

## Plans

- Plan EDP 1** Updated Phase 1 Habitat Features Plan (June 2013)  
(EDP124/56b 21 January 2014 TB/JB)
- Plan EDP 2** Bat Transect Routes 2013  
(EDP124/78a 29 January 2014 DS/JB)
- Plan EDP 3** Great Crested Newt Survey Area and Pond Locations  
(EDP124/88 23 January 2014 JW/TW)
- Plan EDP 4** Reptile Survey Area and Refugia Locations 2013  
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- Plan EDP 5** Grassland NVC Communities  
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- Plan EDP 6** Tree Bat Roosting Assessment 2013  
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- Plan EDP 10** Reptile Survey Results 2013  
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- Plan EDP 11** Black Hairstreak, Brown Hairstreak and Small Heath  
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(EDP124/98 30 January 2014 GC/TW)
- Plan EDP 12** Butterfly Conservation Brown and Black Hairstreak Records  
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- Plan EDP 13** White-Letter Hairstreak Survey 2011  
(EDP124/96 30 January 2014 GC/TW)
- Plan EDP 14** White-Letter Hairstreak Survey 2013  
(EDP124/97 30 January 2014 GC/TW)

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- Site Boundary
- Broadleaved Tree
- Broadleaved woodland
- Continuous scrub
- x x Scattered scrub
- SI Semi-improved grassland
- SI Poor Semi-improved grassland
- Tall ruderal
- Marshy Grassland
- H8 Hedgerow ID
- F1 Field ID
- Species poor hedgerow
- Species rich hedgerow with trees
- P1 Ponds
- Swamp
- Dry ditch
- Wet ditch
- Fence

**Note:**  
Habitat mapping should be treated as indicative only. For detailed mapping of grassland NVC communities refer to EDP 124/94



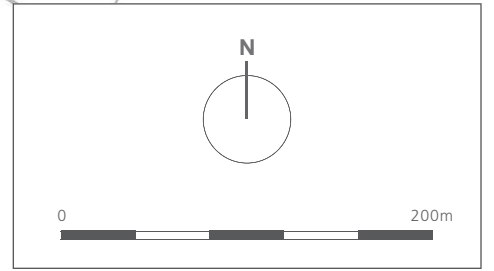
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Gloucestershire, GL7 5EG t 01285 740427 f 01285 740848  
e info@edp-uk.co.uk www.edp-uk.co.uk

client  
**Gallagher Estates Ltd**

project title  
**Land North of Gavray Drive,  
Bicester, Oxfordshire**

drawing title  
**Plan EDP 1: Updated Phase 1 Habitat  
Features Plan (June 2013)**

date	21 JANUARY 2014	drawn by	TB
drawing number	edp124/56b	checked	JB
scale	NTS		





- Site Boundary
- Transect Route 1 (2.07km)
- Transect Route 2 (1.98km)
- Transect Route 3 (1.99km)
- Transect Route 4 (1.92km)
- Listening Stop



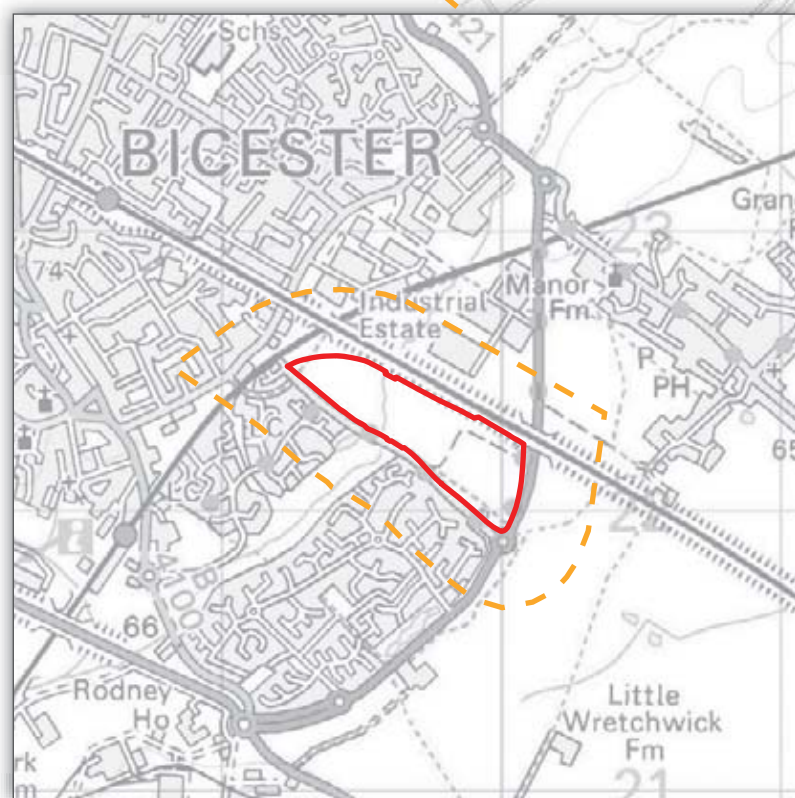
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 e info@edp-uk.co.uk www.edp-uk.co.uk




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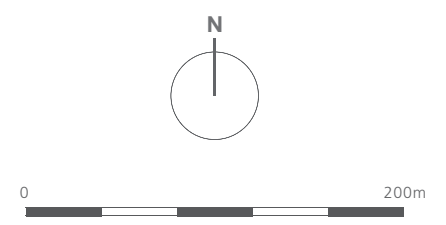
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**Land North of Gavray Drive,  
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drawing title  
**Plan EDP 2: Bat Transect Routes 2013**

date	29 JANUARY 2014	drawn by	DS
drawing number	EDP 124/78a	checked	JB
scale	NTS		



-  Site Boundary
-  250m Site radius
-  P1 Pond locations

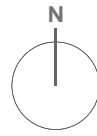


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 Gloucestershire, GL7 5EG t 01285 740427 f 01285 740848  
 e info@edp-uk.co.uk www.edp-uk.co.uk

client	<b>Gallagher Estates Ltd</b>		
project title	<b>Land North of Gavray Drive, Bicester, Oxfordshire</b>		
drawing title	<b>Plan EDP 3: Great Crested Newt Survey Area and Pond Locations</b>		
date	23 JANUARY 2014	drawn by	JW
drawing number	EDP 124/88	checked	TW
scale	NTS		



- Site Boundary
- ① Location and number of 500x500mm bitumen felt reptile refugia deployed 16th-17th May 2013
- ① Location and number of 500x500mm bitumen felt reptile refugia deployed 21st May 2013
- ① Location and number of 500x500mm bitumen felt reptile refugia deployed 21st June 2013
- X Location of corrugated galvanised steel reptile refugia deployed 4th-5th June 2013



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 Gloucestershire, GL7 5EG t 01285 740427 f 01285 740848  
 e info@edp-uk.co.uk www.edp-uk.co.uk

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project title

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drawing title

**Plan EDP 4: Reptile Survey Area  
 and Refugia Locations 2013**

date	27 JANUARY 2014	drawn by	JW
drawing number	EDP 124/93	checked	TW
scale	NTS		

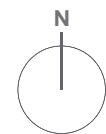


**NVC Grassland Communities**

- MG4 *Alopecurus pratensis*  
*Sanguisorba officinalis*  
grassland
- MG6 *Lolium perenne*  
*Cynosurus cristatus*  
grassland.
- MG9 *Holcus lanatus*  
*Deschampsia cespitosa*  
grassland
- MG10 *Holcus lanatus*  
*Juncus effusus*  
rush-pasture
- S28 *Phalaris arundinacea*  
tall herb fen
- U4 *Festuca ovina*  
*Agrostis capillaris*  
*Galium saxatile*  
grassland

**Note:**

Further details of NVC grassland communities provided in full in: "Broadview Ecological Consultants 'Analysis of grassland plant communities at Gavray Drive, Bicester. Report Ref R-13-003"



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client

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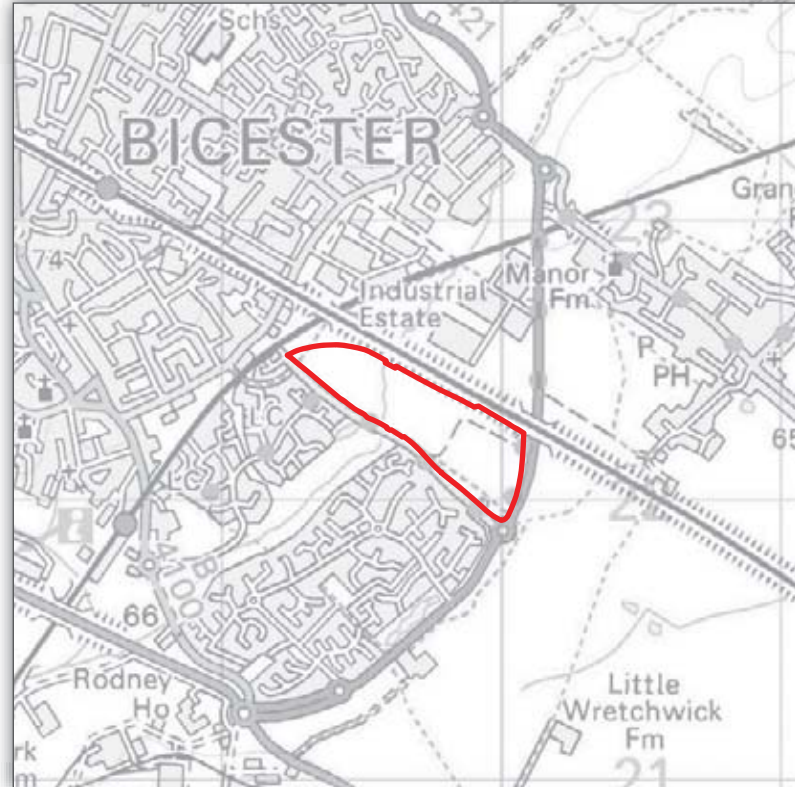
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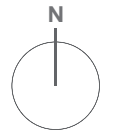
drawing title

**Plan EDP 5: Grassland NVC  
Communities**

date	28 JANUARY 2014	drawn by	TB
drawing number	EDP 124/94	checked	JB
scale	nts		



- Site Boundary
  
- Trees with Bat Roosting Potential
- High
- Medium
- Low
  
- Broadleaved woodland
- H8 Hedgerow ID
- F1 Field ID
- Species poor hedgerow
- Species rich hedgerow with trees

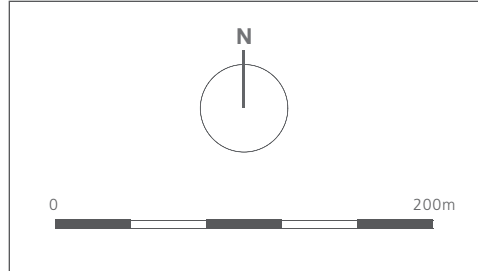


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 e info@edp-uk.co.uk www.edp-uk.co.uk

client	<b>Gallagher Estates Ltd</b>
project title	<b>Land North of Gavray Drive, Bicester, Oxfordshire</b>
drawing title	<b>Plan EDP 6: Tree Bat Roosting Assessment 2013</b>

date	24 JANUARY 2014	drawn by	JW
drawing number	EDP 124/89	checked	TW
scale	NTS		

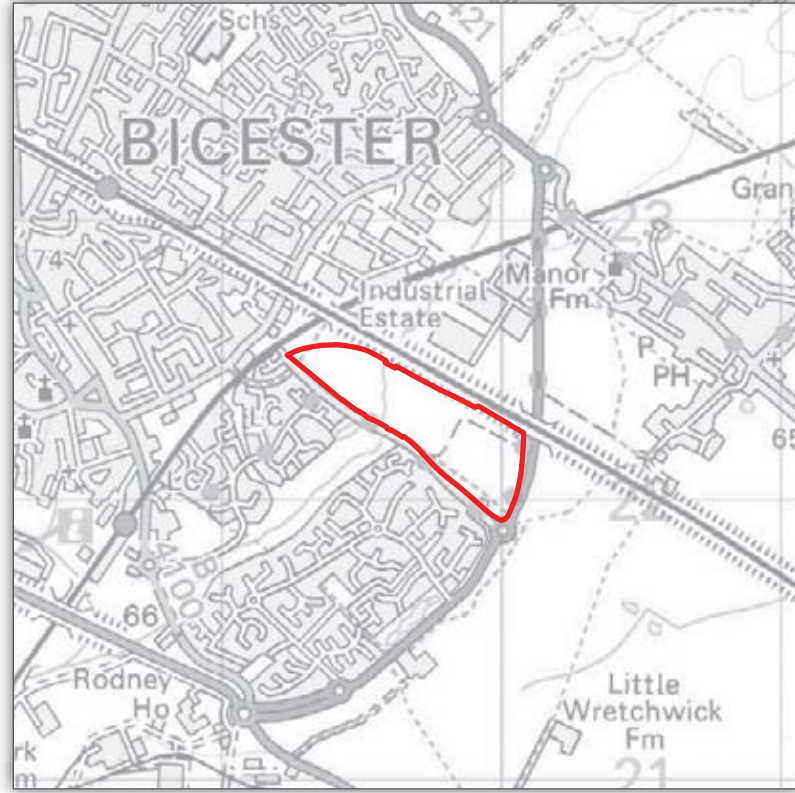
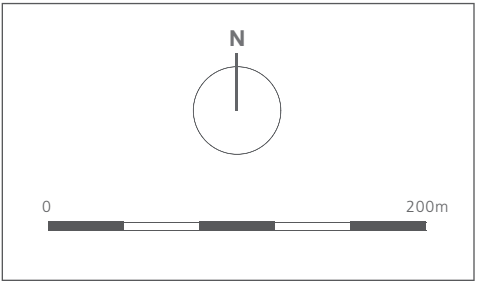




- Site Boundary
- Common pipistrelle
- Soprano pipistrelle
- Myotis Sp.
- Long-eared Sp.
- Pipistrelle Sp.
- Bat commuting (one chevron per bat)
- ↻ Foraging Behaviour
- ↔ Foraging Behaviour
- Broadleaved woodland
- H8 Hedgerow ID
- F1 Field ID
- Species poor hedgerow
- Species rich hedgerow with trees

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 e info@edp-uk.co.uk www.edp-uk.co.uk

client	<b>Gallagher Estates Ltd</b>
project title	<b>Land North of Gavray Drive, Bicester, Oxfordshire</b>
drawing title	<b>Plan EDP 7: Bat Transect Survey Results: June 2013</b>
date	27 JANUARY 2014
drawing number	EDP 124/90
scale	NTS
drawn by	JW
checked	TW



- Site Boundary
- Dusk  
Dawn
- Common pipistrelle
- Myotis Sp.
- Noctule
- Leisler's bat
- Long-eared bat Sp.
- ↔ Bat commuting (one chevron per bat)
- ⤵ Foraging Behaviour
- ↔ Foraging Behaviour
- Broadleaved woodland
- H8 Hedgerow ID
- F1 Field ID
- Species poor hedgerow
- || Species rich hedgerow with trees

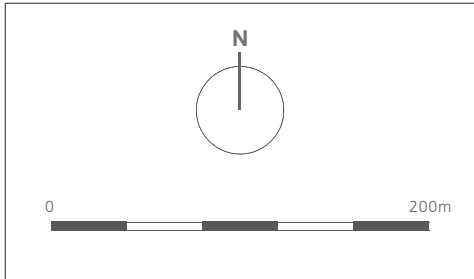
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 e info@edp-uk.co.uk www.edp-uk.co.uk

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project title  
**Land North of Gavray Drive,  
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drawing title  
**Plan EDP 8: Bat Dusk/Dawn Transect  
 Survey Results: July 2013**

date	27 JANUARY 2014	drawn by	JW
drawing number	EDP 124/91	checked	TW
scale	NTS		



- Site Boundary
  
- Common pipistrelle
- Soprano pip.
- Myotis Sp.
- Noctule
  
- Bat commuting (one chevron per bat)
- ↻ Foraging Behaviour
- ↔ Foraging Behaviour
  
- Broadleaved woodland
- H8 Hedgerow ID
- F1 Field ID
- Species poor hedgerow
- 🌳 Species rich hedgerow with trees

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**Land North of Gavray Drive,  
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drawing title  
**Plan EDP 9: Bat Transect Survey  
 Results: August 2013**

date	27 JANUARY 2014	drawn by	JW
drawing number	EDP 124/92	checked	TW
scale	NTS		



Site Boundary

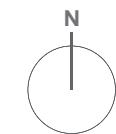
Field Number

Relative Importance of Fields for Widespread Reptiles as Determined by Peak Survey Counts of Common Lizards

High (> 20)

Medium (5 - 20)

Low (< 5)



0 200m



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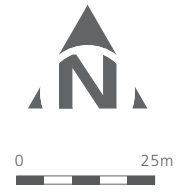
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**Plan EDP 10: Reptile Survey  
 Results 2013**

date	29 JANUARY 2014	drawn by	TB
drawing number	EDP 124/95	checked	JB
scale	NTS		



- Site Boundary
- Blackthorn Patches Surveyed for Black Hairstreak Adults 2011 & 2013
- B Possible Black Hairstreak Sighting 05/07/08
- 2 Blackthorn Patches Surveyed for Brown Hairstreak Eggs 2013 (and no. of eggs found)
- Grassland Areas Surveyed for Small Heath 2011 & 2013
- H Small Heath Adults Recorded (date)



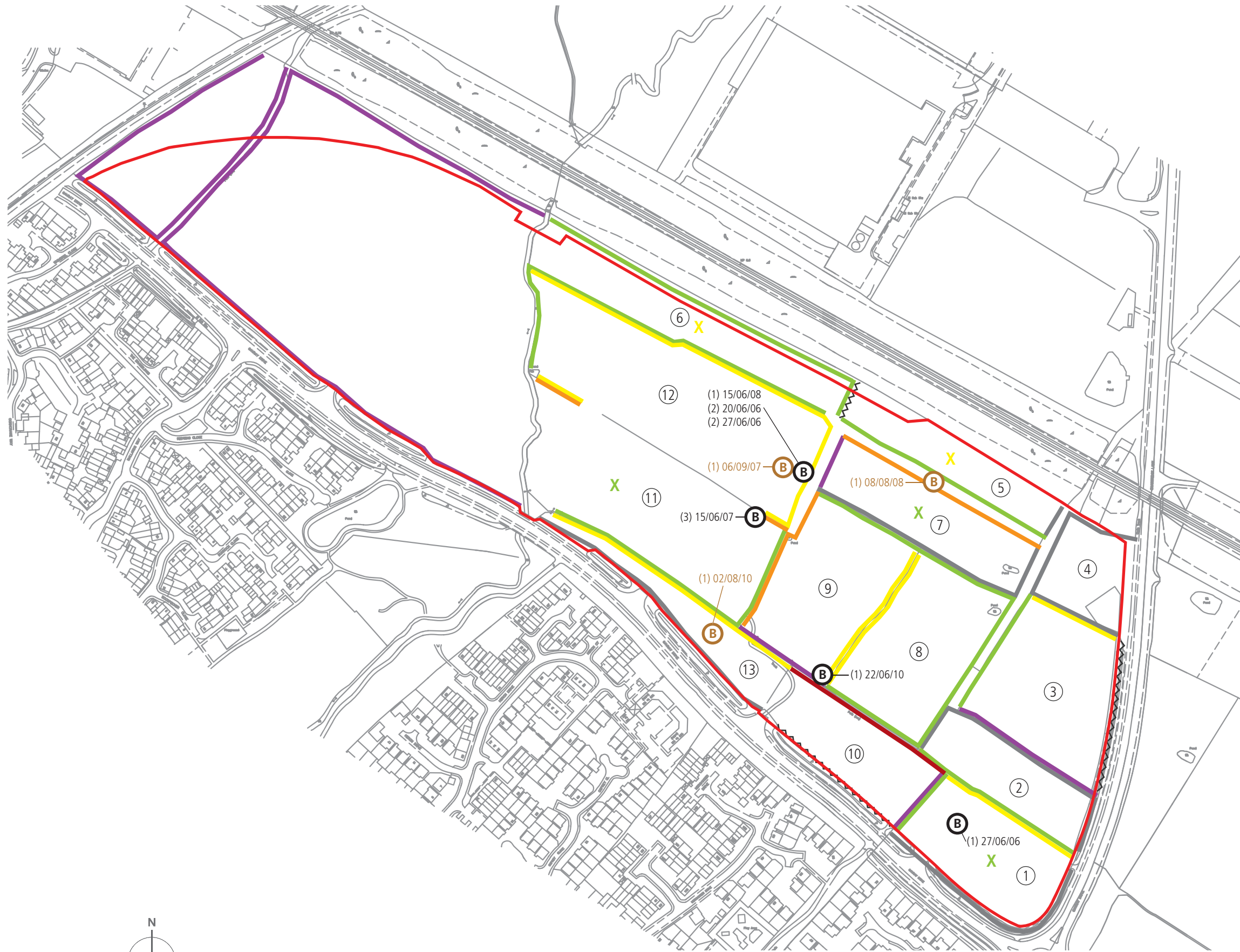
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 e info@edp-uk.co.uk www.edp-uk.co.uk

client  
**Gallagher Estates Ltd**

project title  
**Land North of Gavray Drive,  
 Bicester, Oxfordshire**

drawing title  
**Plan EDP 11: Black Hairstreak, Brown  
 Hairstreak and Small Heath Surveys  
 2011 & 2013**

date	30 JANUARY 2014	drawn by	GC
drawing number	EDP 124/98	checked	TW
scale	as shown		



- Site Boundary
- Brown Hairstreak egg search 2010/11**
- Eggs found in hedgerow/scrub edge:
  - Edge inaccessible
  - 0 eggs found
  - 1-10 eggs found
  - 11-30 eggs found
  - 31-50 eggs found
  - 50+ eggs found
  - Hedgerow without blackthorn
- Eggs found in scrub within field:
  - X 1-10 eggs found
  - X 11-30 eggs found

- Brown and black hairstreak adult sightings (2005-10) - Locations approximate
- B Brown hairstreak
  - B Black hairstreak
  - 3 Field numbers

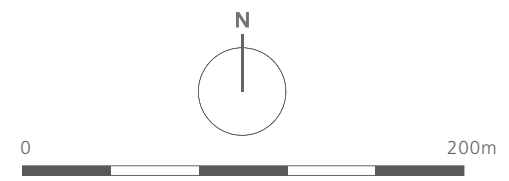
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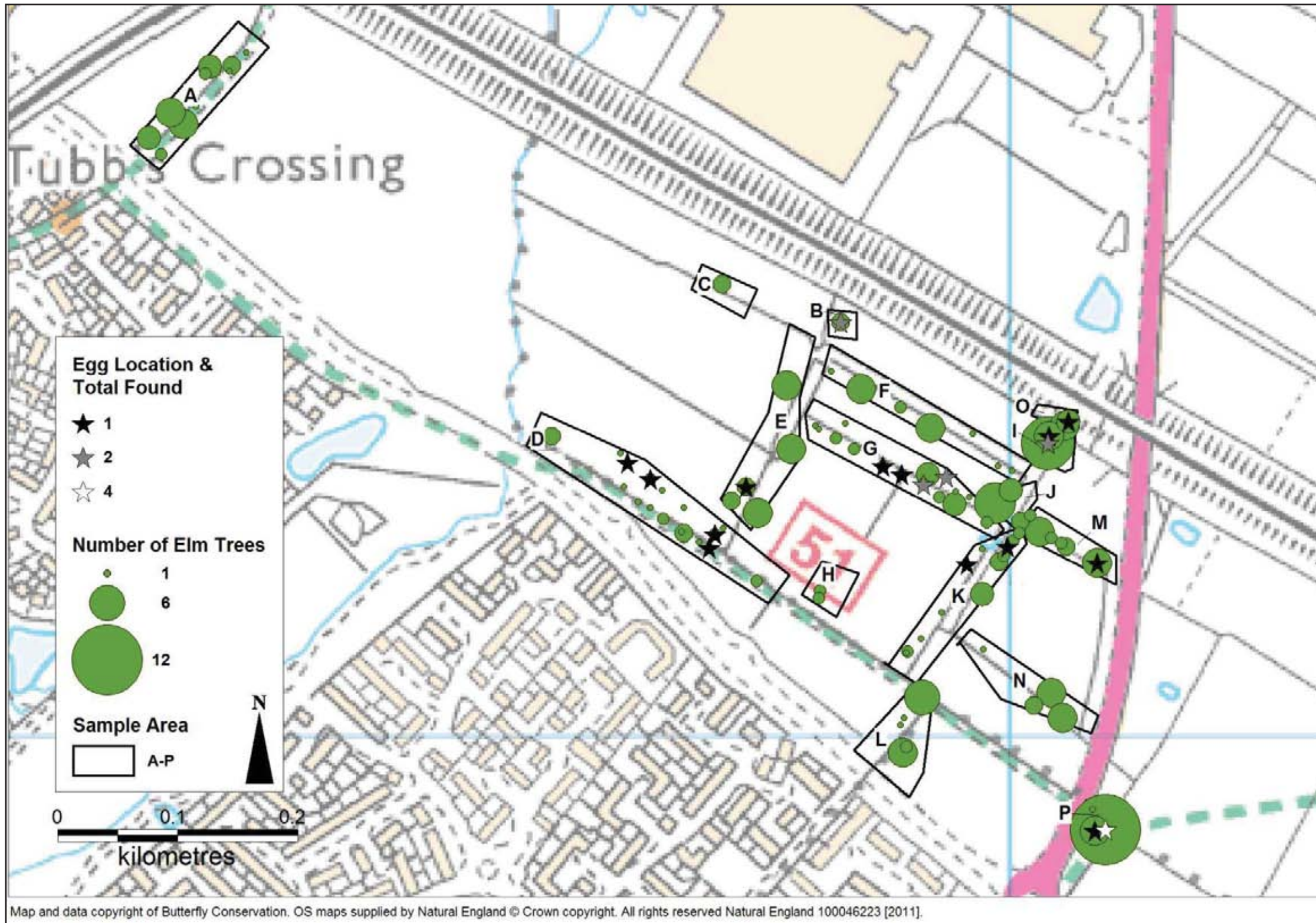
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project title  
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drawing title  
**Plan EDP 12: Butterfly Conservation  
 Brown and Black Hairstreak Records**

date	30 JANUARY 2014	drawn by	GC
drawing number	EDP 124/59a	checked	TW
scale	NTS		





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 e info@edp-uk.co.uk www.edp-uk.co.uk

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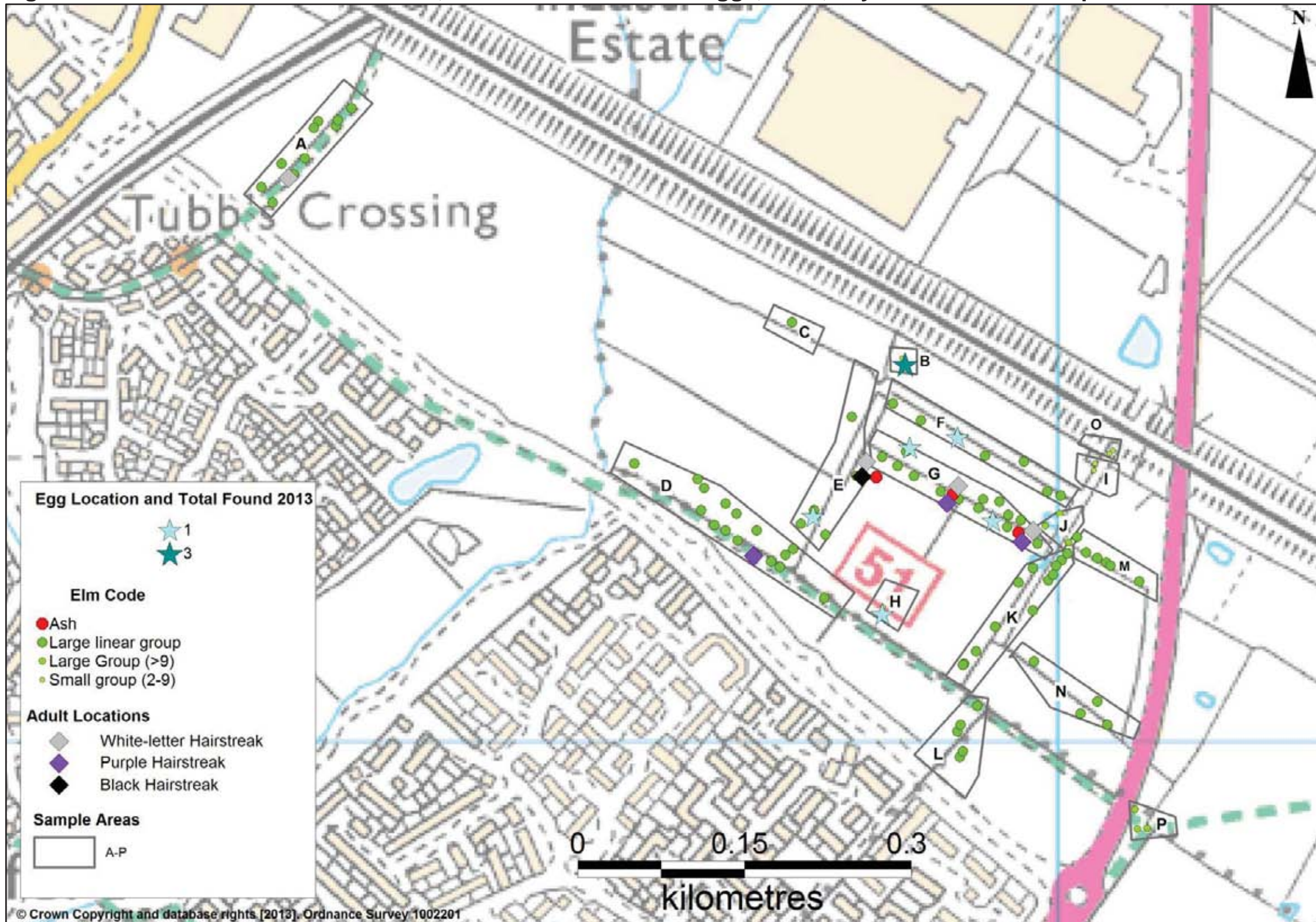
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drawing title

**Plan EDP 13: White-Letter  
 Hairstreak Survey 2011**

date	30 JANUARY 2014	drawn by	GC
drawing number	EDP 124/96	checked	TW
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e info@edp-uk.co.uk www.edp-uk.co.uk

client

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project title

**Gavray Drive, Bicester, Oxon**

drawing title

**Plan EDP 14: White-Letter Hairstreak  
Survey 2013**

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scale	NTS		





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PARTNERSHIP

**CIRENCESTER (Head Office)**

Tithe Barn, Barnsley Park Estate  
Barnsley, Cirencester  
Gloucestershire GL7 5EG  
t 01285 740427 f 01285 740848  
e info@edp-uk.co.uk  
[www.edp-uk.co.uk](http://www.edp-uk.co.uk)

**SHREWSBURY**

Rural Enterprise Centre  
Battlefield Enterprise Park  
Shrewsbury, Shropshire SY1 3FE  
t 01743 454960 f 01743 453121  
e info@edp-uk.co.uk



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DAVID LOCK ASSOCIATES LIMITED  
50 NORTH THIRTEENTH STREET, CENTRAL MILTON KEYNES, MK9 3BP  
TEL: 01908 666276 FAX: 01908 605747 EMAIL: [mail@davidlock.com](mailto:mail@davidlock.com)  
[www.davidlock.com](http://www.davidlock.com)