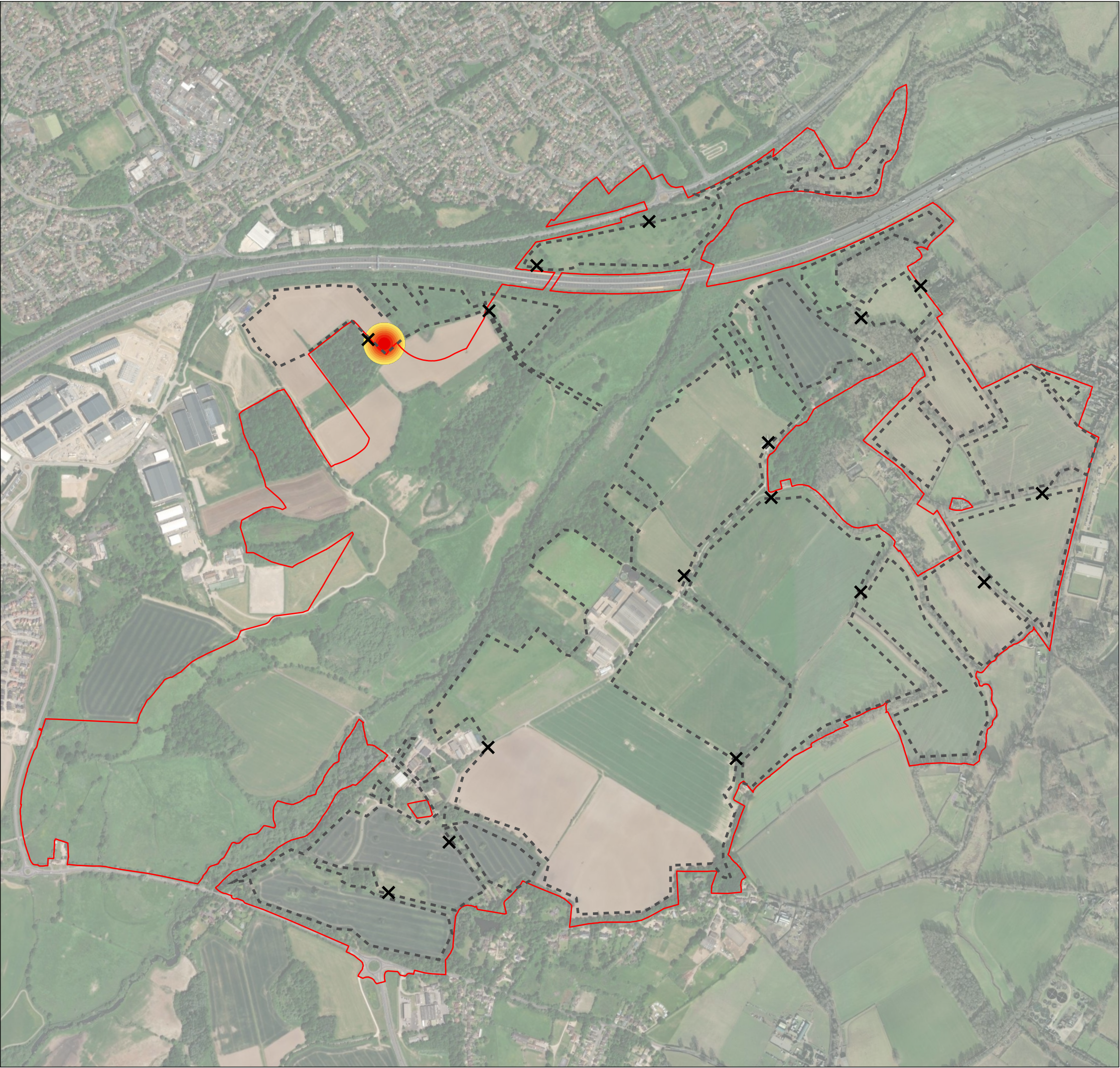




MAP 11.12.12h Relative Bat Activity of Unidentified Bats 2024

KEY

- Site boundary
- Fixed point survey locations
- Transect routes

Number of Bat Passes per m²

	0 - 0.000018811
	0.000018811 - 0.000037622
	0.000037622 - 0.000056434
	0.000056434 - 0.000075245
	0.000075245 - 0.000094056
	0.000094056 - 0.000112867
	0.000112867 - 0.000131679
	0.000131679 - 0.00015049
	0.00015049 - 0.000169301

SCALE: 1:11,000 at A3

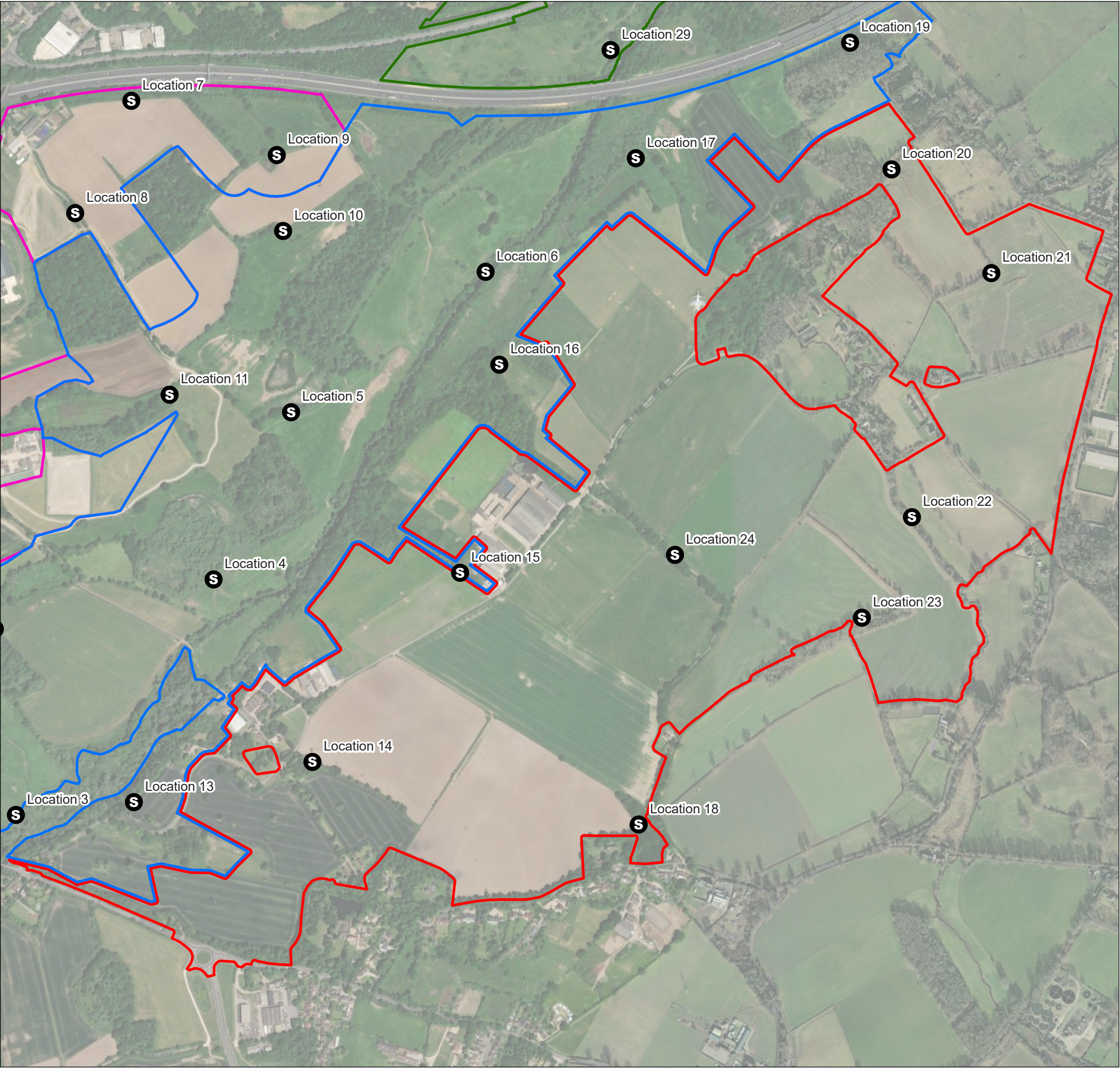
0 100 200 300 400 500 Metres



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MAP 11.12.13 Static Detector Locations - Hall Farm

KEY

- Eco Valley
- Hall Farm
- Innovation Valley
- North of M4
- Automated Detector Location

SCALE: 1:8,750 at A3

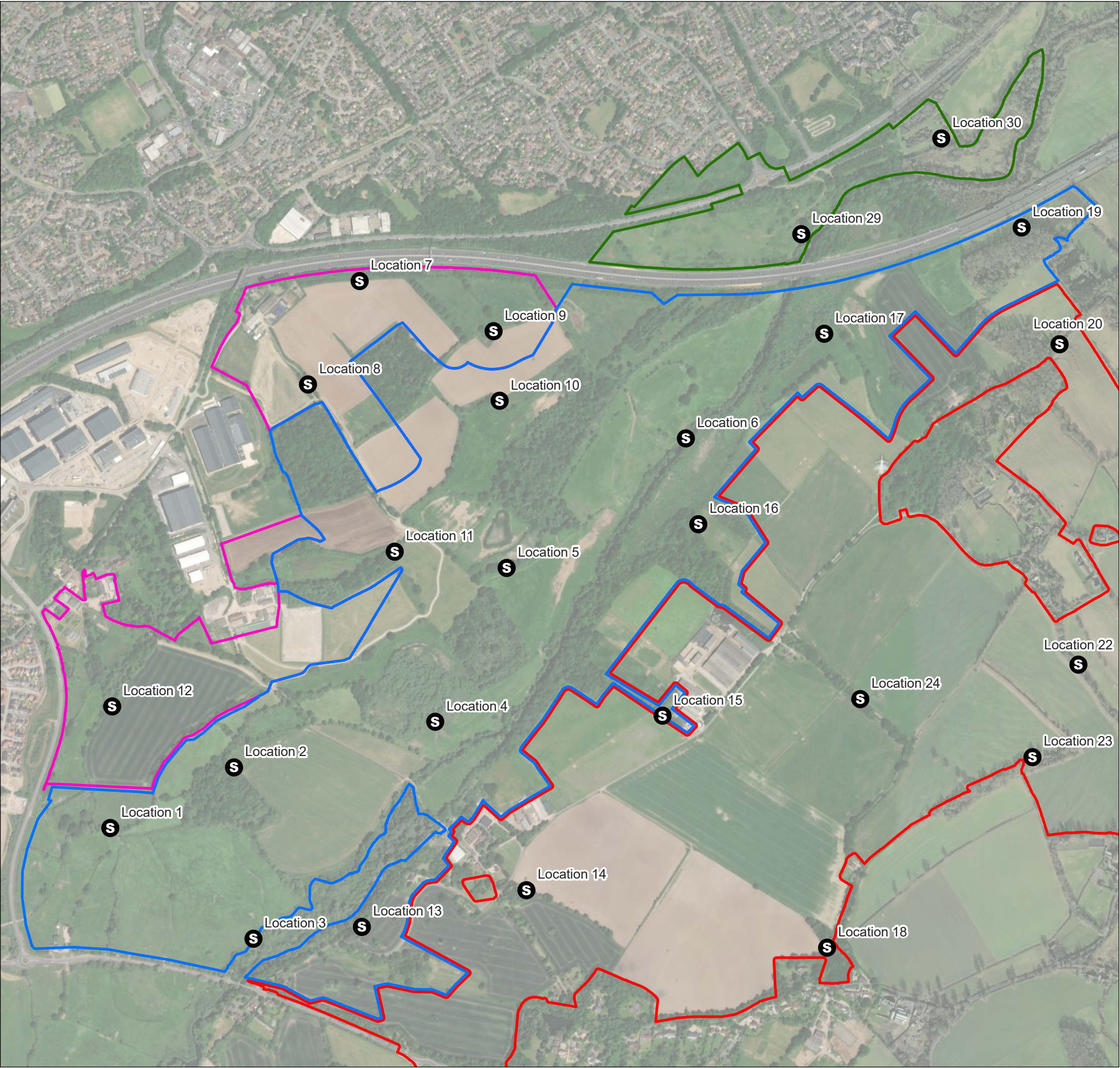
0 100 200 300 400 500 Metres



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MAP 11.12.14 Static Detector Locations -
Eco Valley, Innovation
Valley and North of M4

KEY

- Eco Valley
- Hall Farm
- Innovation Valley
- North of M4
- Automated Detector Location

SCALE: 1:9,500 at A3

0 100 200 300 400 500 Metres

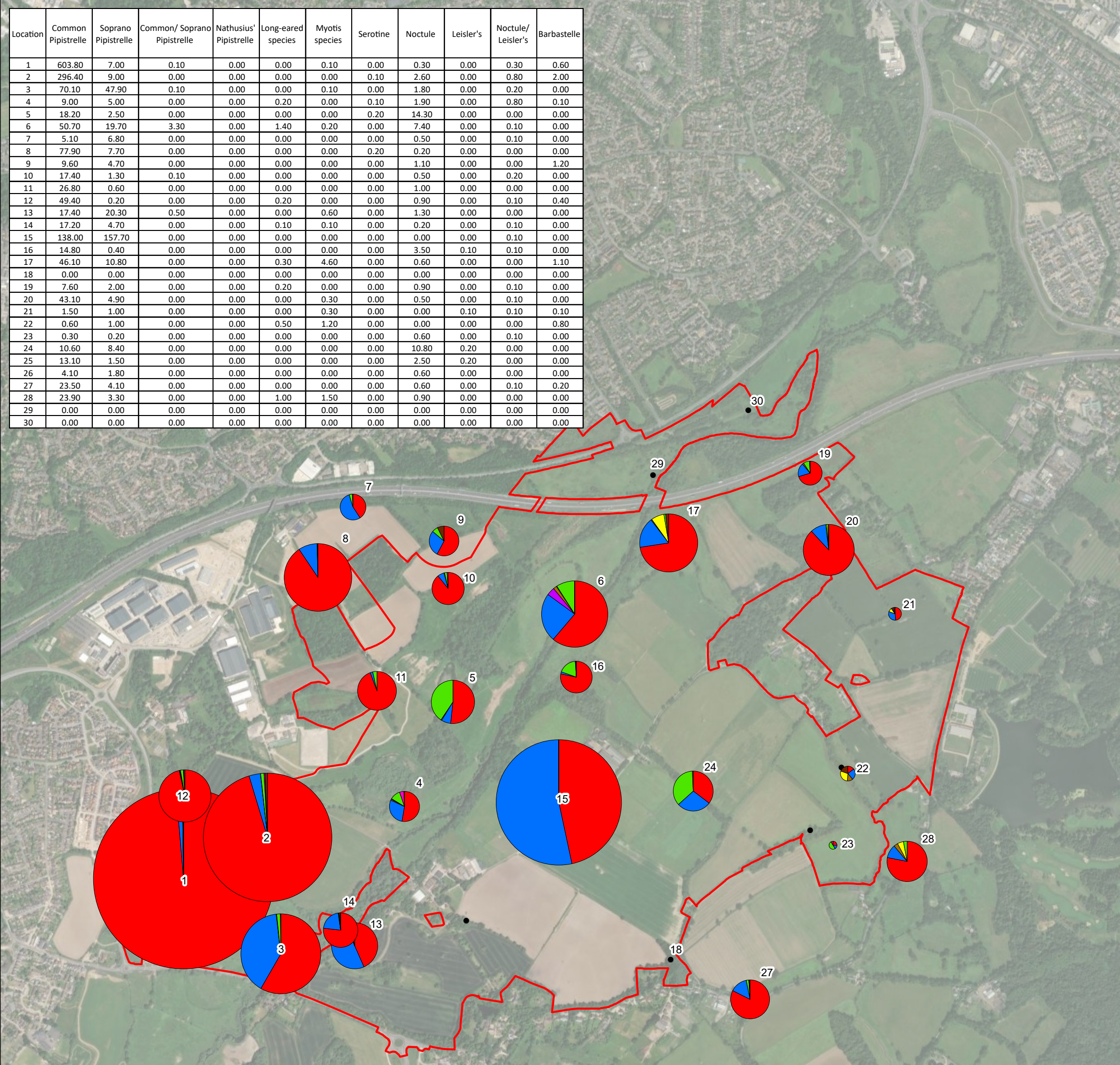


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DATE: 30 July 2025

Location	Common Pipistrelle	Soprano Pipistrelle	Common/ Soprano Pipistrelle	Nathusius' Pipistrelle	Long-eared species	Myotis species	Serotine	Noctule	Leisler's	Noctule/ Leisler's	Barbastelle
1	603.80	7.00	0.10	0.00	0.00	0.10	0.00	0.30	0.00	0.30	0.60
2	296.40	9.00	0.00	0.00	0.00	0.00	0.10	2.60	0.00	0.80	2.00
3	70.10	47.90	0.10	0.00	0.00	0.10	0.00	1.80	0.00	0.20	0.00
4	9.00	5.00	0.00	0.00	0.20	0.00	0.10	1.90	0.00	0.80	0.10
5	18.20	2.50	0.00	0.00	0.00	0.00	0.20	14.30	0.00	0.00	0.00
6	50.70	19.70	3.30	0.00	1.40	0.20	0.00	7.40	0.00	0.10	0.00
7	5.10	6.80	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.10	0.00
8	77.90	7.70	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.00	0.00
9	9.60	4.70	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	1.20
10	17.40	1.30	0.10	0.00	0.00	0.00	0.00	0.50	0.00	0.20	0.00
11	26.80	0.60	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
12	49.40	0.20	0.00	0.00	0.20	0.00	0.00	0.90	0.00	0.10	0.40
13	17.40	20.30	0.50	0.00	0.00	0.60	0.00	1.30	0.00	0.00	0.00
14	17.20	4.70	0.00	0.00	0.10	0.10	0.00	0.20	0.00	0.10	0.00
15	138.00	157.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
16	14.80	0.40	0.00	0.00	0.00	0.00	0.00	3.50	0.10	0.10	0.00
17	46.10	10.80	0.00	0.00	0.30	4.60	0.00	0.60	0.00	0.00	1.10
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	7.60	2.00	0.00	0.00	0.20	0.00	0.00	0.90	0.00	0.10	0.00
20	43.10	4.90	0.00	0.00	0.00	0.30	0.00	0.50	0.00	0.10	0.00
21	1.50	1.00	0.00	0.00	0.00	0.30	0.00	0.00	0.10	0.10	0.10
22	0.60	1.00	0.00	0.00	0.50	1.20	0.00	0.00	0.00	0.00	0.80
23	0.30	0.20	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.10	0.00
24	10.60	8.40	0.00	0.00	0.00	0.00	0.00	10.80	0.20	0.00	0.00
25	13.10	1.50	0.00	0.00	0.00	0.00	0.00	2.50	0.20	0.00	0.00
26	4.10	1.80	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
27	23.50	4.10	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.10	0.20
28	23.90	3.30	0.00	0.00	1.00	1.50	0.00	0.90	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



MAP 11.12.15a Automated Static Detector
Results April 2022

KEY

Site boundary

1-30 Static bat detector locations & reference

Bat species/species group:

Common Pipistrelle

Soprano Pipistrelle

Common/Soprano Pipistrelle

Long-eared species

Myotis species

Serotine

Noctule

Leisler's

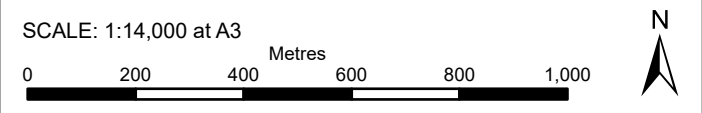
Noctule/Leisler's

Barbastelle

No passes detected

754540540

Pie charts produced from data table shown, which represents the relative bat activity for April 2022 expressed as the total number of bat passes per night for each species/species group at each static detector location



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DATE: 30 July 2025

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Aerial Image: Maxar, Microsoft

P22/01

Location	Common Pipistrelle	Soprano Pipistrelle	Common/ Soprano Pipistrelle	Nathusius' Pipistrelle	Long-eared species	Myotis species	Serotine	Noctule	Leisler's	Noctule/ Leisler's	Barbastelle
1	409.70	7.50	1.40	1.10	0.70	0.30	0.30	1.30	0.00	0.40	0.40
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	132.80	23.60	0.80	0.00	1.60	3.40	0.20	0.70	0.00	0.20	0.50
4	124.70	9.20	0.30	0.00	2.40	0.80	0.10	4.70	0.00	0.10	0.00
5	92.90	2.50	0.00	0.00	0.20	0.10	0.00	1.10	0.00	0.30	0.00
6	27.40	5.00	0.00	0.00	0.00	0.50	0.20	12.30	0.00	0.00	0.30
7	21.40	4.80	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.10	0.00
8	276.20	89.80	0.70	0.60	0.10	0.00	0.00	0.80	0.00	1.60	0.10
9	188.40	9.30	0.00	0.00	0.30	0.30	0.00	0.30	0.00	0.30	0.00
10	245.10	3.30	0.30	0.10	0.90	0.50	0.20	1.70	0.00	0.30	0.00
11	72.00	9.60	0.00	0.00	0.30	0.30	0.00	0.30	0.00	0.20	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	40.80	51.70	1.70	0.00	0.20	0.20	0.30	8.40	0.00	0.40	0.00
14	55.30	60.20	0.00	0.00	0.20	0.90	0.20	1.80	0.00	0.00	0.00
15	19.80	5.40	0.00	0.00	0.10	0.10	0.30	0.80	0.00	0.10	0.00
16	353.10	7.20	0.00	0.00	0.40	2.20	1.30	14.30	0.00	0.10	0.10
17	11.90	3.40	0.00	0.00	0.00	0.40	0.00	1.30	0.00	0.00	0.00
18	301.20	16.00	0.00	0.00	0.10	1.30	0.90	1.50	0.00	0.10	0.00
19	13.70	0.90	0.10	0.00	0.10	0.00	0.10	1.60	0.00	0.10	0.00
20	5.00	1.60	0.10	0.00	0.00	0.10	0.00	1.10	0.00	0.30	0.20
21	232.43	34.64	0.00	0.00	0.00	0.29	0.07	0.00	0.00	0.07	0.36
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	11.50	3.93	0.14	0.00	0.00	0.00	0.00	0.57	0.00	0.14	0.00
24	18.79	15.43	0.36	0.14	0.00	0.00	0.00	0.86	0.07	0.21	0.00
25	5.30	5.80	0.00	0.00	0.00	0.00	0.00	0.20	0.10	0.10	0.00
26	22.60	1.50	0.10	0.00	0.30	0.00	0.00	3.40	0.00	0.10	0.00
27	154.10	19.70	0.00	0.00	0.40	0.00	0.10	1.40	0.10	1.40	0.70
28	73.10	15.00	2.90	0.00	2.00	1.40	0.20	13.20	0.10	4.10	0.00
29	4.67	2.00	0.00	0.00	0.00	0.00	0.00	4.67	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

The map displays the spatial distribution of bat species across 30 numbered locations. Each location is marked with a pie chart where the segments represent the relative abundance of different bat species: Common Pipistrelle (red), Soprano Pipistrelle (blue), Nathusius' Pipistrelle (green), Long-eared species (yellow), Myotis species (orange), Serotine (purple), Noctule (brown), Leisler's (pink), Noctule/Leisler's (grey), and Barbastelle (white). The size of the pie chart indicates the total relative abundance at that location. A red outline delineates the study area, which includes a mix of agricultural fields, forests, and some built-up areas. A road and a river are also visible in the background.

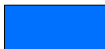
MAP 11.12.15b Automated Static Detector
Results May 2022

KEY

 Site boundary

1-30 Static bat detector locations & reference

Bat species/species group:

	Common Pipistrelle
	Soprano Pipistrelle
	Common/Soprano Pipistrelle
	Nathusius' Pipistrelle
	Long-eared species
	Myotis species
	Serotine
	Noctule
	Leisler's
	Noctule/Leisler's
	Barbastelle
	No passes detected

Pie charts produced from data table shown, which represents the relative bat activity for May 2022 expressed as the total number of bat passes per night for each species/species group at each static detector location

SCALE: 1:14,000 at A3



CLIENT: University of Reading

PROJECT: Loddon Garden Village

DATE: 30 July 2025

Y:\Loddon Garden Village, Shinfield 2201025\Planning Application\Technical Appendices\Bath\Map11.12.15b_AutomatedStaticDetectorResultsMay2022_P2342_3005_300725.aprx

Aerial Image: Maxar, Microsoft

22/01