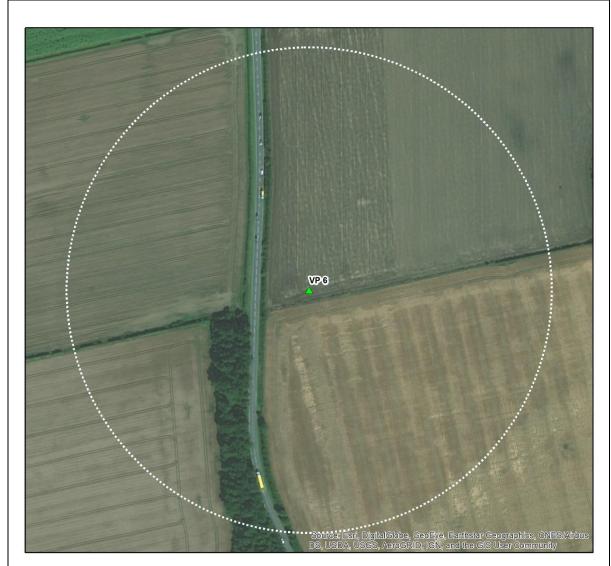


Figure 13: Vantage Point 6 (Google Earth 2019).

 Grid reference: TA 00227 39983

 Visit:
 Visit 1
 Visit 2
 Visit 3
 Visit 4
 Visit 5
 Visit 6

 Date:
 27/11/2018
 13/12/2018
 14/01/2019
 06/02/2019
 26/02/2019
 none

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Table A6: Vantage Point 6 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| BoCC 4 Red status | 149 | 29 | woodland | 6 | 184 | 46 |
| Fieldfare | 72 | | | | 72 | 46 |
| Linnet | 62 | | | | 62 | 32 |
| Redwing | 6 | | | | 6 | 6 |
| Skylark | 9 | | | 6 | 15 | 9 |
| Starling | | 1 | | | 1 | 1 |
| Yellowhammer | | 28 | | | 28 | 28 |
| BoCC4 Amber status | 3 | | | | 3 | 2 |
| Common gull | 2 | | | | 2 | 2 |
| Kestrel | 1 | | | | 1 | 1 |
| BoCC4 Green status | 33 | 4 | 13 | 4 | 54 | 6 |
| Blackbird | | | 1 | | 1 | 1 |
| Blue tit | | 1 | 4 | | 5 | 3 |
| Candada goose | 2 | | | | 2 | 2 |
| Carrion crow | 15 | | | 4 | 19 | 6 |
| Goldfinch | 4 | 1 | | | 5 | 3 |
| Great tit | | 1 | 1 | | 2 | 1 |
| Robin | | 1 | 2 | | 3 | 1 |
| Rook | 9 | | | | 9 | 5 |
| Tree creeper | | | 1 | | 1 | 1 |
| Wren | | | 3 | | 3 | 1 |
| Chaffinch | 1 | | 1 | | 2 | 1 |
| Wood pigeon | 2 | | | | 2 | 1 |
| Grand Total | 185 | 33 | 13 | 10 | 241 | 46 |

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Table A7: Vantage Point 7 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|-------|--------------------|------------------------|
| BoCC 4 Red status | 53 | 300 | 4 | 357 | 300 |
| Skylark | | | 4 | 4 | 3 |
| Starling | 53 | 300 | | 353 | 300 |
| BoCC4 Amber status | 49 | 3 | 40 | 92 | 25 |
| Black-headed gull | 2 | | | 2 | 2 |
| Common gull | 46 | | | 46 | 25 |
| Dunnock | | 3 | | 3 | 2 |
| Meadow pipit | 1 | | 39 | 40 | 21 |
| Reed bunting | | | 1 | 1 | 1 |
| BoCC4 Green status | 9 | 7 | 120 | 136 | 120 |
| Blackbird | | 4 | | 4 | 3 |
| Blue tit | | 1 | | 1 | 1 |
| Carrion crow | 1 | | | 1 | 1 |
| Common buzzard | | 1 | | 1 | 1 |
| Goldfinch | 2 | | | 2 | 2 |
| Robin | | 1 | | 1 | 1 |
| Rook | 2 | | | 2 | 2 |
| Chaffinch | 1 | | | 1 | 1 |
| Wood pigeon | 3 | | 120 | 123 | 120 |
| Grand Total | 111 | 310 | 164 | 585 | 300 |

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Vantage Point 8



Figure 15: Vantage Point 8 (Google Earth 2019).

Grid reference: TA 00294 42367

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|------------|
| Date: | 29/11/2018 | 17/12/2018 | 15/01/2019 | 07/02/2019 | 27/02/2019 | 18/03/2019 |

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Table A8: Vantage Point 8 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | | Single visit |
|--------------------------|-----------|----------|----------|-------|--------------------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. Recorded | maxima |
| BoCC 4 Red status | 11 | 373 | 2 | 38 | 424 | 275 |
| Fieldfare | 2 | 275 | 2 | 33 | 312 | 275 |
| Redwing | | 93 | | | 93 | 90 |
| Skylark | | | | 5 | 5 | 2 |
| Starling | 9 | | | | 9 | 9 |
| Yellowhammer | | 5 | | | 5 | 2 |
| BoCC4 Amber status | 13 | | 3 | 2 | 18 | 4 |
| Black-headed gull | 5 | | | | 5 | 4 |
| Bullfinch | | | 1 | | 1 | 1 |
| Common gull | 5 | | | | 5 | 2 |
| Dunnock | | | 2 | | 2 | 1 |
| Meadow pipit | 1 | | | | 1 | 1 |
| Stock dove | 2 | | | 2 | 4 | 2 |
| BoCC4 Green status | 72 | 19 | 59 | 15 | 165 | 50 |
| Blackbird | | 9 | 6 | | 15 | 5 |
| Blue tit | | | 6 | | 6 | 3 |
| Carrion crow | 4 | | | 2 | 6 | 2 |
| Goldcrest | | | 1 | | 1 | 1 |
| Goldfinch | 5 | | 8 | | 13 | 6 |
| Great tit | | | 2 | | 2 | 1 |
| Green woodpecker | | | | 1 | 1 | 1 |
| Greenfinch | 2 | | | | 2 | 2 |
| Long-tailed tit | | | 4 | | 4 | 4 |
| Magpie | | | 1 | | 1 | 1 |
| Red-legged partridge | | 1 | | | 1 | 1 |
| Robin | | 2 | 5 | | 7 | 2 |
| Rook | | 5 | | | 5 | 5 |
| Tree creeper | | | 1 | | 1 | 1 |
| Wren | | | 3 | | 3 | 2 |
| Chaffinch | | | 12 | | 12 | 4 |
| Wood pigeon | 61 | 2 | 10 | 12 | 85 | 50 |
| Grand Total | 96 | 392 | 64 | 55 | 607 | 275 |

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Vantage Point 9



Figure 16: Vantage Point 9 (Google Earth 2019).

| Grid referer | Grid reference: TA 00306 42934 | | | | | | | |
|--------------|--------------------------------|------------|-----------------|------|---------|---------|--|--|
| Visit: | Visit 1 Visit 2 | | Visit 3 Visit 4 | | Visit 5 | Visit 6 | | |
| Date: | 29/11/2018 | 17/12/2018 | 15/01/2019 | none | none | none | | |

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Table A9: Vantage Point 9 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|-------------|----------|--------|--------------------|---------------------|
| BoCC 4 Red status | 64 | Treager 6 W | 32 | 1 lotu | 96 | 35 |
| Fieldfare | 49 | | 25 | | 74 | 35 |
| Linnet | 14 | | | | 14 | 14 |
| Redwing | | | 4 | | 4 | 4 |
| Starling | 1 | | | | 1 | 1 |
| Tree sparrow | | | 3 | | 3 | 3 |
| BoCC4 Amber status | 1 | | 1 | | 2 | 1 |
| Dunnock | | | 1 | | 1 | 1 |
| Meadow pipit | 1 | | | | 1 | 1 |
| BoCC4 Green status | 17 | 1 | 28 | 37 | 83 | 37 |
| Blackbird | | 1 | 12 | | 13 | 12 |
| Blue tit | | | 1 | | 1 | 1 |
| Carrion crow | 3 | | | | 3 | 2 |
| Common buzzard | 3 | | | | 3 | 2 |
| Long-tailed tit | | | 15 | | 15 | 15 |
| Rook | 6 | | | | 6 | 6 |
| Wren | 1 | | | | 1 | 1 |
| Jackdaw | 1 | | | | 1 | 1 |
| Wood pigeon | 3 | | | 37 | 40 | 37 |
| Grand Total | 82 | 1 | 61 | 37 | 181 | 37 |

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Vantage Point 10

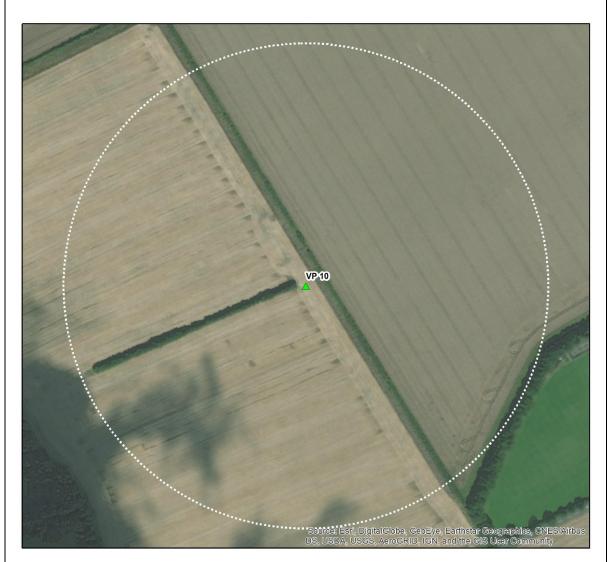


Figure 17: Vantage Point 10 (Google Earth 2019).

| Grid referer | Grid reference: TA 00527 43753 | | | | | | | |
|--------------|--------------------------------|------------|------------|---------|---------|---------|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | |
| Date: | 29/11/2018 | 19/12/2018 | 15/01/2019 | none | none | none | | |

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Table A10: Vantage Point 10 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|-----------------------|---------------------------|
| BoCC 4 Red status | 11 | 16 | | 27 | 54 | 19 |
| Fieldfare | | 15 | | | 15 | 15 |
| Grey partridge | | | | 8 | 8 | 8 |
| Linnet | 9 | | | | 9 | 7 |
| Song thrush | | 1 | | | 1 | 1 |
| Starling | 2 | | | 19 | 21 | 19 |
| BoCC4 Amber status | 8 | | | | 8 | 6 |
| Black-headed gull | 6 | | | | 6 | 6 |
| Stock dove | 2 | | | | 2 | 2 |
| BoCC4 Green status | 1125 | 17 | 1 | 134 | 1277 | 1100 |
| Blackbird | 2 | 5 | | | 7 | 5 |
| Blue tit | | 2 | | | 2 | 2 |
| Carrion crow | 5 | | 1 | 7 | 13 | 5 |
| Collared dove | 1 | | | | 1 | 1 |
| Common buzzard | | 2 | | | 2 | 2 |
| Golden plover | | | | 6 | 6 | 6 |
| Goldfinch | 2 | | | | 2 | 2 |
| Great tit | | 1 | | | 1 | 1 |
| Pheasant | | | | 19 | 19 | 18 |
| Rook | 3 | | | 8 | 11 | 8 |
| Siskin | 1 | | | | 1 | 1 |
| Wren | | 1 | | | 1 | 1 |
| Chaffinch | | 6 | | | 6 | 5 |
| Wood pigeon | 1111 | | | 94 | 1205 | 1100 |
| Grand Total | 1144 | 33 | 1 | 161 | 1339 | 1100 |

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Vantage Point 11



Figure 18: Vantage Point 11 (Google Earth 2019).

Grid reference: TA 00530 44338

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|------------|
| Date: | 29/11/2018 | 19/12/2018 | 15/01/2019 | 07/02/2019 | 27/02/2019 | 18/03/2019 |

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Table A11: Vantage Point 11 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|--------------------|---------------------|
| BoCC 4 Red status | 15 | 3 | | 36 | 54 | 22 |
| Skylark | | | | 14 | 14 | 7 |
| Starling | 8 | | | 22 | 30 | 22 |
| Yellowhammer | 7 | 3 | | | 10 | 6 |
| BoCC4 Amber status | 13 | 2 | | | 15 | 11 |
| Common gull | 11 | | | | 11 | 11 |
| Dunnock | | 2 | | | 2 | 2 |
| Kestrel | 2 | | | | 2 | 1 |
| BoCC4 Green status | 124 | 5 | 12 | 16 | 157 | 69 |
| Blackbird | | 4 | | | 4 | 2 |
| Blue tit | | | 2 | | 2 | 2 |
| Carrion crow | 10 | | | 5 | 15 | 6 |
| Common buzzard | 2 | | | | 2 | 1 |
| Goldfinch | 3 | | 2 | | 5 | 2 |
| Great tit | | | 1 | | 1 | 1 |
| Greenfinch | 1 | | | | 1 | 1 |
| Long-tailed tit | | | 2 | | 2 | 2 |
| Red kite | 1 | | | | 1 | 1 |
| Red-legged partridge | | | | 7 | 7 | 5 |
| Robin | | | 1 | | 1 | 1 |
| Rook | 19 | | | 2 | 21 | 10 |
| Wren | | | 1 | | 1 | 1 |
| Jackdaw | 14 | | | | 14 | 10 |
| Chaffinch | 2 | 1 | 3 | | 6 | 2 |
| Wood pigeon | 72 | | | 2 | 74 | 69 |
| Grand Total | 152 | 10 | 12 | 52 | 226 | 69 |

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Vantage Point 12



Figure 19: Vantage Point 12 (Google Earth 2019).

Grid reference: TA 00573 45429

No counts undertaken due to land access limitations

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|---------|---------|---------|---------|---------|---------|
| Date: | n/a | n/a | n/a | n/a | n/a | n/a |

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Vantage Point 13 **VP13 VP12** Figure 20: Vantage Point 13 (Google Earth 2019). Grid reference: TA 00432 45441

 Visit:
 Visit 1
 Visit 2
 Visit 3
 Visit 4
 Visit 5
 Visit 6

 Date:
 none
 17/12/2018
 16/01/2019
 07/02/2019
 27/02/2019
 18/03/2019

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Table A12: Vantage Point 13 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|---------------|-----------------------|---------------------------|
| BoCC 4 Red status | | 2 | | 10 | | 12 | 6 |
| Grey partridge | | | | 6 | | 6 | 6 |
| Marsh Tit | | | | 1 | | 1 | 1 |
| Skylark | | | | 3 | | 3 | 2 |
| Yellowhammer | | 2 | | | | 2 | 1 |
| BoCC4 Amber status | 33 | 3 | 1 | | 4 | 41 | 23 |
| Bullfinch | | 2 | 1 | | | 3 | 1 |
| Common gull | 10 | | | | | 10 | 5 |
| Dunnock | | 1 | | | | 1 | 1 |
| Mallard | | | | | 4 | 4 | 2 |
| Stock dove | 23 | | | | | 23 | 23 |
| BoCC4 Green status | 65 | 101 | 151 | 49 | | 366 | 90 |
| Blackbird | | 2 | 5 | | | 7 | 2 |
| Blue tit | | 3 | 9 | | | 12 | 3 |
| Carrion crow | 2 | | | 1 | | 3 | 2 |
| Common buzzard | 4 | | 9 | | | 13 | 7 |
| Goldcrest | | | 4 | | | 4 | 3 |
| Goldfinch | 1 | | | | | 1 | 1 |
| Great tit | | 1 | 2 | | | 3 | 1 |
| Great-spotted woodpecker | | | 3 | | | 3 | 2 |
| Greenfinch | | 1 | | | | 1 | 1 |
| Jay | | | 2 | | | 2 | 2 |
| Long-tailed tit | | | 2 | | | 2 | 2 |
| Magpie | | | 1 | | | 1 | 1 |
| Pheasant | | | | 42 | | 42 | 40 |
| Red-legged partridge | | | | 6 | | 6 | 5 |
| Robin | | 2 | | | | 2 | 2 |
| Rook | 20 | 90 | | | | 110 | 90 |
| Wren | | 2 | 5 | | | 7 | 2 |
| Jackdaw | 24 | | 84 | | | 108 | 80 |
| Chaffinch | | | 10 | | | 10 | 4 |
| Wood pigeon | 14 | | 15 | | | 29 | 14 |
| Grand Total | 98 | 106 | 152 | 59 | 4 | 419 | 90 |



Vantage Point 14



Figure 21: Vantage Point 14 (Google Earth 2019).

Grid reference: TA 01181 46193

No counts undertaken due to land access limitations

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|---------|---------|---------|---------|---------|---------|
| Date: | none | none | none | none | none | none |

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Vantage Point 15



Figure 22: Vantage Point 15 (Google Earth 2019).

Grid reference: TA 00898 46251

| No counts undertaken due to land access limitations | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | |
| Date: | none | none | none | none | none | none | | |

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Vantage Point 16



Figure 23: Vantage Point 16 (Google Earth 2019).

Grid reference: TA 01807 47021

| No counts un | No counts undertaken due to land access limitations | | | | | | | | |
|--|---|------|------|------|------|------|--|--|--|
| Visit: Visit 1 Visit 2 Visit 3 Visit 4 Visit 5 Visit 6 | | | | | | | | | |
| Date: | none | none | none | none | none | none | | | |

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Vantage Point 17



Figure 24: Vantage Point 17 (Google Earth 2019).

Grid reference: TA 02661 47556

| No counts un | No counts undertaken due to land access limitations | | | | | | | | |
|--------------|---|---------|---------|---------|---------|---------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | none | none | none | none | none | none | | | |

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| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|---------|------------|------------|------------|------------|------------|
| Date: | None | 19/12/2018 | 16/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 |

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Table A13: Vantage Point 18 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|---------------|-----------------------|------------------------|
| BoCC 4 Red status | 18 | 21 | 39 | 40 | | 118 | 35 |
| Fieldfare | | | 35 | | | 35 | 35 |
| Grey partridge | | | | 1 | | 1 | 1 |
| Linnet | 1 | | | | | 1 | 1 |
| Redwing | | | 4 | | | 4 | 4 |
| Skylark | | | | 6 | | 6 | 6 |
| Song thrush | | 1 | | | | 1 | 1 |
| Tree sparrow | 2 | | | 1 | | 3 | 2 |
| Yellowhammer | 15 | 20 | | 32 | | 67 | 26 |
| BoCC4 Amber status | 3 | 22 | | 8 | 6 | 39 | 11 |
| Dunnock | | 2 | | | | 2 | 1 |
| Green sandpiper | | | | | 1 | 1 | 1 |
| Mallard | | | | | 2 | 2 | 2 |
| Reed bunting | | 20 | | 8 | | 28 | 11 |
| Stock dove | 3 | | | | | 3 | 3 |
| Teal | | | | | 3 | 3 | 3 |
| BoCC4 Green status | 57 | 25 | 3 | 9 | 2 | 96 | 34 |
| Blackbird | | 7 | | | | 7 | 5 |
| Carrion crow | 1 | | 2 | 4 | | 7 | 4 |
| Goldfinch | | 3 | | | | 3 | 3 |
| Greenfinch | | 1 | | | | 1 | 1 |
| Little Egret | | | | | 2 | 2 | 2 |
| Pheasant | | | | 1 | | 1 | 1 |
| Rook | 35 | | | | | 35 | 34 |
| Wren | | 1 | | | | 1 | 1 |
| Jackdaw | 20 | | | 1 | | 21 | 20 |
| Chaffinch | | 13 | 1 | 2 | | 16 | 10 |
| Wood pigeon | 1 | | | 1 | | 2 | 1 |
| Grand Total | 78 | 68 | 42 | 57 | 8 | 253 | 35 |

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Vantage Point 19



Figure 26: Vantage Point 19 (Google Earth 2019).

| Grid refere | Grid reference: TA 04441 48736 | | | | | | | | | |
|-------------|--------------------------------|------------|------------|---------|---------|------------|--|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | | |
| Date: | 29/11/2018 | 19/12/2018 | 16/01/2019 | none | none | 18/03/2019 | | | | |

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Table A14: Vantage Point 19 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|---------------|-----------------------|------------------------|
| BoCC 4 Red status | 125 | 41 | | | | 166 | 87 |
| Fieldfare | 123 | 17 | | | | 140 | 87 |
| Redwing | 2 | 19 | | | | 21 | 14 |
| Yellowhammer | | 5 | | | | 5 | 4 |
| BoCC4 Amber status | 17 | 4 | | 1 | 19 | 41 | 18 |
| Kestrel | 1 | | | | | 1 | 1 |
| Mallard | | | | | 18 | 18 | 18 |
| Meadow pipit | 8 | | | | | 8 | 8 |
| Reed bunting | | 4 | | 1 | | 5 | 3 |
| Teal | 8 | | | | 1 | 9 | 8 |
| BoCC4 Green status | 3 | 21 | 1 | 2 | | 27 | 11 |
| Blackbird | 1 | 3 | | | | 4 | 3 |
| Goldfinch | 1 | 11 | | | | 12 | 11 |
| Great tit | | 1 | | | | 1 | 1 |
| Sparrowhawk | 1 | | | | | 1 | 1 |
| Wren | | 4 | | | | 4 | 2 |
| Chaffinch | | 2 | | | | 2 | 2 |
| Wood pigeon | | | 1 | 2 | | 3 | 2 |
| Grand Total | 145 | 66 | 1 | 3 | 19 | 234 | 87 |

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Vantage Point 20

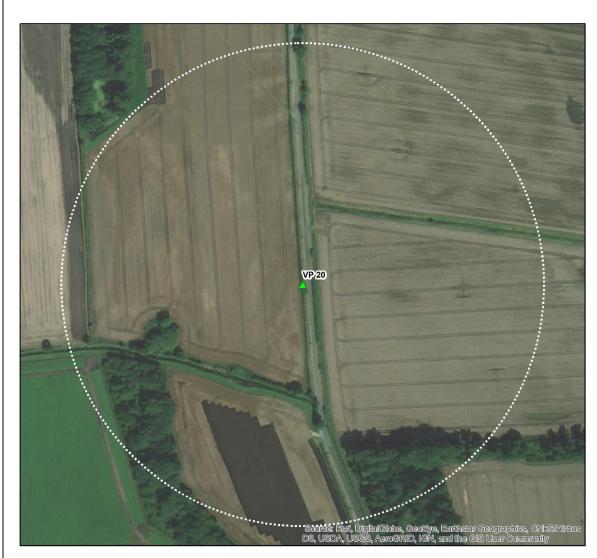


Figure 27: Vantage Point 20 (Google Earth 2019).

| Grid referer | Grid reference: TA 04916 49608 | | | | | | | | | |
|--|--------------------------------|------------|------------|------|------|------------|--|--|--|--|
| Visit: Visit 1 Visit 2 Visit 3 Visit 4 Visit 5 Visit 6 | | | | | | | | | | |
| Date: | 29/11/2018 | 19/12/2018 | 16/01/2019 | none | none | 18/03/2019 | | | | |

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Table A15: Vantage Point 20 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Water | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-------|-----------|-----------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | body | Recorded | maxima |
| BoCC 4 Red status | 19 | 2 | 3 | | | 24 | 15 |
| Fieldfare | | | 3 | | | 3 | 3 |
| Linnet | 1 | | | | | 1 | 1 |
| Redwing | 1 | | | | | 1 | 1 |
| Starling | 2 | | | | | 2 | 2 |
| Yellowhammer | 15 | 2 | | | | 17 | 15 |
| BoCC4 Amber status | 1 | | | | 7 | 8 | 7 |
| Mute swan | 1 | | | | | 1 | 1 |
| Teal | | | | | 7 | 7 | 7 |
| BoCC4 Green status | 266 | 2 | 65 | 50 | | 383 | 101 |
| Blackbird | | | 4 | | | 4 | 3 |
| Carrion crow | 36 | | | | | 36 | 28 |
| Goldfinch | 14 | | | | | 14 | 14 |
| Magpie | | | 1 | | | 1 | 1 |
| Robin | | | 2 | | | 2 | 1 |
| Rook | 80 | | | 42 | | 122 | 54 |
| Wren | | 2 | | | | 2 | 1 |
| Jackdaw | 17 | | | 8 | | 25 | 17 |
| Chaffinch | | | 15 | | | 15 | 13 |
| Wood pigeon | 119 | | 43 | | | 162 | 101 |
| Grand Total | 286 | 4 | 68 | 50 | 7 | 415 | 101 |

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Vantage Point 21



Figure 28: Vantage Point 21 (Google Earth 2019).

| Grid referer | Grid reference: TA 05663 50846 | | | | | | | | |
|--------------|--|------------|------------|------------|------------|------------|--|--|--|
| Visit: | Visit: Visit 1 Visit 2 Visit 3 Visit 4 Visit 5 Visit 6 | | | | | | | | |
| Date: | 28/11/2018 | 19/12/2018 | 16/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 | | | |

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Table A16: Vantage Point 21 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Water body | Total No. Recorded | Single visit |
|--------------------------|-----------|----------|----------|-------|---------------|-----------------------|--------------|
| BoCC 4 Red status | 55 | | 1 | 51 | | 107 | 40 |
| Fieldfare | 23 | | | 3 | | 26 | 15 |
| Lapwing | | | | 1 | | 1 | 1 |
| Linnet | 25 | | | | | 25 | 25 |
| Redwing | 7 | | | | | 7 | 6 |
| Skylark | | | | 7 | | 7 | 5 |
| Song thrush | | | 1 | | | 1 | 1 |
| Starling | | | | 40 | | 40 | 40 |
| BoCC4 Amber status | 4 | | 2 | | 6 | 12 | 5 |
| Dunnock | | | 1 | | | 1 | 1 |
| Kestrel | 1 | | | | | 1 | 1 |
| Mallard | | | | | 1 | 1 | 1 |
| Meadow pipit | 3 | | | | | 3 | 1 |
| Stock dove | | | 1 | | | 1 | 1 |
| Teal | | | | | 5 | 5 | 5 |
| BoCC4 Green status | 19 | 4 | 13 | 13 | 1 | 50 | 10 |
| Blackbird | | 2 | 2 | | | 4 | 2 |
| Carrion crow | 3 | 2 | 2 | | | 7 | 2 |
| Cormorant | 1 | | | | | 1 | 1 |
| Golden plover | | | | 10 | | 10 | 10 |
| Moorhen | | | | | 1 | 1 | 1 |
| Pheasant | | | | 3 | | 3 | 2 |
| Robin | | | 1 | | | 1 | 1 |
| Rook | 5 | | 2 | | | 7 | 5 |
| Jackdaw | 2 | | 3 | | | 5 | 3 |
| Chaffinch | | | 3 | | | 3 | 3 |
| Wood pigeon | 8 | | | | | 8 | 7 |
| Grand Total | 78 | 4 | 16 | 64 | 7 | 169 | 40 |

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Vantage Point 22



Figure 29: Vantage Point 22 (Google Earth 2019).

Grid reference: TA 06043 51681

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|------------|
| Date: | 28/11/2018 | 19/12/2018 | 16/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 |

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Table A17: Vantage Point 22 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Water | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | body | Recorded | maxima |
| BoCC 4 Red status | 1 | | | 1 | | 2 | 1 |
| Mistle thrush | | | | 1 | | 1 | 1 |
| Yellowhammer | 1 | | | | | 1 | 1 |
| BoCC4 Amber status | | | 1 | 6 | 2 | 9 | 3 |
| Dunnock | | | 1 | | | 1 | 1 |
| Greylag goose | | | | 2 | | 2 | 2 |
| Kestrel | | | | 1 | | 1 | 1 |
| Stock dove | | | | 3 | | 3 | 3 |
| Teal | | | | | 2 | 2 | 2 |
| BoCC4 Green status | 14 | 4 | 5 | 64 | | 87 | 30 |
| Blackbird | | 1 | 1 | | | 2 | 1 |
| Blue tit | | | 1 | | | 1 | 1 |
| Carrion crow | | | | 2 | | 2 | 2 |
| Common buzzard | | | | 1 | | 1 | 1 |
| Cormorant | 1 | | | | | 1 | 1 |
| Greenfinch | 1 | | | | | 1 | 1 |
| Magpie | | 1 | | | | 1 | 1 |
| Pheasant | | | | 1 | | 1 | 1 |
| Rook | | | | 30 | | 30 | 30 |
| Sparrowhawk | | 1 | | | | 1 | 1 |
| Wren | | 1 | 1 | | | 2 | 1 |
| Jackdaw | 3 | | | 30 | | 33 | 30 |
| Chaffinch | | | 2 | | | 2 | 2 |
| Wood pigeon | 9 | | | | | 9 | 4 |
| Grand Total | 15 | 4 | 6 | 71 | 2 | 98 | 30 |

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Vantage Point 23



Figure 30: Vantage Point 23 (Google Earth 2019).

Grid reference: TA 06152 52174

| Grid reference. TA 00132 32174 | | | | | | | | | |
|--------------------------------|------------|------------|------------|------------|------------|------------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | 28/11/2018 | 19/12/2018 | 16/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 | | | |

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Table A18: Vantage Point 23 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Field | Total No. | Single visit |
|--------------------------|-----------|----------|-------|-----------|--------------|
| BoCC 4 Red status | 18 | 13 | 18 | 49 | 13 |
| Fieldfare | | 13 | | 13 | 13 |
| Grey partridge | | | 2 | 2 | 2 |
| Lapwing | | | 12 | 12 | 12 |
| Skylark | 10 | | 4 | 14 | 9 |
| Starling | 8 | | | 8 | 8 |
| BoCC4 Amber status | 1 | 4 | 4 | 9 | 4 |
| Dunnock | | 4 | | 4 | 2 |
| Meadow pipit | 1 | | 4 | 5 | 4 |
| BoCC4 Green status | 7 | 21 | 5 | 33 | 5 |
| Blackbird | | 4 | | 4 | 2 |
| Blue tit | | 1 | | 1 | 1 |
| Carrion crow | 1 | | 2 | 3 | 2 |
| Cormorant | 1 | | | 1 | 1 |
| Golden plover | 1 | | | 1 | 1 |
| Great tit | | 1 | | 1 | 1 |
| Pheasant | | | 3 | 3 | 3 |
| Robin | | 3 | | 3 | 2 |
| Wren | | 5 | | 5 | 2 |
| Jackdaw | 2 | | | 2 | 2 |
| Chaffinch | | 7 | | 7 | 5 |
| Wood pigeon | 2 | | | 2 | 2 |
| Grand Total | 26 | 38 | 27 | 91 | 13 |

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Vantage Point 24



Figure 31: Vantage Point 24 (Google Earth 2019)

| Grid reference: TA 06483 52879 | | | | | | | | |
|--------------------------------|------------|------------|------------|------------|------------|------------|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | |
| Date: | 28/11/2018 | 19/12/2018 | 15/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 | | |

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Table A19: Vantage Point 24 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Water | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | body | Recorded | maxima |
| BoCC 4 Red status | | | | 2 | | 2 | 2 |
| Skylark | | | | 2 | | 2 | 2 |
| BoCC4 Amber status | 1 | 3 | 6 | | 4 | 14 | 3 |
| Bullfinch | | | 1 | | | 1 | 1 |
| Dunnock | | 3 | 5 | | | 8 | 3 |
| Gadwall | | | | | 2 | 2 | 2 |
| Kingfisher | 1 | | | | | 1 | 1 |
| Teal | | | | | 2 | 2 | 2 |
| BoCC4 Green status | 5 | 9 | 52 | 14 | 4 | 84 | 8 |
| Blackbird | | 1 | 10 | | | 11 | 8 |
| Blue tit | | | 5 | | | 5 | 5 |
| Carrion crow | | | 4 | 5 | | 9 | 5 |
| Cormorant | 1 | | 10 | | | 11 | 5 |
| Great tit | | | | 1 | | 1 | 1 |
| Great-spotted woodpecker | | 1 | 1 | | | 2 | 1 |
| Magpie | | | 1 | 1 | | 2 | 1 |
| Moorhen | | | | | 3 | 3 | 3 |
| Pheasant | | | 1 | 3 | | 4 | 2 |
| Red-legged partridge | | 1 | | | | 1 | 1 |
| Robin | | | 3 | 1 | | 4 | 2 |
| Siskin | 1 | | 7 | | | 8 | 7 |
| Water rail | | | | | 1 | 1 | 1 |
| Wren | | 1 | 5 | 3 | | 9 | 3 |
| Chaffinch | 1 | 4 | | | | 5 | 3 |
| Wood pigeon | 2 | 1 | 5 | | | 8 | 5 |
| Grand Total | 6 | 12 | 58 | 16 | 8 | 100 | 8 |

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Vantage Point 25



Figure 32: Vantage Point 25 (Google Earth 2019).

Grid reference: TA 07603 54239

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|---------|---------|---------|---------|---------|
| Date: | 28/11/2018 | none | none | none | none | none |

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Table A20: Vantage Point 25 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|-------|-----------------------|------------------------|
| BoCC 4 Red status | 40 | | | 40 | 34 |
| Fieldfare | 6 | | | 6 | 6 |
| Redwing | 34 | | | 34 | 34 |
| BoCC4 Amber status | 1 | | | 1 | 1 |
| Mallard | 1 | | | 1 | 1 |
| BoCC4 Green status | 4 | 2 | 1 | 7 | 2 |
| Carrion crow | 2 | | 1 | 3 | 2 |
| Common buzzard | 1 | | | 1 | 1 |
| Robin | | 1 | | 1 | 1 |
| Wood pigeon | 1 | 1 | | 2 | 1 |
| Grand Total | 45 | 2 | 1 | 48 | 34 |

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Vantage Point 26



Figure 33: Vantage Point 26 (Google Earth 2019).

| Grid referer | Grid reference: TA 09543 55879 | | | | | | | | |
|--------------|--------------------------------|------------|------------|------------|------------|------------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | 28/11/2019 | 14/12/2019 | 15/01/2019 | 05/02/2019 | 28/02/2019 | 18/03/2019 | | | |

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Table A21: Vantage Point 26 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Total No. | Single visit |
|--------------------------|-----------|----------|----------|-------|-----------|--------------|
| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Recorded | maxima |
| BoCC 4 Red status | 66 | 53 | 16 | 26 | 161 | 52 |
| Fieldfare | | | 16 | | 16 | 16 |
| Grey partridge | | | | 6 | 6 | 4 |
| Linnet | 53 | 52 | | | 105 | 52 |
| Skylark | 10 | | | 20 | 30 | 12 |
| Starling | 1 | | | | 1 | 1 |
| Yellowhammer | 2 | 1 | | | 3 | 1 |
| BoCC4 Amber status | 14 | 2 | | 6 | 22 | 8 |
| Mallard | 5 | | | | 5 | 5 |
| Reed bunting | | 2 | | 1 | 3 | 2 |
| Snipe | 1 | | | 1 | 2 | 1 |
| Stock dove | 8 | | | 4 | 12 | 8 |
| BoCC4 Green status | 14 | 2 | | 35 | 51 | 20 |
| Blackbird | | 2 | | | 2 | 2 |
| Carrion crow | 2 | | | 9 | 11 | 3 |
| Cormorant | 2 | | | | 2 | 2 |
| Feral pigeon | | | | 20 | 20 | 20 |
| Pheasant | | | | 1 | 1 | 1 |
| Rook | 1 | | | | 1 | 1 |
| Jackdaw | 4 | | | | 4 | 2 |
| Wood pigeon | 5 | | | 5 | 10 | 5 |
| Grand Total | 94 | 57 | 16 | 67 | 234 | 52 |

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Figure 34: Vantage Point 27 (Google Earth 2019).

Grid reference: TA 11339 56527

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|------------|---------|
| Date: | 28/11/2019 | 14/12/2019 | 15/01/2019 | 05/02/2019 | 28/02/2019 | none |

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Table A22: Vantage Point 27 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | Water | Total No. | Single vi |
|-------------------------|----|----|----------|----|-------|-----------|-----------|
| pecies and BoCC4 status | | | Woodland | | body | Recorded | maxima |
| oCC 4 Red status | 5 | 2 | 3 | 7 | | 17 | 3 |
| Fieldfare | | | | 3 | | 3 | 3 |
| Herring gull | 1 | | | 2 | | 3 | 2 |
| Lapwing | | | | 1 | | 1 | 1 |
| Linnet | 2 | | 1 | | | 3 | 1 |
| Skylark | 1 | | | 1 | | 2 | 1 |
| Starling | 1 | | 2 | | | 3 | 2 |
| Tree sparrow | | 1 | | | | 1 | 1 |
| Yellowhammer | | 1 | | | | 1 | 1 |
| SoCC4 Amber status | 19 | 9 | 1 | 12 | 1 | 42 | 10 |
| Bullfinch | | 5 | | | | 5 | 3 |
| Common gull | 1 | | | | | 1 | 1 |
| Dunlin | | | 1 | | | 1 | 1 |
| Dunnock | | 2 | | | | 2 | 1 |
| Kestrel | 1 | | | | | 1 | 1 |
| Mallard | 12 | | | 2 | | 14 | 8 |
| Reed bunting | | 1 | | | | 1 | 1 |
| Snipe | 4 | | | | | 4 | 4 |
| Stock dove | | 1 | | | | 1 | 1 |
| Teal | 1 | | | 10 | 1 | 12 | 10 |
| oCC4 Green status | 42 | 36 | 66 | 6 | | 150 | 46 |
| Blackbird | | 7 | 2 | | | 9 | 2 |
| Blue tit | | 2 | 2 | | | 4 | 2 |
| Carrion crow | 6 | | 1 | | | 7 | 4 |
| Common buzzard | 2 | | | | | 2 | 2 |
| Golden plover | 7 | | | | | 7 | 7 |
| Goldfinch | | 5 | 2 | | | 7 | 5 |
| Magpie | | 1 | 3 | 1 | | 5 | 2 |
| Moorhen | | | 1 | | | 1 | 1 |
| Pheasant | | | | 5 | | 5 | 3 |
| Robin | | 7 | | | | 7 | 2 |
| Rook | 4 | | | | | 4 | 4 |
| Wren | | | 1 | | | 1 | 1 |
| Jackdaw | 21 | 2 | 5 | | | 28 | 10 |
| Chaffinch | | 4 | | | | 4 | 3 |
| Wood pigeon | 2 | 8 | 49 | | | 59 | 46 |
| irand Total | 66 | 47 | 70 | 25 | 1 | 209 | 46 |

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Vantage Point 28



Figure 35: Vantage Point 28 (Google Earth 2019).

| Grid reference: TA 11789 56588 | | | | | | | | | |
|--------------------------------|------------|------------|------------|------------|------------|---------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | 27/11/2019 | 14/12/2019 | 15/01/2019 | 05/02/2019 | 28/02/2019 | none | | | |

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Table A23: Vantage Point 28 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| | | | | | | Total No. | Single visit |
|--------------------------|-----------|----|----------|-----|------------|-----------|--------------|
| Species and BoCC4 status | In flight | | Woodland | | Water body | | maxima |
| BoCC 4 Red status | 8 | 8 | 34 | 4 | | 54 | 34 |
| Fieldfare | | | 34 | | | 34 | 34 |
| Linnet | 1 | | | | | 1 | 1 |
| Skylark | | | | 3 | | 3 | 2 |
| Song thrush | | 7 | | 1 | | 8 | 4 |
| Yellowhammer | 7 | 1 | | | | 8 | 7 |
| BoCC4 Amber status | 8 | 10 | | 7 | 28 | 53 | 16 |
| Dunnock | | 8 | | | | 8 | 5 |
| Kestrel | 1 | | | | | 1 | 1 |
| Mallard | 6 | | | | 26 | 32 | 16 |
| Mute swan | | | | | 1 | 1 | 1 |
| Snipe | | | | 7 | | 7 | 6 |
| Stock dove | 1 | | | | | 1 | 1 |
| Teal | | | | | 1 | 1 | 1 |
| Wigeon | | 2 | | | | 2 | 2 |
| BoCC4 Green status | 42 | 17 | 27 | 148 | 3 | 237 | 110 |
| Blackbird | | 2 | 1 | | | 3 | 1 |
| Carrion crow | 3 | | | 1 | | 4 | 2 |
| Common buzzard | 2 | 1 | | | | 3 | 1 |
| Cormorant | 1 | | | | | 1 | 1 |
| Goldfinch | 17 | 4 | | | | 21 | 16 |
| Great-spotted woodpecker | | | 1 | | | 1 | 1 |
| Magpie | | | 2 | | | 2 | 2 |
| Moorhen | | | | | 3 | 3 | 2 |
| Pied wagtail | 2 | | | | | 2 | 1 |
| Robin | | 3 | | | | 3 | 2 |
| Rook | 4 | | | | | 4 | 2 |
| Wren | | 4 | | | | 4 | 2 |
| Chaffinch | 1 | 3 | 3 | | | 7 | 3 |
| Wood pigeon | 12 | | 20 | 147 | | 179 | 110 |
| Grand Total | 58 | 35 | 61 | 159 | 31 | 344 | 110 |



Vantage Point 29



Figure 36: Vantage Point 29 (Google Earth 2019).

Grid reference: TA 12999 56799

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|---------|---------|---------|
| Date: | 27/11/2019 | 14/12/2019 | 15/01/2019 | none | none | none |

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Table A24: Vantage Point 29 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|-------|---------------|-----------------------|------------------------|
| BoCC 4 Red status | 2 | | | 2 | 2 |
| Linnet | 2 | | | 2 | 2 |
| BoCC4 Amber status | 1 | 1 | 42 | 44 | 18 |
| Common gull | | 1 | | 1 | 1 |
| Mallard | | | 34 | 34 | 18 |
| Mute swan | 1 | | | 1 | 1 |
| Teal | | | 8 | 8 | 4 |
| BoCC4 Green status | 3 | | | 3 | 1 |
| Cormorant | 1 | | | 1 | 1 |
| Pied wagtail | 2 | | | 2 | 1 |
| Grand Total | 6 | 1 | 42 | 49 | 18 |

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Vantage Point 30 **VP30** Figure 37: Vantage Point 30 (Google Earth 2019).

| Grid reference: TA 13778 57452 | | | | | | | | | |
|--------------------------------|------------|------------|------------|---------|---------|---------|--|--|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | | | |
| Date: | 27/11/2019 | 14/12/2019 | 15/01/2019 | none | none | none | | | |

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Table A25: Vantage Point 30 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|----------|-------|-----------------------|------------------------|
| BoCC 4 Red status | 1 | 23 | | | 24 | 15 |
| Linnet | 1 | | | | 1 | 1 |
| Starling | | 15 | | | 15 | 15 |
| Tree sparrow | | 4 | | | 4 | 4 |
| Yellowhammer | | 4 | | | 4 | 4 |
| BoCC4 Amber status | 1 | | | | 1 | 1 |
| Common gull | 1 | | | | 1 | 1 |
| BoCC4 Green status | 26 | 2 | 91 | 268 | 387 | 139 |
| Blackbird | | 1 | | | 1 | 1 |
| Blue tit | | 1 | | | 1 | 1 |
| Rook | 5 | | 74 | 268 | 347 | 139 |
| Jackdaw | 2 | | 17 | | 19 | 17 |
| Chaffinch | 1 | | | | 1 | 1 |
| Wood pigeon | 18 | | | | 18 | 10 |
| Grand Total | 28 | 25 | 91 | 268 | 412 | 139 |

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Vantage Point 31

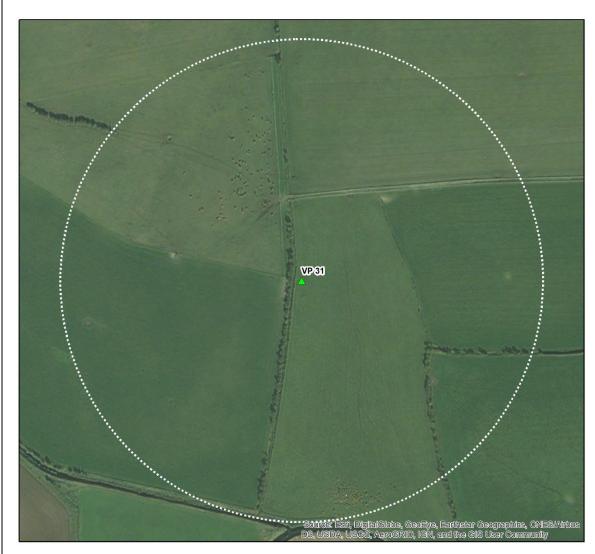


Figure 38: Vantage Point 31 (Google Earth 2019).

| Grid reference: TA 14959 59163 | | | | | | | |
|--------------------------------|------------|------------|---------|---------|---------|---------|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | |
| Date: | 27/11/2019 | 14/12/2019 | none | none | none | none | |

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Table A26: Vantage Point 31 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Field | Water body | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|----------|-------|---------------|-----------------------|------------------------|
| BoCC 4 Red status | 87 | 42 | 40 | | 169 | 84 |
| Linnet | 2 | 42 | | | 44 | 42 |
| Starling | 85 | | 40 | | 125 | 84 |
| BoCC4 Amber status | 4 | 1 | 37 | 2 | 44 | 24 |
| Black-headed gull | | | 2 | | 2 | 2 |
| Common gull | | | 35 | | 35 | 24 |
| Dunnock | | 1 | | | 1 | 1 |
| Mallard | 4 | | | | 4 | 2 |
| Teal | | | | 2 | 2 | 2 |
| BoCC4 Green status | 18 | 2 | 4 | | 24 | 7 |
| Goldfinch | 1 | | | | 1 | 1 |
| Greenfinch | 4 | | | | 4 | 4 |
| Pied wagtail | 1 | | | | 1 | 1 |
| Robin | | 1 | | | 1 | 1 |
| Rook | | | 4 | | 4 | 4 |
| Jackdaw | 8 | | | | 8 | 7 |
| Chaffinch | 1 | 1 | | | 2 | 1 |
| Wood pigeon | 3 | | | | 3 | 2 |
| Grand Total | 109 | 45 | 81 | 2 | 237 | 84 |

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Vantage Point 32



Figure 39: Vantage Point 32 (Google Earth 2019).

Grid reference: TA 15236 59932

| 0.14 (0.15) (0.15) | | | | | | | |
|--------------------|------------|------------|------------|---------|---------|---------|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | |
| Date: | 27/11/2019 | 14/12/2019 | 15/01/2019 | none | none | none | |

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Table A27: Vantage Point 32 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Woodland | Total No. Recorded | Single visit |
|--------------------------|-----------|----------|----------|-----------------------|--------------|
| BoCC 4 Red status | 8 | | 1 | 9 | 8 |
| Song thrush | | | 1 | 1 | 1 |
| Starling | 8 | | | 8 | 8 |
| BoCC4 Amber status | 1 | | 2 | 3 | 1 |
| Dunnock | | | 2 | 2 | 1 |
| Stock dove | 1 | | | 1 | 1 |
| BoCC4 Green status | 87 | 3 | 32 | 122 | 50 |
| Blackbird | | | 2 | 2 | 2 |
| Blue tit | | | 11 | 11 | 5 |
| Chiff chaff | | | 1 | 1 | 1 |
| Golden plover | 12 | | | 12 | 12 |
| Goldfinch | 2 | | 1 | 3 | 2 |
| Great tit | | 3 | 2 | 5 | 3 |
| Long-tailed tit | | | 2 | 2 | 2 |
| Pheasant | | | 1 | 1 | 1 |
| Robin | | | 4 | 4 | 3 |
| Rook | 56 | | | 56 | 50 |
| Tree creeper | | | 1 | 1 | 1 |
| Wren | | | 6 | 6 | 3 |
| Jackdaw | 5 | | | 5 | 5 |
| Chaffinch | | | 1 | 1 | 1 |
| Wood pigeon | 12 | | | 12 | 6 |
| Grand Total | 96 | 3 | 35 | 134 | 50 |

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Vantage Point 33



Figure 40: Vantage Point 33 (Google Earth 2019).

| Grid reference: TA 15972 60720 | | | | | | | |
|--------------------------------|------------|------------|---------|---------|---------|---------|--|
| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 | |
| Date: | 27/11/2019 | 14/12/2019 | none | none | none | none | |

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Table A28: Vantage Point 33 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Hedgerow | Field | Total No. | Single visit |
|--------------------------|-----------|-------------|-------|-----------|--------------|
| BoCC 4 Red status | 24 | riedgerow 7 | 17 | 48 | 15 |
| Corn bunting | 7 | | _, | 7 | 7 |
| Fieldfare | 1 | | | 1 | 1 |
| Linnet | | 5 | | 5 | 5 |
| Skylark | 1 | | 13 | 14 | 13 |
| Yellowhammer | 15 | 2 | 4 | 21 | 15 |
| BoCC4 Amber status | 3 | 1 | | 4 | 2 |
| Common gull | 2 | | | 2 | 2 |
| Kingfisher | 1 | | | 1 | 1 |
| Reed bunting | | 1 | | 1 | 1 |
| BoCC4 Green status | 11 | 3 | 1 | 15 | 6 |
| Goldfinch | 1 | | | 1 | 1 |
| Greenfinch | 1 | | | 1 | 1 |
| Magpie | 1 | | | 1 | 1 |
| Pheasant | 1 | | 1 | 2 | 1 |
| Chaffinch | 6 | 3 | | 9 | 6 |
| Wood pigeon | 1 | | | 1 | 1 |
| Grand Total | 38 | 11 | 18 | 67 | 15 |

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Vantage Point 34

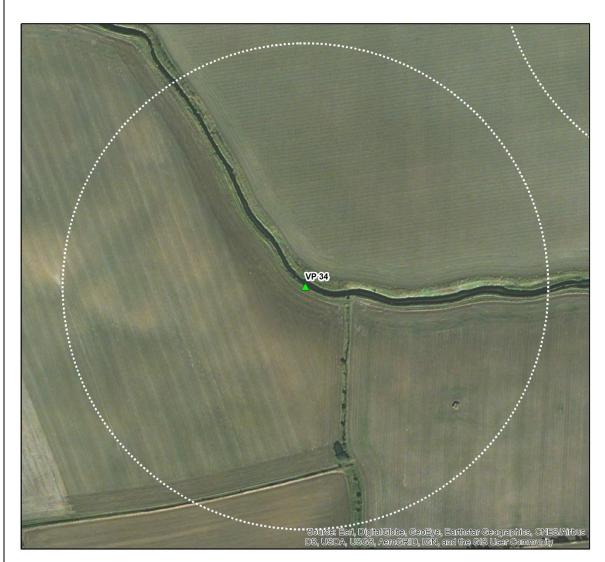


Figure 41: Vantage Point 34 (Google Earth 2019).

Grid reference: TA 16507 61379

| Visit: | Visit 1 | Visit 2 | Visit 3 | Visit 4 | Visit 5 | Visit 6 |
|--------|------------|------------|------------|------------|---------|---------|
| Date: | 27/11/2019 | 14/12/2019 | 15/01/2019 | 05/02/2019 | none | none |

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Table A29: Vantage Point 34 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | sIn flight | Hedgerow | Woodland | Field | Total No. Recorded | Single visit |
|--------------------------|------------|----------|----------|-------|-----------------------|--------------|
| BoCC 4 Red status | 11 | 32 | | 106 | 149 | 66 |
| Corn bunting | 1 | 14 | | 66 | 81 | 66 |
| Linnet | 8 | | | 11 | 19 | 11 |
| Merlin | 1 | | | | 1 | 1 |
| Skylark | | | | 6 | 6 | 6 |
| Tree sparrow | | 17 | | | 17 | 10 |
| Yellowhammer | 1 | 1 | | 23 | 25 | 23 |
| BoCC4 Amber status | 3 | 11 | | 10 | 24 | 9 |
| Kestrel | 1 | | | | 1 | 1 |
| Meadow pipit | 1 | | | | 1 | 1 |
| Reed bunting | 1 | 11 | | 10 | 22 | 9 |
| BoCC4 Green status | 9 | 9 | 2 | | 20 | 8 |
| Carrion crow | 5 | | 2 | | 7 | 5 |
| Cormorant | 1 | | | | 1 | 1 |
| Goldfinch | 1 | 8 | | | 9 | 8 |
| Pied wagtail | 1 | | | | 1 | 1 |
| Rook | 1 | | | | 1 | 1 |
| Wren | | 1 | | | 1 | 1 |
| Grand Total | 23 | 52 | 2 | 116 | 193 | 66 |

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Vantage Point 35



Figure 42: Vantage Point 35 (Google Earth 2019).

 Grid reference: TA 16985 61759

 Visit:
 Visit 1
 Visit 2
 Visit 3
 Visit 4
 Visit 5
 Visit 6

 Date:
 27/11/2019
 14/12/2019
 15/01/2019
 05/02/2019
 none
 none

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Table A30: Vantage Point 35 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

| Species and BoCC4 status | In flight | Field | Total No. Recorded | Single visit maxima |
|--------------------------|-----------|-------|-----------------------|------------------------|
| BoCC 4 Red status | | 9 | 9 | 8 |
| Ringed plover | | 8 | 8 | 8 |
| Skylark | | 1 | 1 | 1 |
| BoCC4 Amber status | 4 | 1 | 5 | 4 |
| Dunlin | | 1 | 1 | 1 |
| Greylag goose | 4 | | 4 | 4 |
| BoCC4 Green status | 32 | 130 | 164 | 118 |
| Carrion crow | | | 2 | 2 |
| Golden plover | | 130 | 130 | 118 |
| Greenfinch | 30 | | 30 | 30 |
| Pied wagtail | 1 | | 1 | 1 |
| Rook | 1 | | 1 | 1 |
| Grand Total | 36 | 140 | 178 | 118 |

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