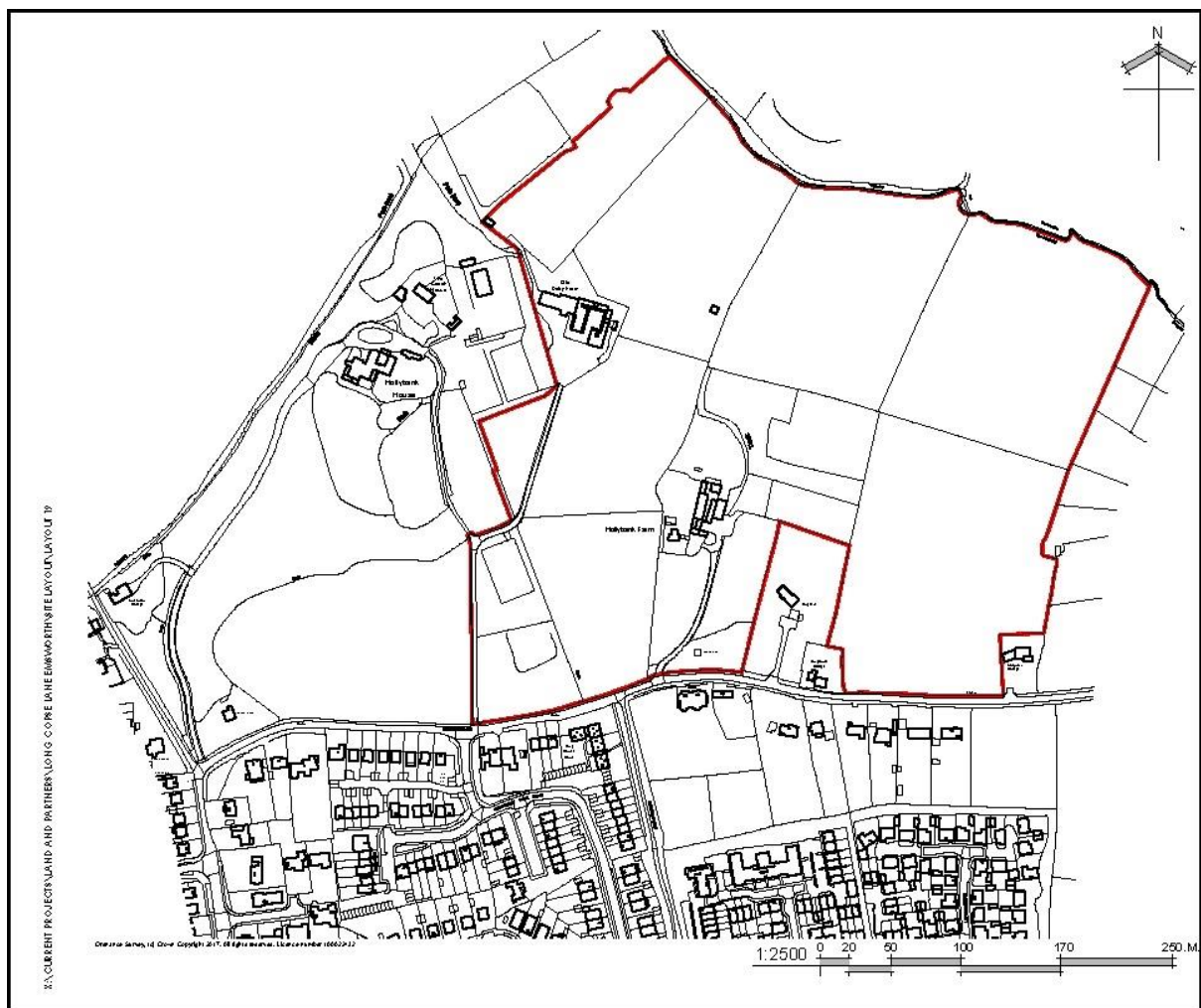


Land off Long Copse Lane, Emsworth, Hampshire, PO10 8SU

Breeding Bird Survey Field Results 2021

Breeding bird surveys were carried out between the end of March and the end of June 2021 by ornithologist Mr Alan Crane.

The land subject to the breeding bird survey was centred around OS grid ref SU75020811



Methods

Surveys were carried out using territory mapping to get an indication of the numbers of breeding birds on the site. This uses methods based on the British Trust for Ornithology Common Bird Census (Marchant, J.H. 1983. Common Birds Census instructions. BTO, Tring).

A series of 10 survey visits are made between mid-March and June. All bird sightings (particularly singing males) were mapped. At the end of the series of surveys, all sightings of each species recorded were transferred to a single species map, with observations of bird species marked as 1 to 10 referring to the respective survey on which they were observed/recorded. From these data, clusters of sightings have been developed, indicating territories. Bird territories are considered to have three or more observations in a cluster.

A dotted line between observations indicates that there were two birds singing simultaneously. This would indicate two territories.

A solid line between observations indicates that the bird was seen to fly from one location to the other. Indicating activity within the same territory.

All surveys were started just after sunrise (except for the evening survey). All surveys started from Hollybank Farm, but the survey route varied from survey to survey to avoid bias. The route is shown in Appendix 1. This route covered all boundaries, tree lines, hedge lines and copses.

House sparrows that nest colonially are treated differently – as territory mapping does not apply to this species. Instead, a count is made of singing / chirping males. The house sparrow map refers to the number of males counted and locations, not to the survey number.

Swallows are also treated differently. These have been counted by directly counting active nests. The number on the swallow map indicates the number of active nests and location.

Timings and weather data are shown in Appendix 2.

Results

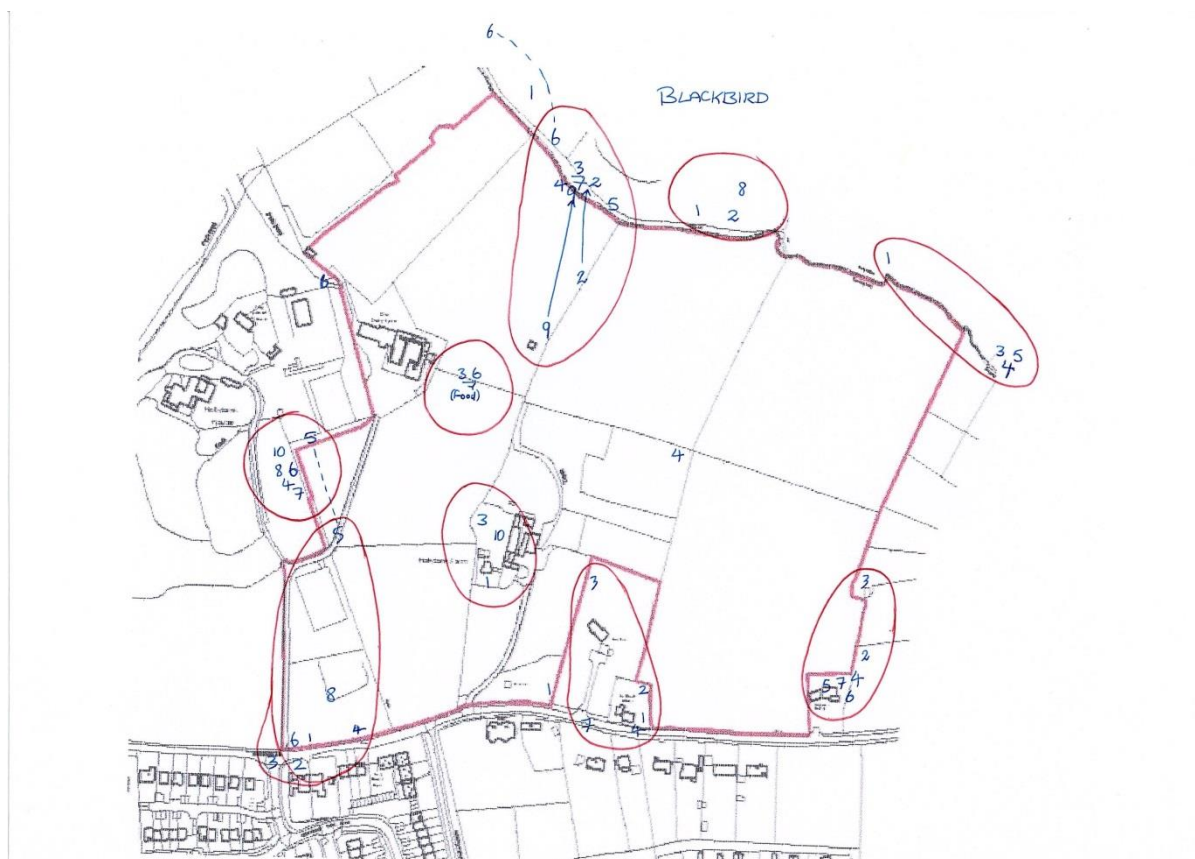
For simplicity the results are presented in alphabetical order of species.

Species that were recorded with territories either onsite or adjacent to site are presented first, then other sightings where territories were not recorded. Where a bird was recorded onsite in any of the surveys has been counted as onsite.

Territories recorded are summarised in Appendix 3.

Species recorded as holding territory

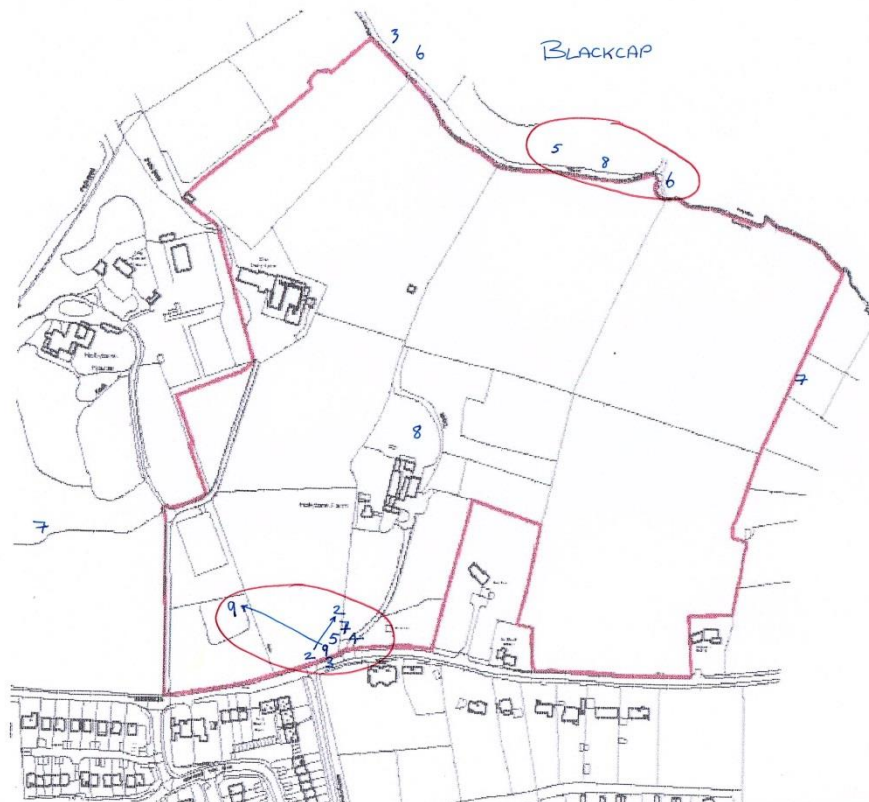
Blackbird *Turdus merula*



4 territories on site

5 territories adjacent

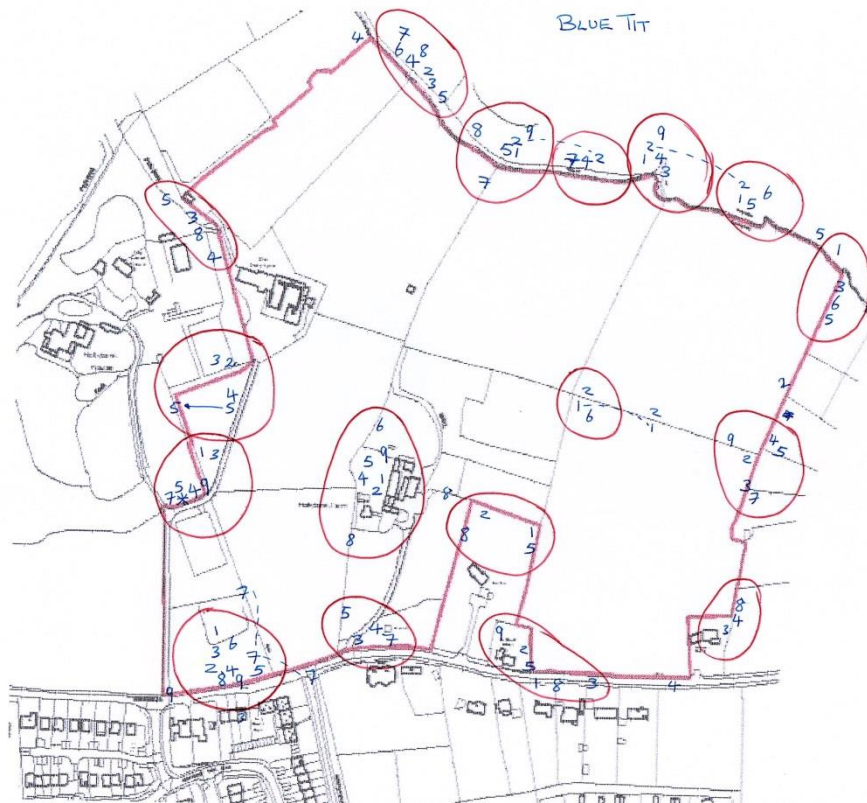
Blackcap *Sylvia atricapilla*



1 territory on site

1 territory adjacent

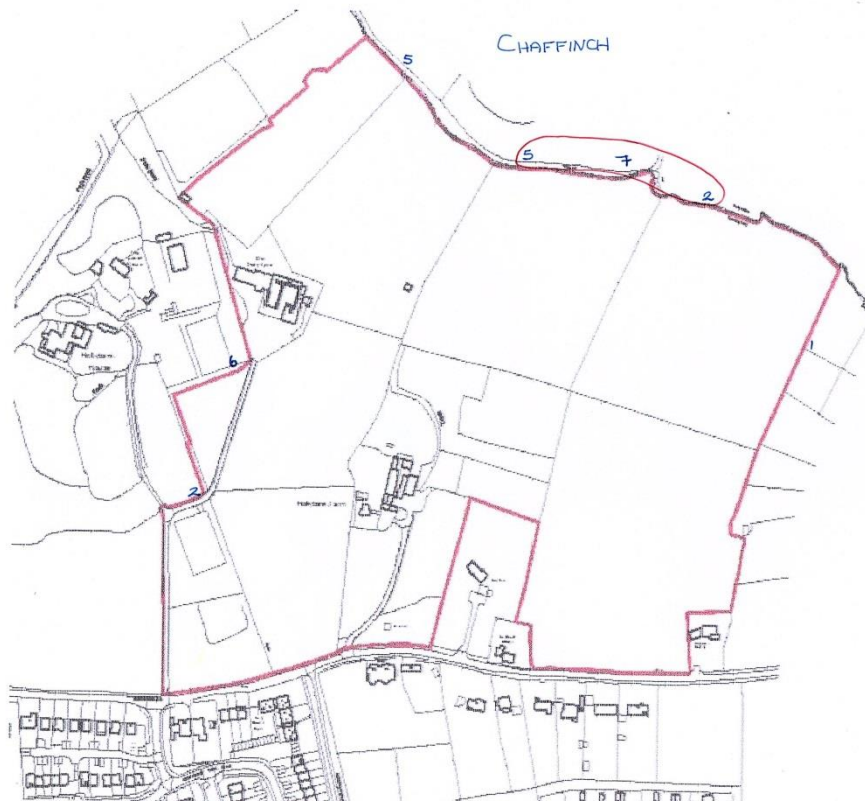
Blue Tit *Parus caeruleus*



8 territories on site

9 territories adjacent

Chaffinch *Fringilla coelebs*

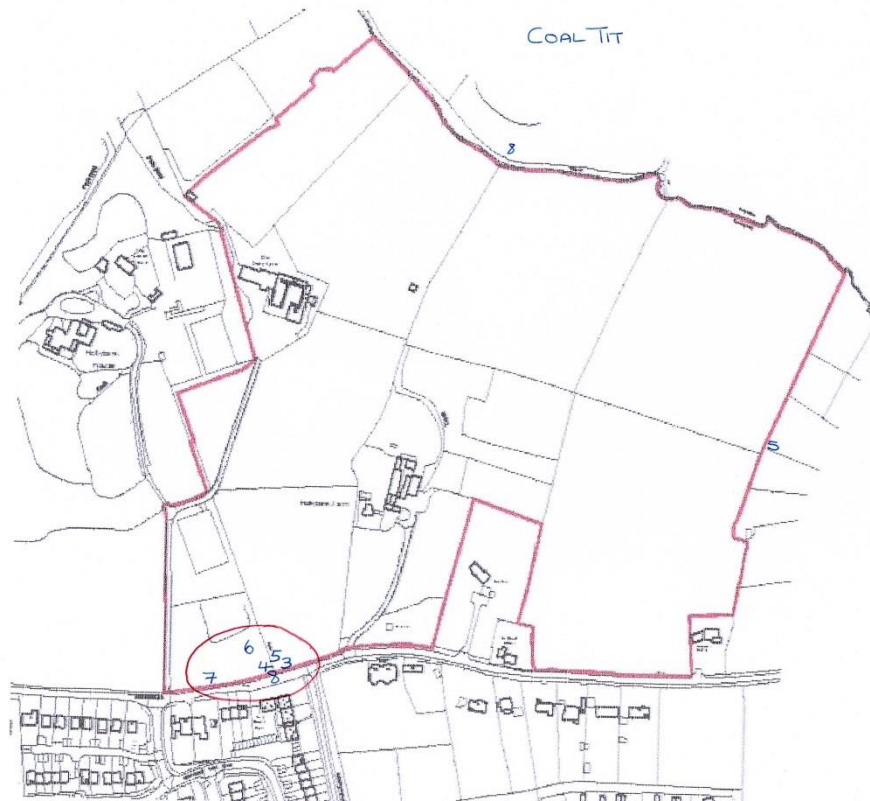


1 territory adjacent

A hand-drawn map of a territory labeled "CHIFFCHAFF" at the top. The map shows a large area enclosed by a red line, with several smaller areas also outlined in red. Handwritten numbers are placed throughout the map, some grouped in red circles. The numbers include 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. A blue line with arrows is drawn in the lower-left quadrant, connecting points 1, 2, 3, 4, 5, and 6. The map also shows some buildings and a road at the bottom.

2 territories adjacent

Coal Tit *Parus ater*



1 territory on site

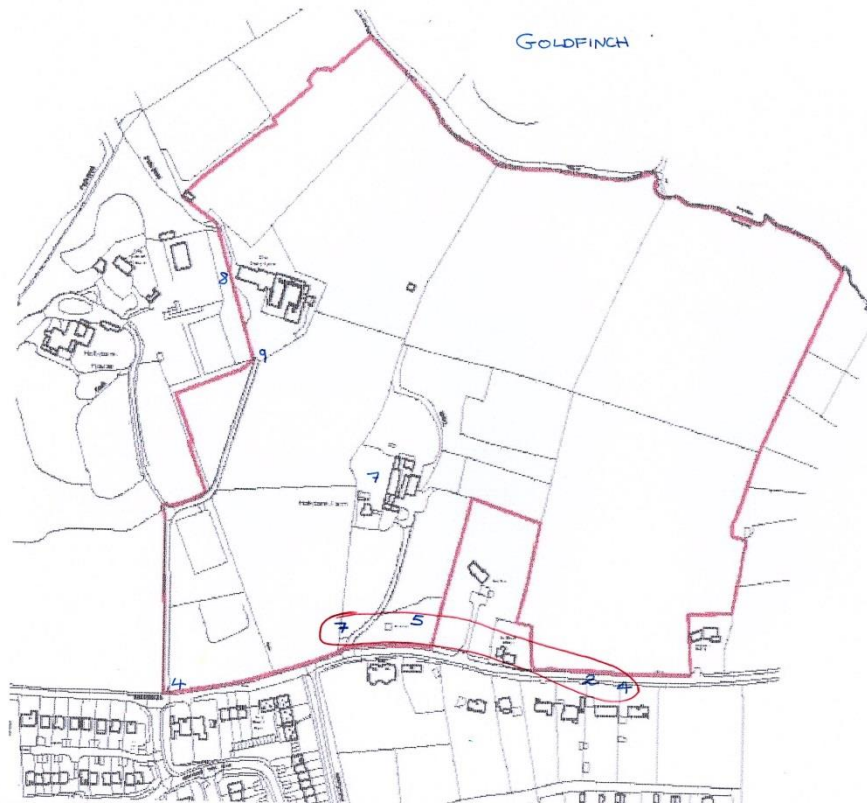
Dunnock *Prunella modularis*



5 territories on site

3 territories adjacent

Goldfinch *Carduelis carduelis*



1 territory on site

Great Spotted Woodpecker *Dendrocopos major*



1 territory on site

1 territory adjacent

Great Tit *Parus major*



4 territories on site

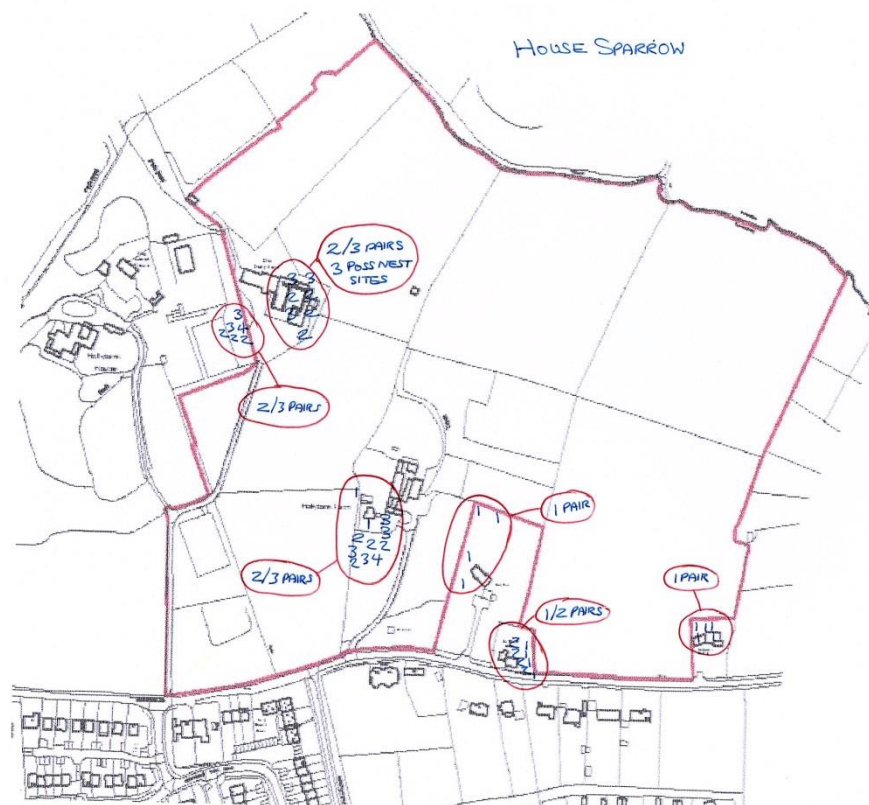
3 territories adjacent

Greenfinch *Carduelis chloris*



1 territory on site

House Sparrow *Passer domesticus*

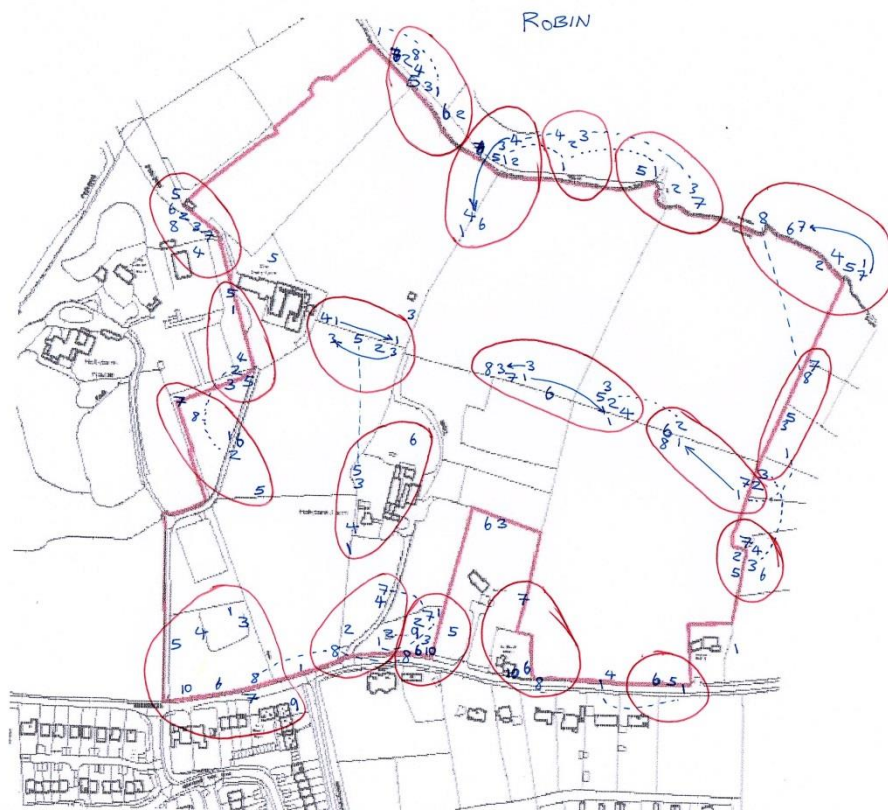


4 – 6 territories on site

5 – 7 territories adjacent

Around the stables of The Old Dairy 2 probable nest sites were observed, at the top of the gable on each end of the main stable building. A third probable nest site was observed by the chimney of the main house.

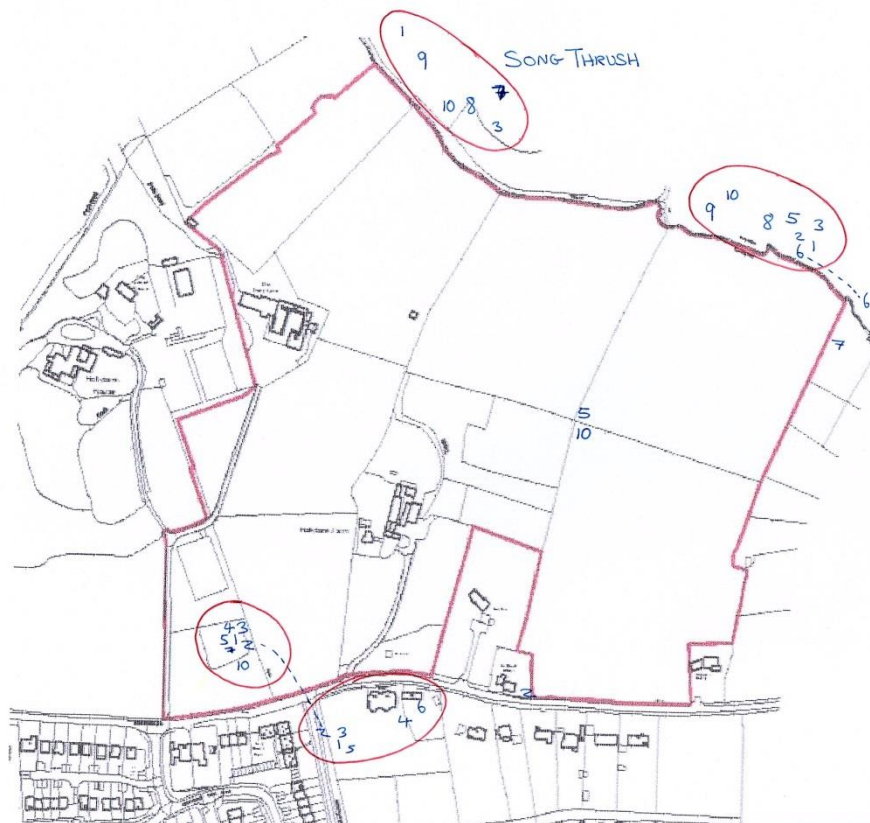
Robin *Erithacus rubecula*



9 territories on site

10 territories adjacent

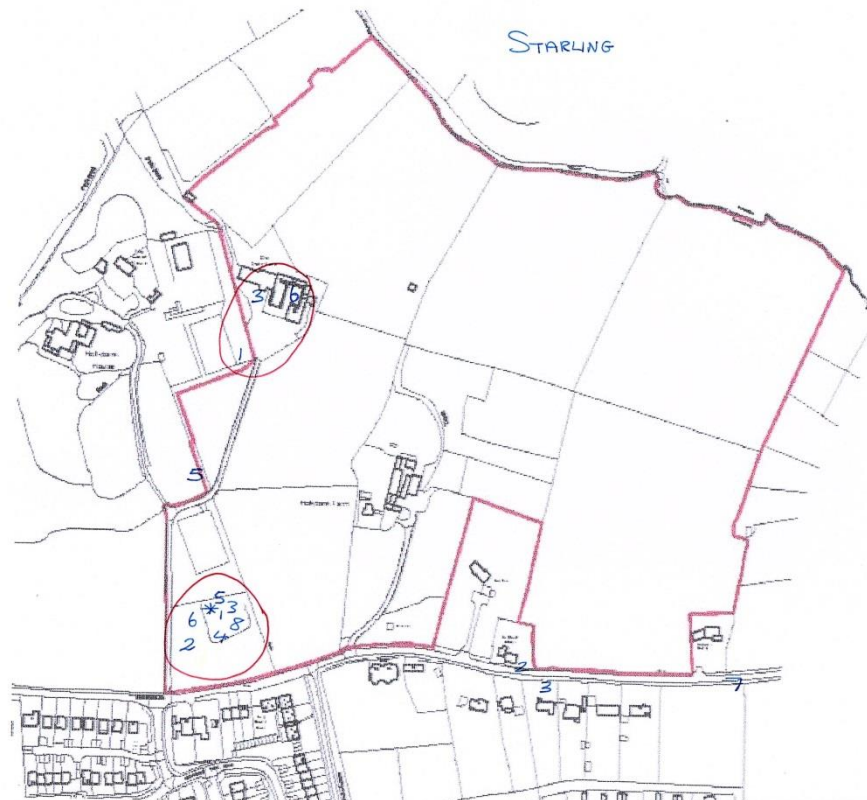
Song Thrush *Turdus philomelos*



1 territory on site

3 territories adjacent

Starling *Sternus vulgaris*



2 territories on site

One confirmed nest site was observed in an old woodpecker hole in the copse at the south west of the site (tree at SU74820793).

Nest is circled in red in photo below.



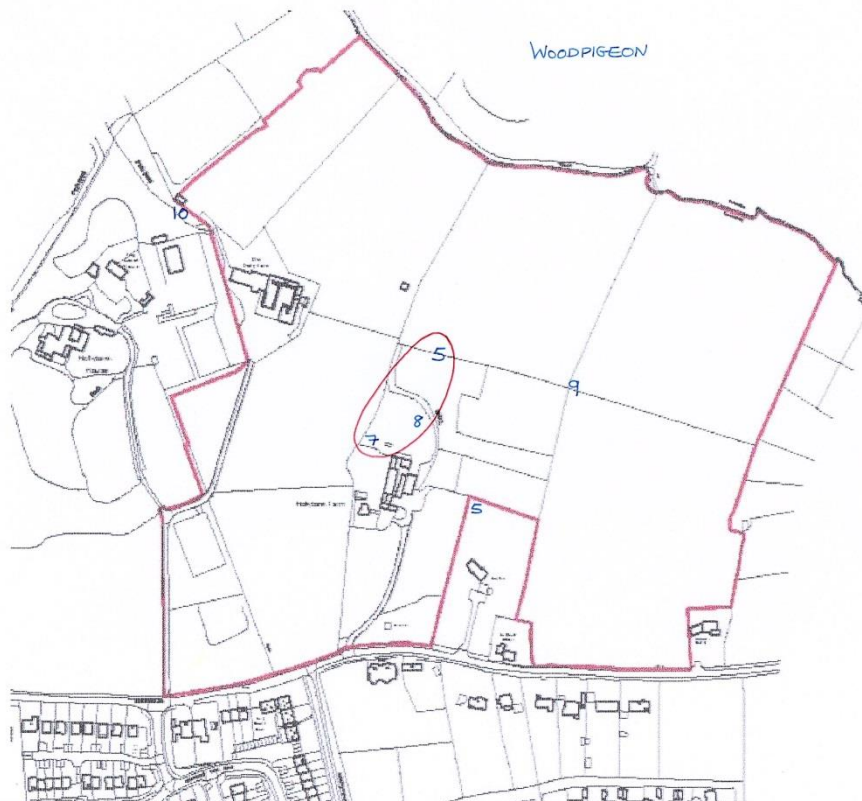


Swallow *Hirundo rustica*



7 active nests in the stables at The Old Dairy

Woodpigeon *Columba palumbus*



1 territory on site

Wren *Troglodytes troglodytes*

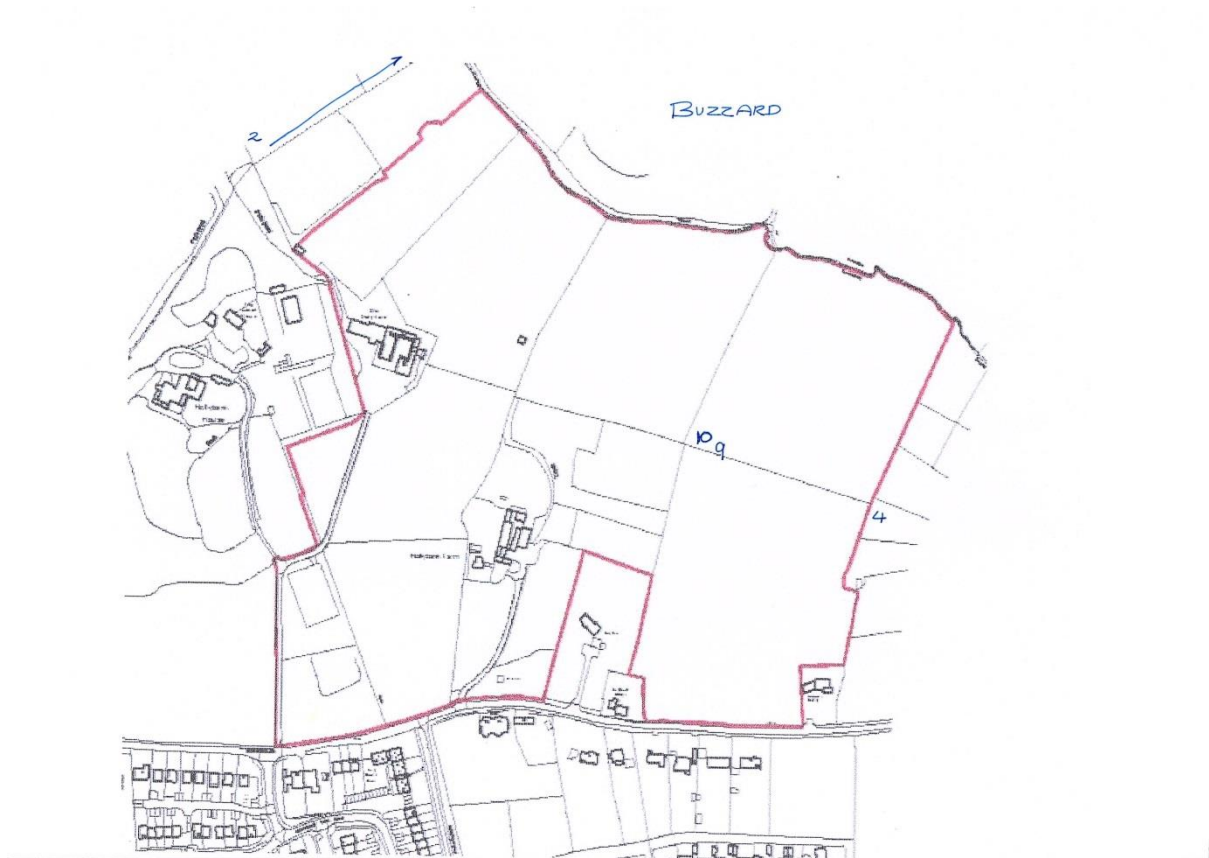


6 territories on site

6 territories adjacent

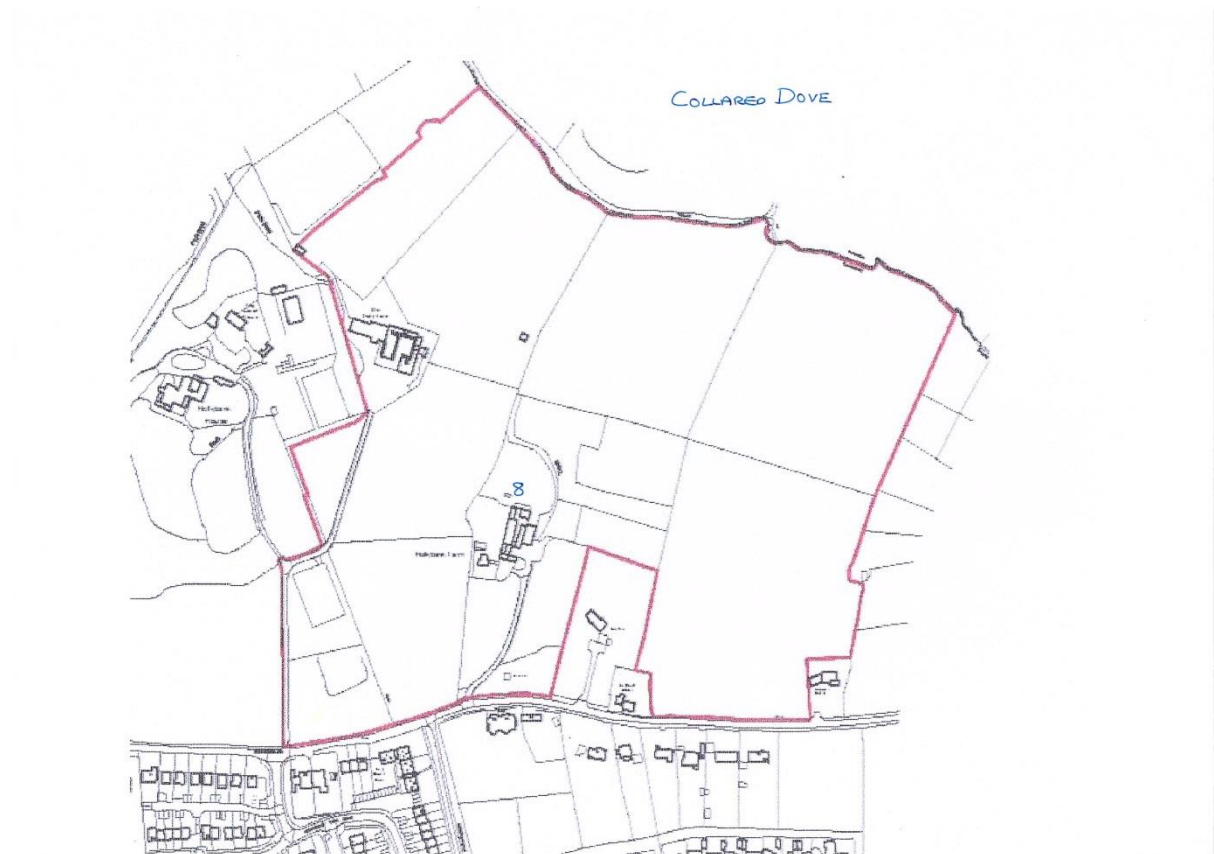
Other sightings, birds not recorded as holding territory

Buzzard *Buteo buteo*



- 2. 1 bird flew north-east (not on site).
- 4. 1 bird perched in tree.
- 9. 1 buzzard seen being mobbed by 2 kestrels.
- 10. 1 bird perched in oak.

Collared Dove *Streptopelia decaocto*



8. 1 bird by Hollybank Farm.

[illegible]

1. Heard in adjacent woodland.
3. Heard in adjacent woodland.
4. 1 bird feeding on ground.

Jay *Garrulus glandarius*



- 7. 1 heard in adjacent woodland.
- 9. 1 bird flew from near Hollybank Farm and flew east.

Kestrel *Falco tinnunculus*

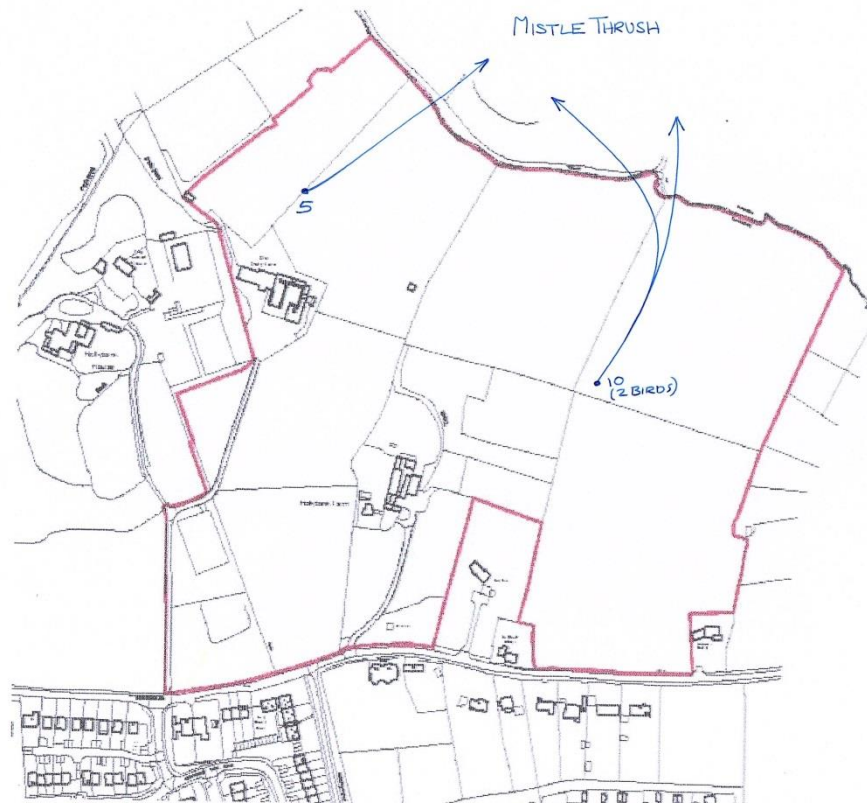


- 4. 1 bird flew onto site and perched in oak.
- 9. 2 birds seen mobbing a buzzard.

Long Tailed Tit *Aegithalos caudatus*

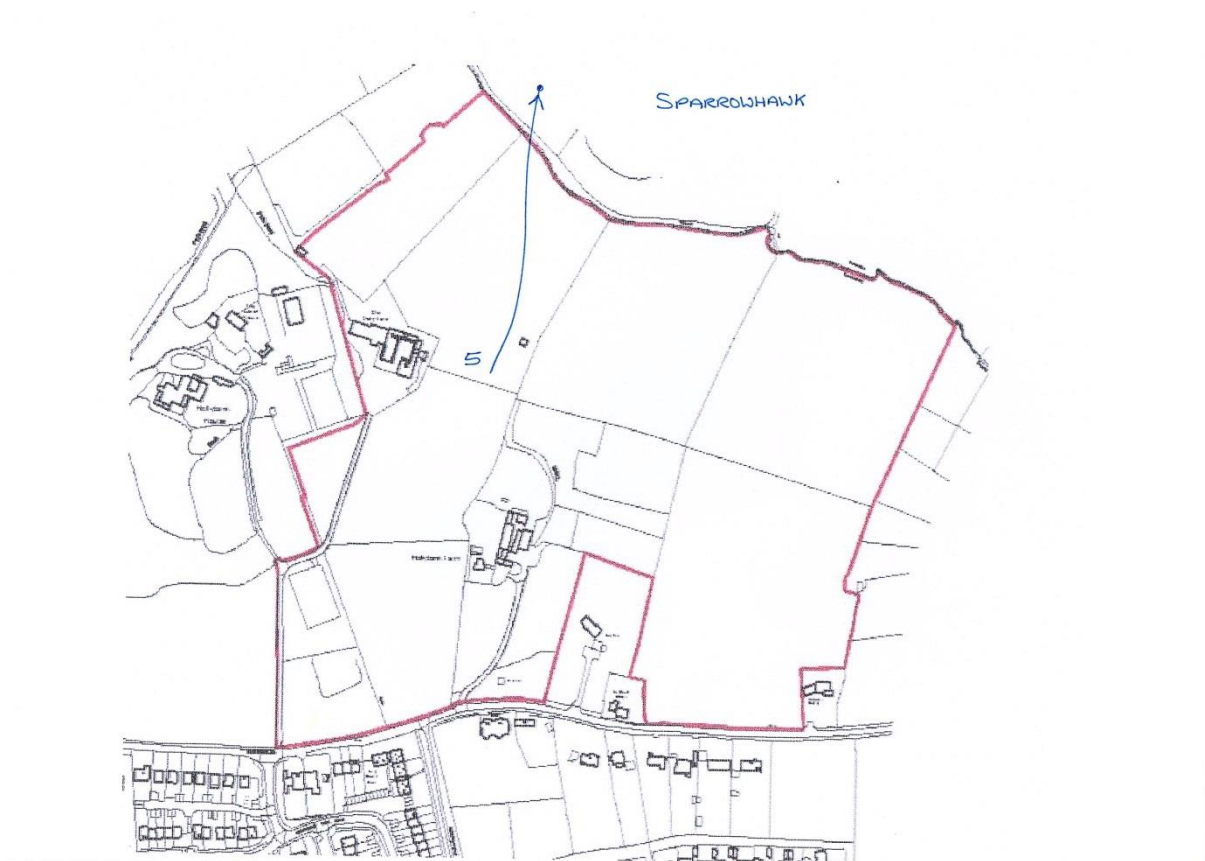


Mistle Thrush *Tudus viscivorus*



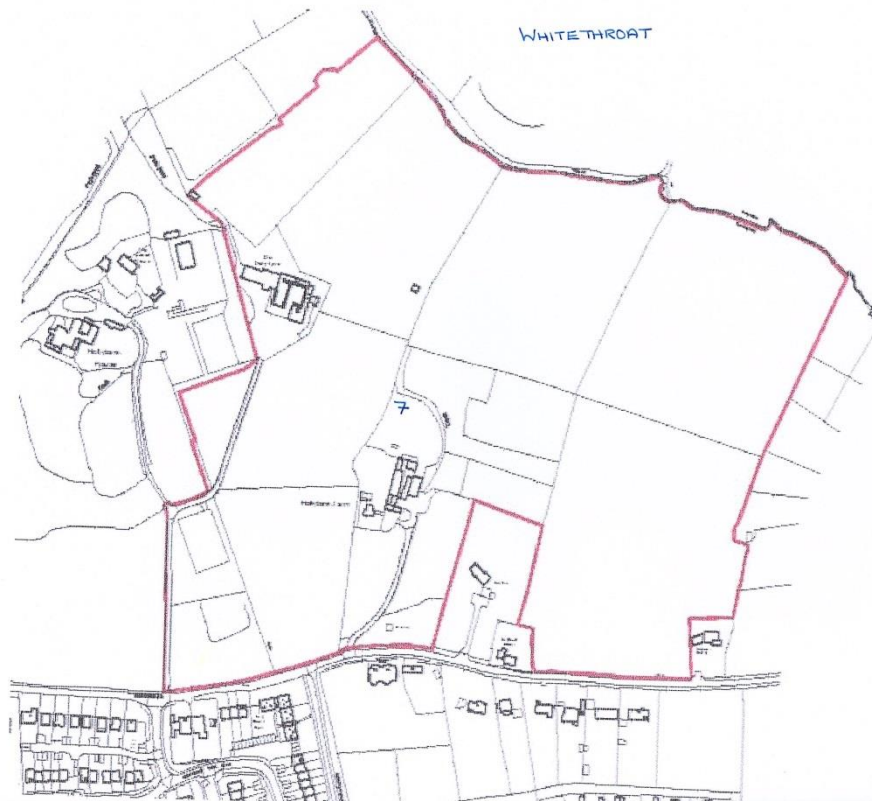
- 5. 1 bird feeding flew north east into woodland.
- 10. 2 birds perched in oak flew off north into woodland.

Sparrowhawk *Accipiter nisus*



5. 1 bird flew north over site into adjacent woodland.

Whitethroat *Sylvia communis*



7. A pair seen in suitable habitat

Appendix

Appendix 1

Survey route (Yellow)



Appendix 2

Survey Timings and Conditions

Survey 1

30/03/2021

Sunrise - 06.43

Start time – 06.45

Start temp - 4°C

End temp - 9°C

Cloud - 0%

Wind - BF 2

Rain - 0

Survey 2

05/04/2021

Sunrise – 06.30

Start time – 06.40

Start temp - 6°C

End temp - 7°C

Cloud - 100%

Wind - BF 2

Rain - 0

Survey 3

13/04/2021

Sunrise – 06.17

Start time – 06.17

Start temp - 1°C

End temp - 2°C

Cloud – 100%

Wind – BF 2

Rain – 0

Survey 4 (Evening survey)

20/04/2021

Sunset – 20.04

Start time – 18.00

Start temp - 11°C

End temp - 9°C

Cloud - 0

Wind – BF 3

Rain - 0

Survey 5

26/04/2021

Sunrise – 05.46

Start time – 05.55

Start temp - 3°C

End temp - 6°C

Cloud - 0

Wind – BF 3

Rain - 0

Survey 6

11/05/2021

Sunrise – 05.20

Start time – 05.30

Start temp - 9°C

End temp - 14°C

Cloud – 80%

Wind – BF 1

Rain – 0

Survey 7

25/05/2021

Sunrise – 05.02

Start time – 05.30

Start temp -10°C

End temp - 14°C

Cloud – 0%

Wind – BF1

Rain – 0

Survey 8

05/06/2021

Sunrise – 04.51

Start time – 05.00

Start temp -10°C

End temp - 16°C

Cloud – 0

Wind – BF 1

Rain – 0

Survey 9

15/06/2021

Sunrise – 04.49

Start time – 05.10

Start temp - 16°C

End temp - 20°C

Cloud – 80%

Wind – BF 3

Rain – 0

Survey 10

29/06/2021

Sunrise – 04.53

Start time – 05.05

Start temp - 15°C

End temp - 16°C

Cloud – 100%

Wind – BF 0

Rain – Light rain on and off throughout survey

Appendix 3.

Summary of territories recorded

Species		Onsite	Adjacent
Blackbird	<i>Turdus merula</i>	4	5
Blackcap	<i>Sylvia atricapilla</i>	1	1
Blut Tit	<i>Parus caeruleus</i>	8	9
Chaffinch	<i>Fringilla coelebs</i>	0	1
Chiffchaff	<i>Phylloscopus collbita</i>	2	2
Coal Tit	<i>Parus ater</i>	1	0
Dunnock	<i>Prunella modularis</i>	5	3
Goldfinch	<i>Carduelis carduelis</i>	1	0
Great Spotted Woodpecker	<i>Dendrocopos major</i>	1	1
Great Tit	<i>Parus major</i>	4	3
Greenfinch	<i>Carduelis chloris</i>	1	0
House Sparrow	<i>Passer domesticus</i>	4-6	5-7
Robin	<i>Erithacus rubecula</i>	9	10
Song Thrush	<i>Turdus philomelos</i>	1	3
Starling	<i>Sternus vulgaris</i>	2	0
Swallow	<i>Hirundo rustica</i>	7	0
WoodPigeon	<i>Columba palumbus</i>	1	0
Wren	<i>Troglodytes troglodytes</i>	6	6