

Cultural Services and Landscape Assessment:

Ecosystem Services and the Historic Environment





+



Landscape, Ecology and Historic Environment



LANDSCAPE SENSITIVITY STUDY,
MAY 2016

FOR BINLEY WOODS; BRINKLOW; LONG
LAWFORD; RYTON-ON-DUNSMORE;
STRETTON-ON-DUNSMORE; WOLSTON &
WOLVEY

Produced by WCC Landscape Architects on
behalf of Rugby Borough Council

Landscape Team

Landscape, Ecology & Historic Environment



Warwickshire County Council

Wellesbourne & Walton Parish

Landscape Study

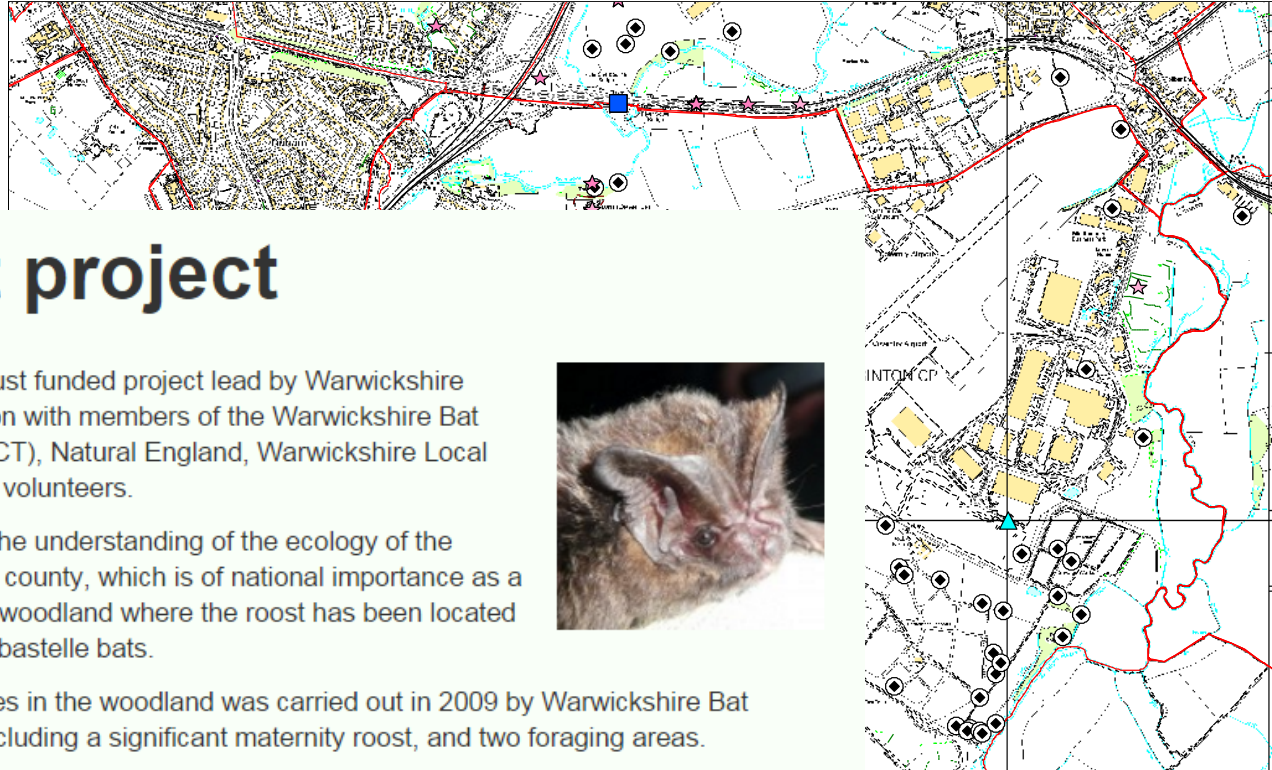


Produced by
WCC Landscape Architects
January 2016



Landscape, Ecology and Historic Environment

Ecology Team



Barbastelle bat project

Warwickshire Barbastelle Project is a SITA Trust funded project lead by Warwickshire County Council and Dr Jon Russ, in association with members of the Warwickshire Bat Group (WBG), The Bat Conservation Trust (BCT), Natural England, Warwickshire Local Biodiversity Action Plan (LBAP) and a team of volunteers.

The project aims to consolidate and increase the understanding of the ecology of the barbastelle bat in woodland in the south of the county, which is of national importance as a breeding location. Also it aims to enhance the woodland where the roost has been located and the surrounding area for the benefit of barbastelle bats.

Previously a radio-tracking study of barbastelles in the woodland was carried out in 2009 by Warwickshire Bat Group. This identified roosting sites of bats, including a significant maternity roost, and two foraging areas.

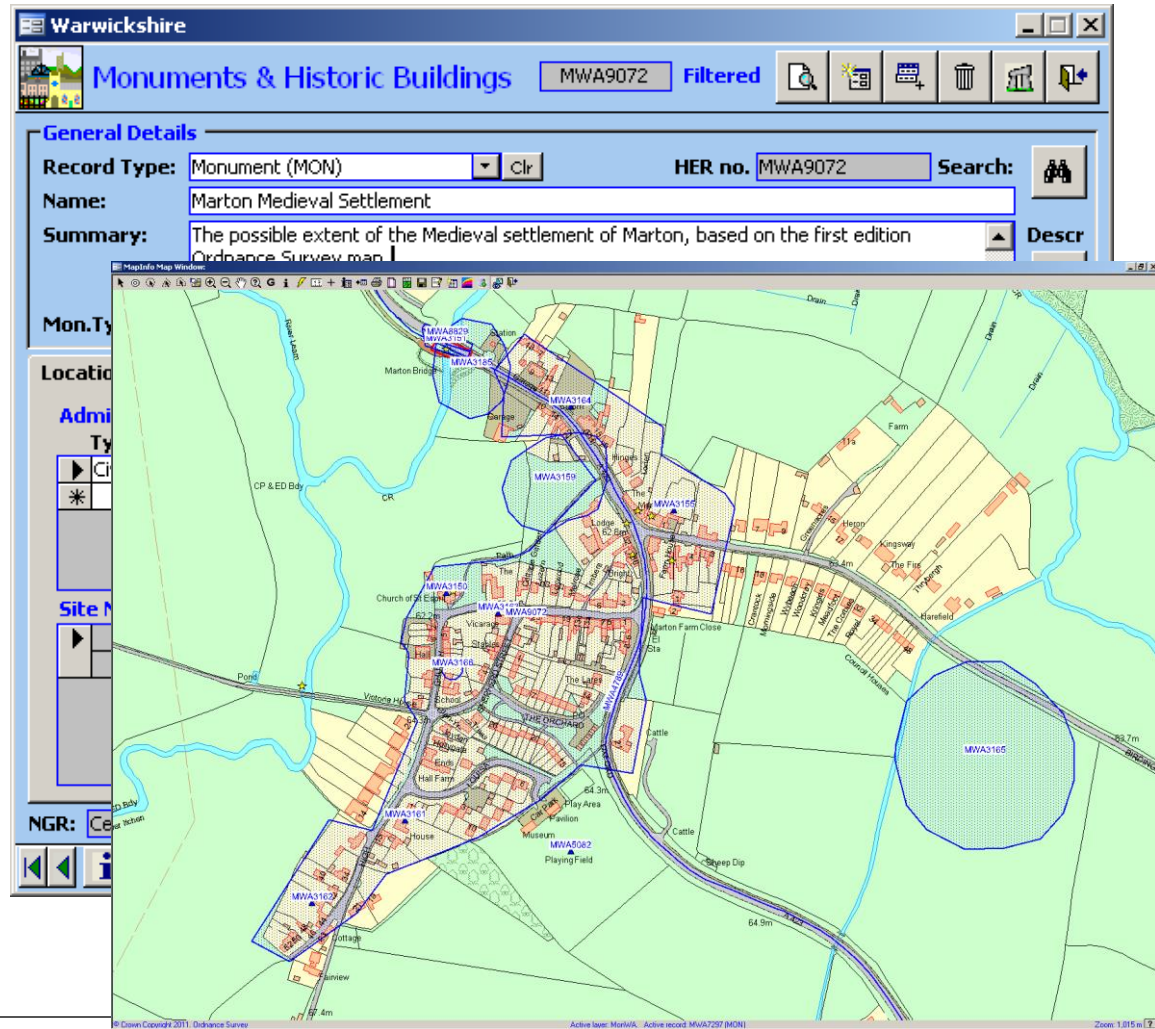
A number of bat boxes have been erected in the woodland as a result of this preliminary work. These are monitored by WBG and barbastelle bats have already been using some of them!

The current project aims to achieve three main outcomes:

- To gain a better knowledge and understanding of the barbastelle bat's breeding cycle.
- To consolidate and increase the connectivity and habitat quality of the local area.
- To publicise the findings to a local and national audience for the benefit of barbastelle conservation and best practice.



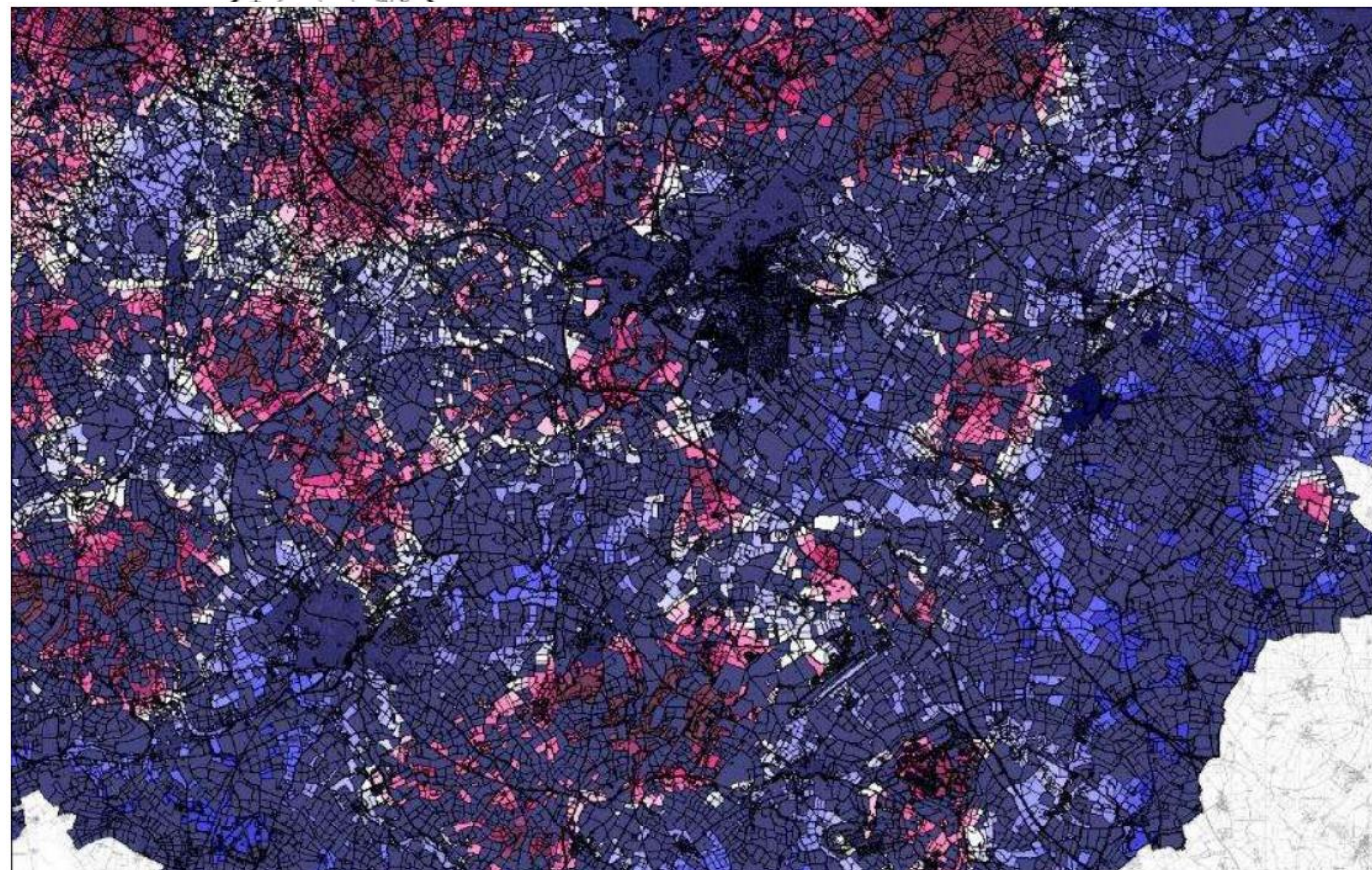
Landscape, Ecology and Historic Environment



Landscape, Ecology and Historic Environment



Habitat Biodiversity Audit

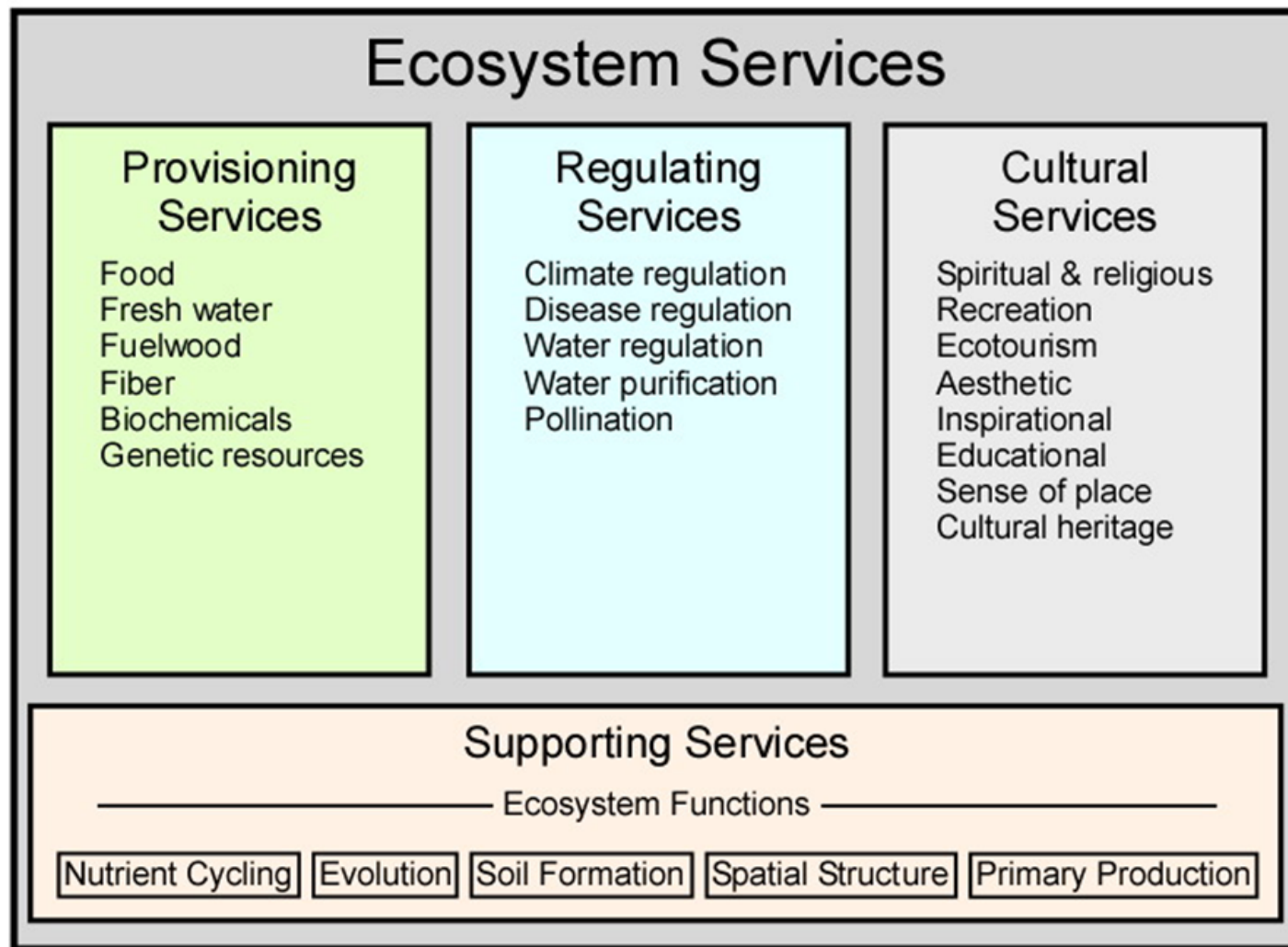


Phase I Habitat Survey

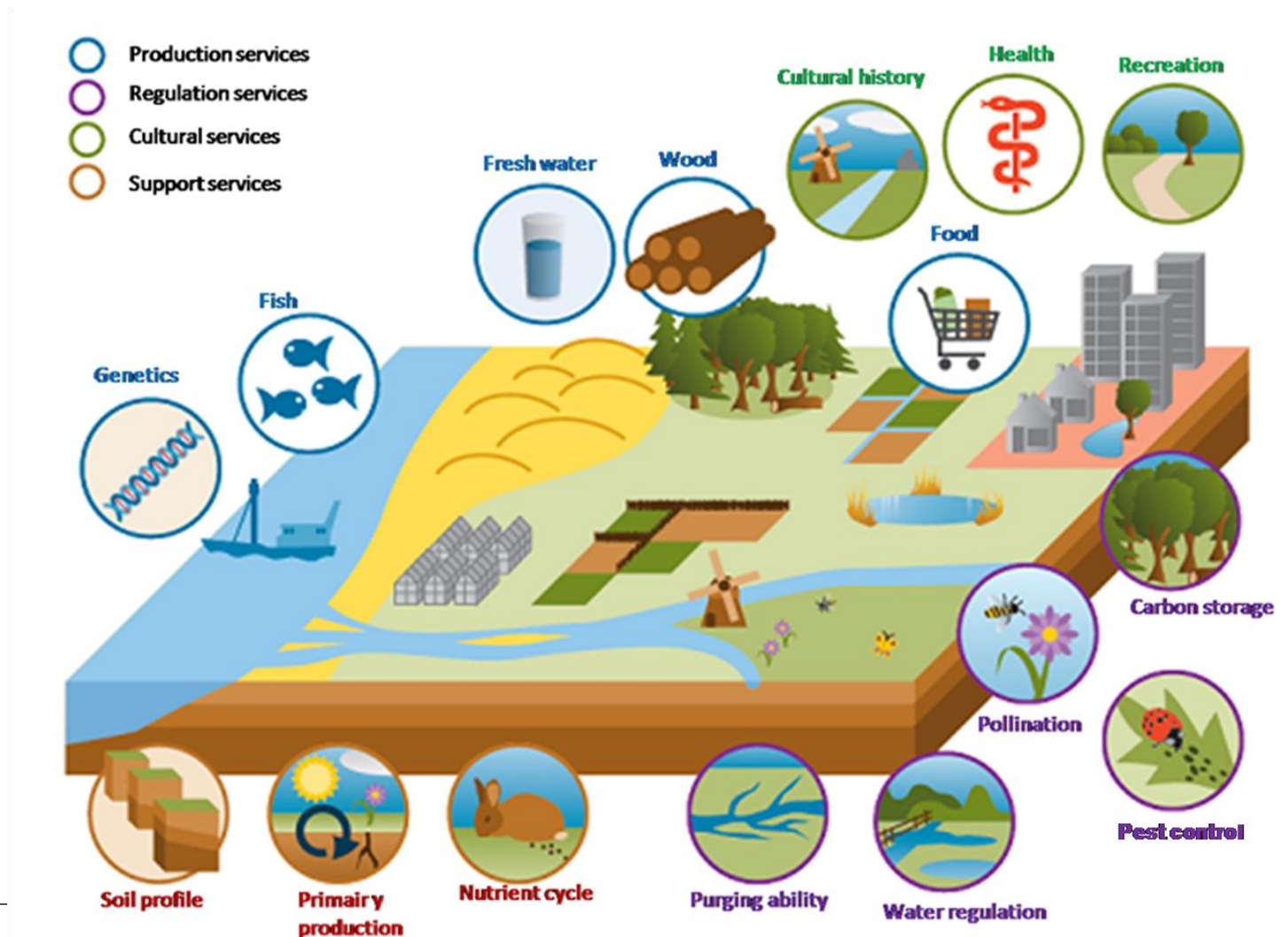
Polygon Features

- A111 (Broad-leaved semi-natural woodland)
- A112 (Broad-leaved plantation)
- A121 (Coniferous semi-natural woodland)
- A122 (Coniferous plantation)
- A131 (Mixed semi-natural woodland)
- A132 (Mixed plantation)
- A21 (Dense/continuous scrub)
- A22 (Scattered scrub)
- A31 (Broad-leaved parkland/scattered trees)
- A32 (Coniferous parkland/scattered trees)
- A4 (Recently felled woodland)
- A5 (Orchard)
- B11 (Unimproved acidic grassland)
- B12 (Semi-improved acidic grassland)
- B21 (Unimproved neutral grassland)
- B22 (Semi-improved neutral grassland)
- B31 (Unimproved calcareous grassland)
- B32 (Semi-improved calcareous grassland)
- B4 (Improved grassland)
- B5 (Marsh/marshy grassland)
- B6 (Poor semi-improved grassland)
- C11 (Continuous bracken)
- C31 (Tall ruderal)
- C32 (Non-ruderal)
- D5 (Dry heath/acid grassland mosaic)
- E11 (Sphagnum Bog)
- E21 (Acid/neutral flush)
- E31 (Valley mire)
- E32 (Basin mire)
- F1 (Swamp)
- F22 (Inundation vegetation)
- G1 (Standing water)
- G2 (Running water)
- I21 (Quarry)
- I22 (Spoil)
- I23 (Mine)
- I24 (Refuse tip)
- J11 (Arable)
- J112 (Allotments)
- J113 (Set-aside)
- J12 (Amenity grassland)
- J13 (Ephemeral/short perennial)
- J14 (Introduced shrub)
- J4 (Bare ground)

Ecosystem Services and Cultural Value



Ecosystem Services and Cultural Value



What is the Historic Environment?

"All aspects of the environment resulting from the interaction between people and places through time, including all surviving physical remains of past human activity, whether built or unbuilt, ranging from the cultural to monumental, landscaped to planted, and incorporating all resultant environmental facets from flora to fauna, and biodiversity."

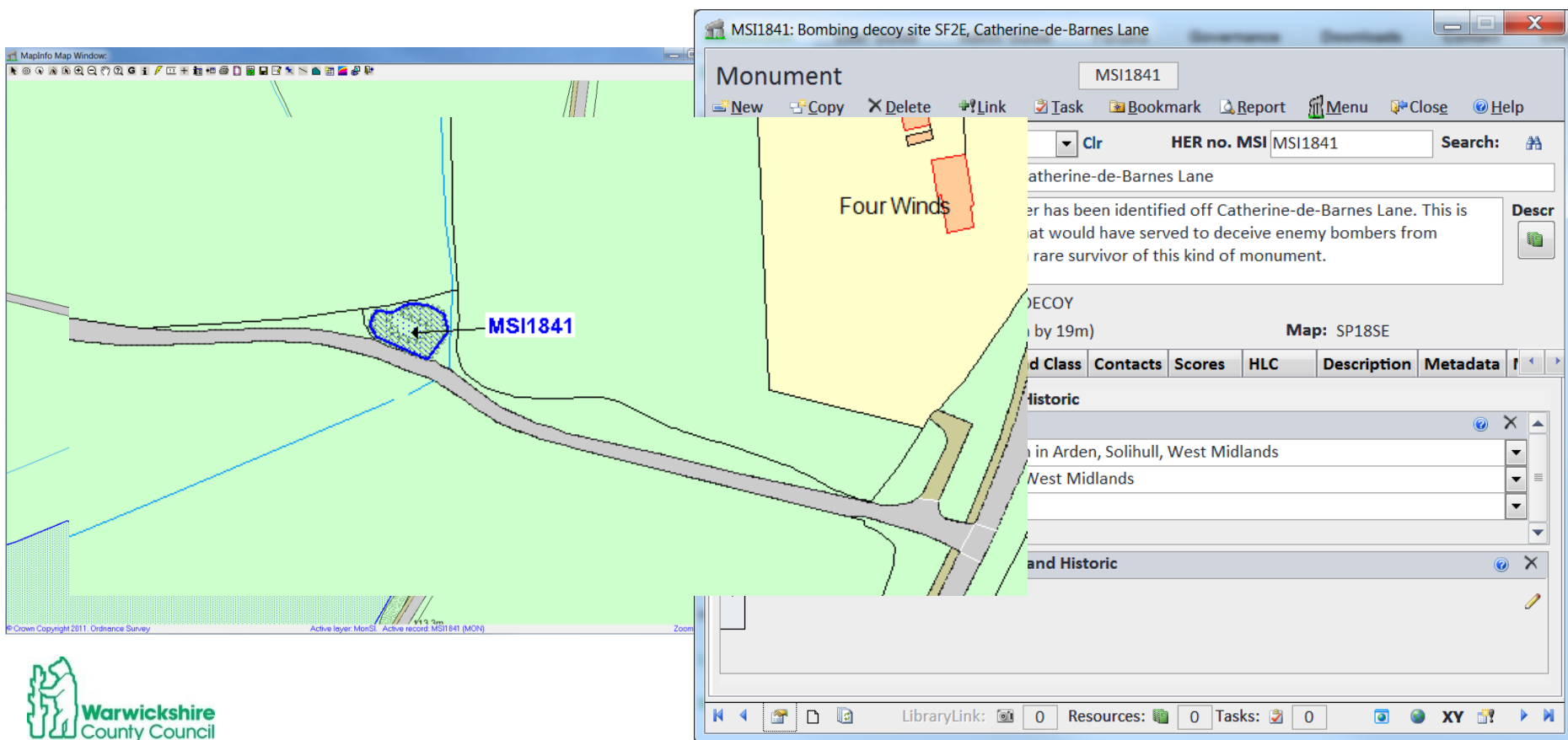
Everything related to humans in the past

NPPF 2012



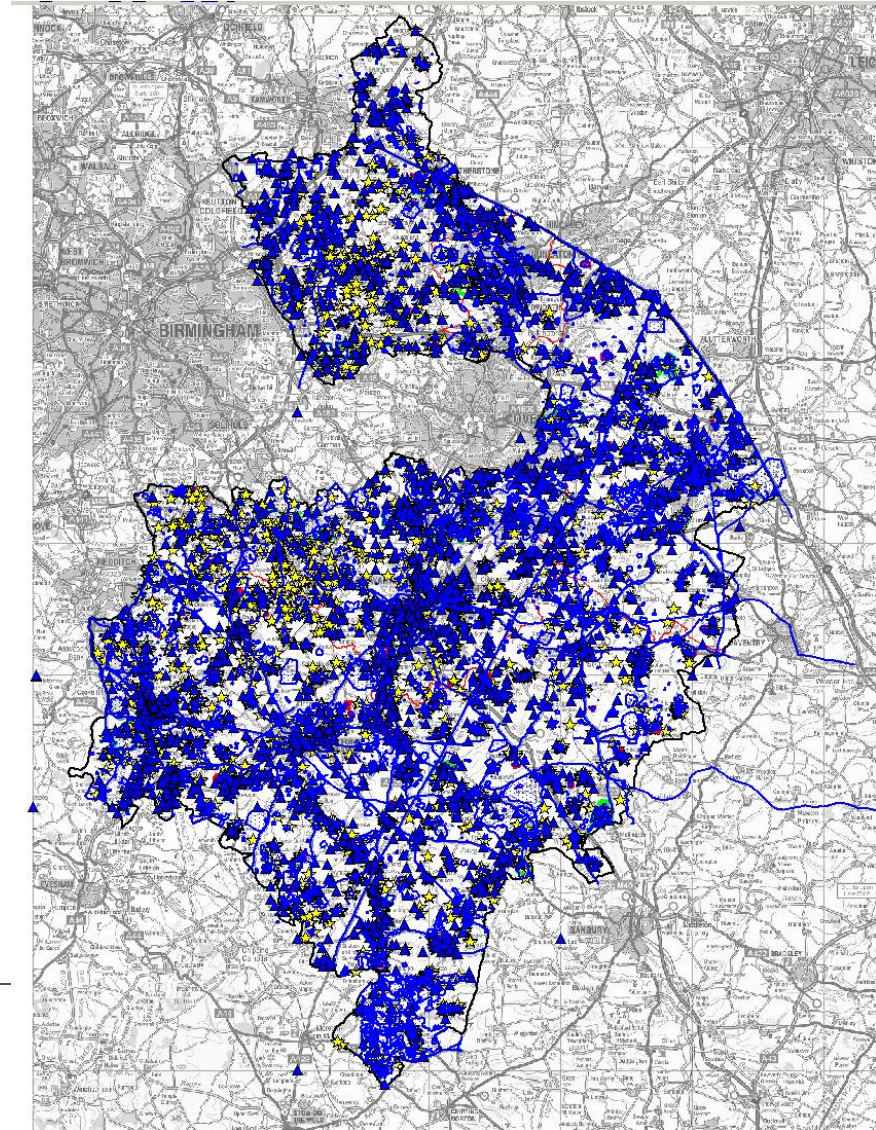
What is an Historic Environment Record (HER)?

- It is a record of all the known historic and archaeological sites in an area

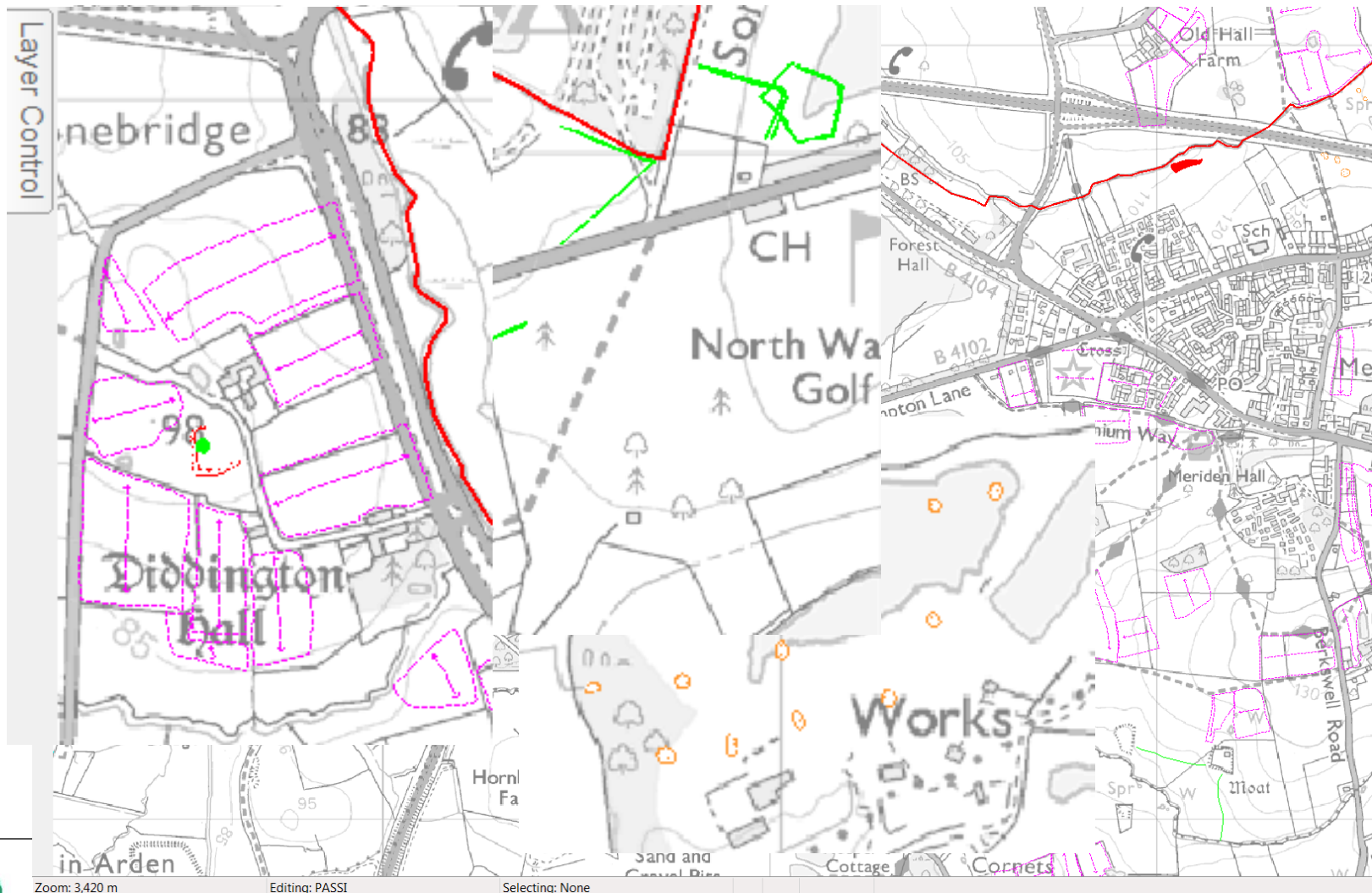


What kind of data does the HER have?

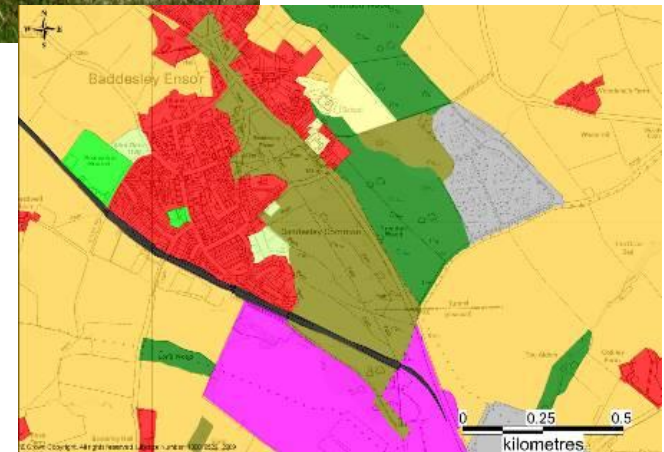
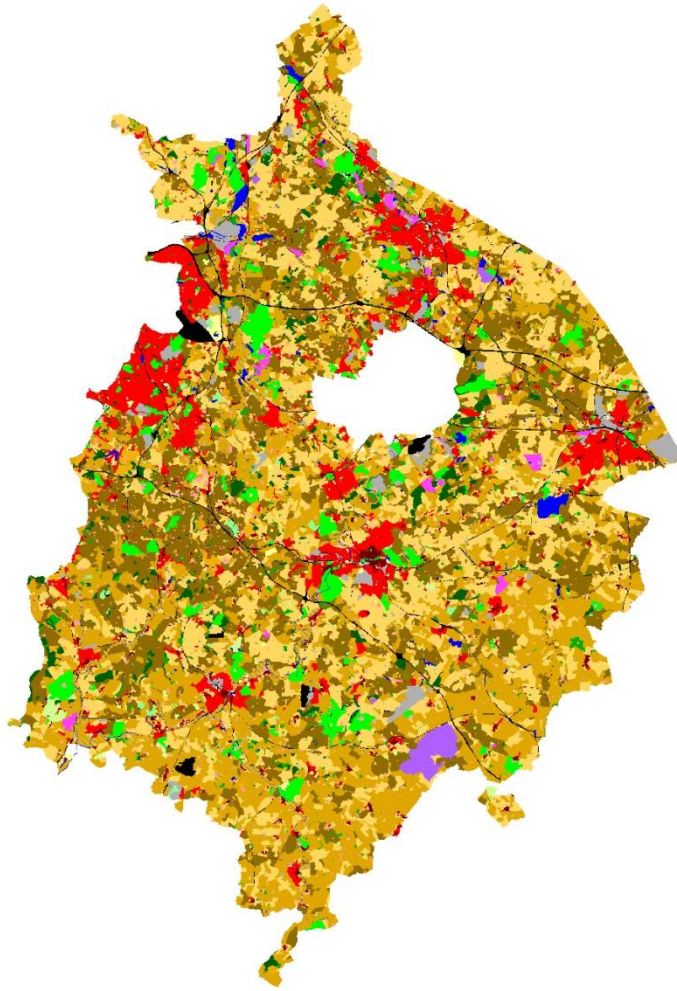
- Monuments (Archaeological Sites and Monuments)
- Events (Archaeological Activity)
- Historic Landscape Character
- Historic Farmstead Character
- Ridge and Furrow
- National Mapping Programme
- GIS, Database Records and Project Specific Reports



NMP Data



Warwickshire Historic Landscape Characterisation Project



Solihull - HLC

HLC Sub-Types

HLC Types	
	Heathland
	Commons
	Scrubland
	Squatter/Encroachment Enclosure
	Floodplain and Meadow
	Water Meadow
	Irregular (piecemeal) Enclosure
	Planned Enclosure
	Very Large Post War Fields
	Paddocks and Closes
	Woodland Clearance
	Ancient Woodland
	Woods with Sinuous Boundaries
	Broad Leaved Plantation
	Mixed Plantation
	Coniferous Plantation
	Natural Open Water
	Artificial Body of Water
	Marsh
	Industrial Complex
	Motor Industry
	Radio/Telecommunications
	Cement Works
	Military
	Historic Settlement Core
	Terraced Housing
	Semi-Detached Housing
	Detached Housing
	Flats and Apartments
	Country House
	Farm Complex
	Mobile Home Park
	Park/Garden
	Golf Course
	Cemetery
	Public Open Space
	Sports Field
	Airfield
	Motorway
	Railway
	Disused Railway
	Park and Ride
	Canal
	Municipal and Civic

HLC Type Scope Note:

Woodland identified by the Forestry Commission and the Warwickshire Habitat Biodiversity Audit as being broad-leaved plantation. Straight

	Coal Extraction
	Sand and Gravel Extraction
	Hard Rock Extraction
	Clay Extraction
	Orchard
	Allotments
	Nursery/Garden Centre

HBSMR

Historic Landscape Character Broad Type Configuration

Display: ☐ Broad Type Details and Attributes ☒ Associated HLC Types

Code	Description	Sort Order	Use for Current ?	Previous?	Map Layer
UIM	Unimproved Land	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
FSC	Fields	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
WDL	Woodland	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
WAT	Water and Valley Floor	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
IND	Industrial	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
EXT	Extractive	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
MIL	Military	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
PAR	Designed Landscape	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
SET	Settlement	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
TRA	Transport	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
CIV	Civic and Commercial	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
ORC	Horticultural	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
*			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4

HLC Types associated with this Broad Type

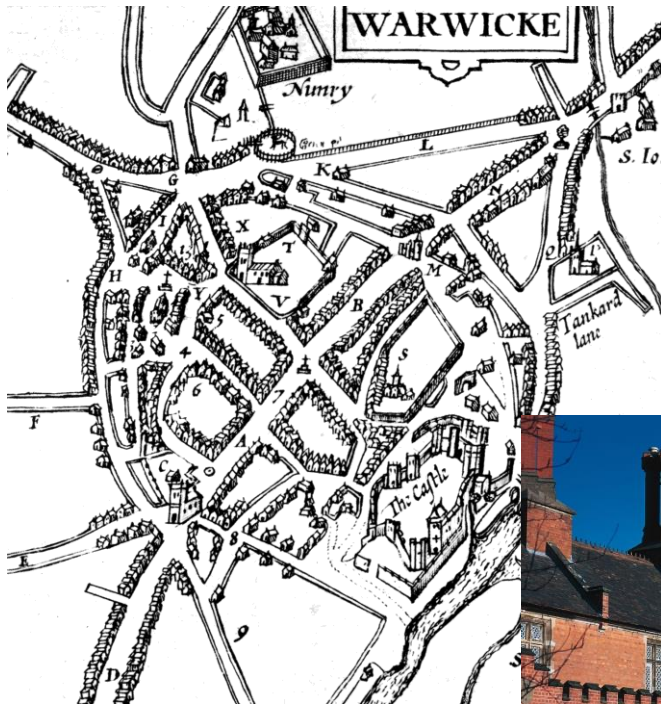
Code	Description	Use For Current?	Use For Previous?	Sort Order
27	Broad-leaved Plantation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7
28	Mixed Plantation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8
29	Coniferous Plantation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9
30	Other Plantation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10
111	Spinney	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11
				2

Record: 14 3 of 12 No Filter Search

© Crown Copyright. All rights reserved. Licence Number: 100019520. 2009

Warwickshire Historic Towns Project

An Extensive Urban Survey for Warwickshire

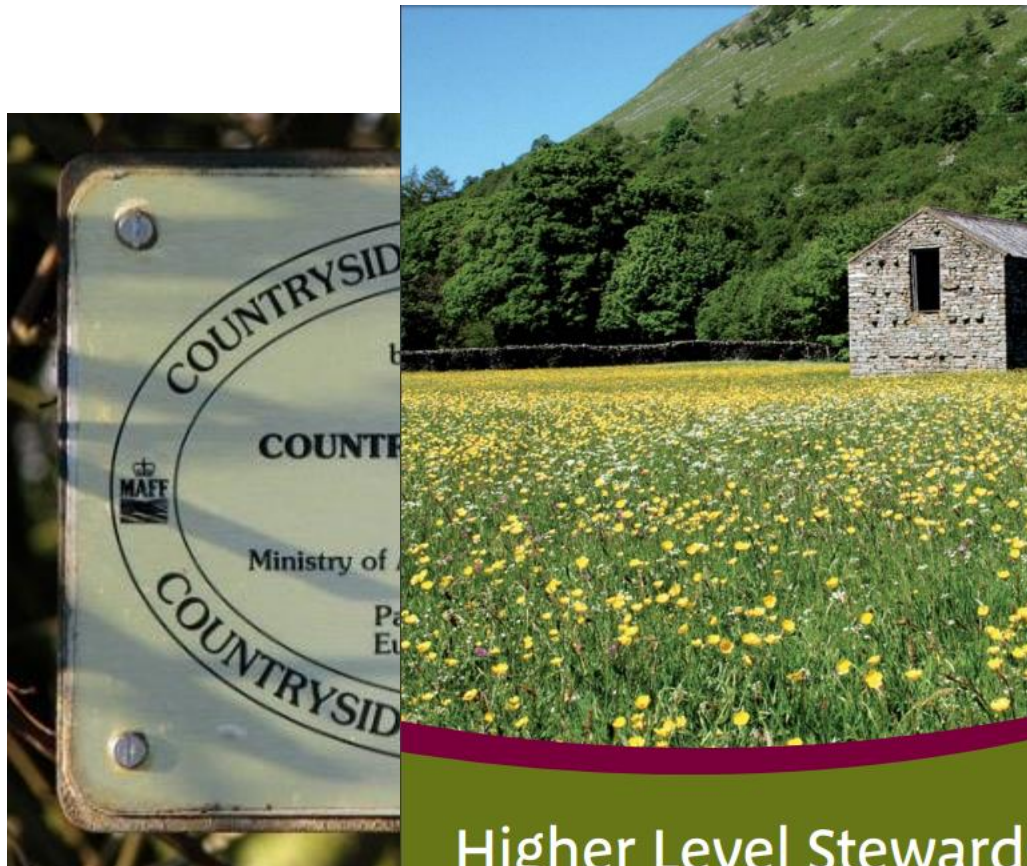


Atherstone Buildings by Period

HTCS by Period

- Early Industrial (1750 to 1850)
- Early Modern (1540 to 1750)
- High Medieval (1086 to 1350)
- Industrial (1850 to 1914)
- Industrial (1850 to 1918)
- Inter-War (1918 to 1945)
- Late Industrial (1945 to 1979)
- Late Medieval (1350 to 1540)
- Post Industrial (1979 to present)

Agri-Environment



Countryside Stewardship Higher Tier Manual

Applies to all Higher Tier multi-year agreements commencing
on 1 January 2017

Published 14 March 2016

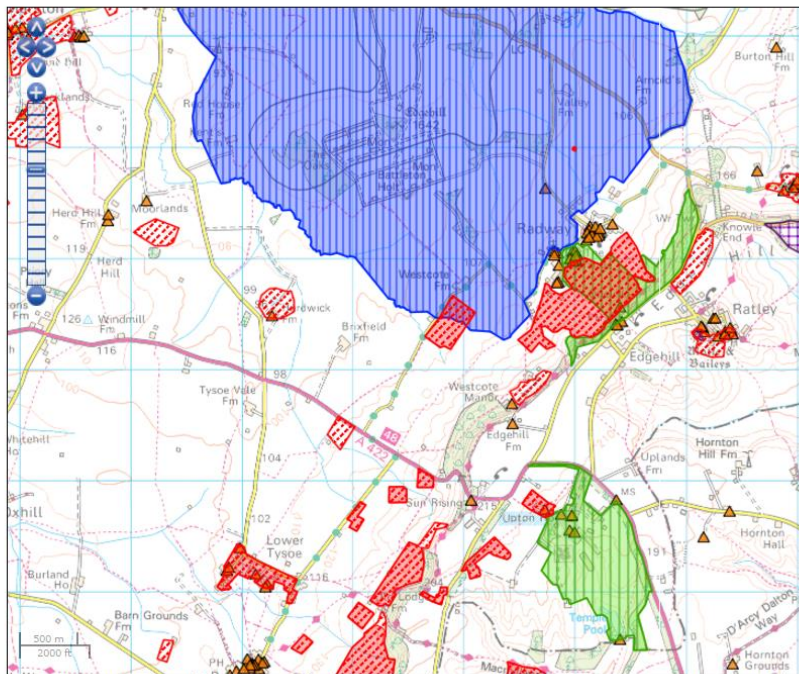
Agri-Environment and the Historic Environment

SHINE - Selected Heritage Inventory for Natural England

- Home
- Look up a Record
- SHINE Progress
- SHINE Upload
- HER/H.Eng Consultations
- Management Advice
- Download
- Web Services
- FAQ
- Useful Links
- Contact
- Who's online
- Retrieve HEFER

Management advice

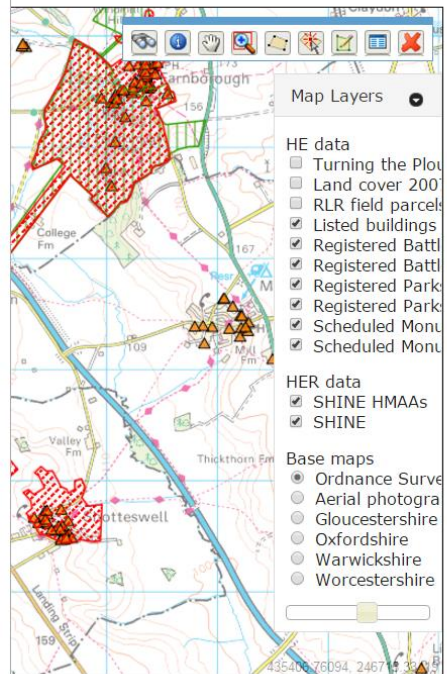
Map Data



Legend (double-click)

- ▲ Listed Buildings
- Registered Battlefield HMAAs
- Registered Battlefields
- Registered Parks and Garden HMAAs
- Registered Parks and Gardens
- Scheduled Monument HMAAs
- Scheduled Monuments
- SHINE HMAAs
- SHINE
- Holding Parcels
- Acid grassland
- Arable and horticulture
- Bog
- Broad leaved, mixed and yew woodland
- Built up areas and gardens
- Calcareous grassland
- Coniferous woodland
- Dwarf shrub heath
- Fen marsh and swamp
- Freshwater
- Improved grassland
- Inland rock
- Littoral rock
- Littoral sediment
- Montane habitats
- Neutral grassland
- Rough low-productivity grassland
- Saline

Signed in as: Ben Wallace Works HER | Home | Site Map | My Account | Sign Out



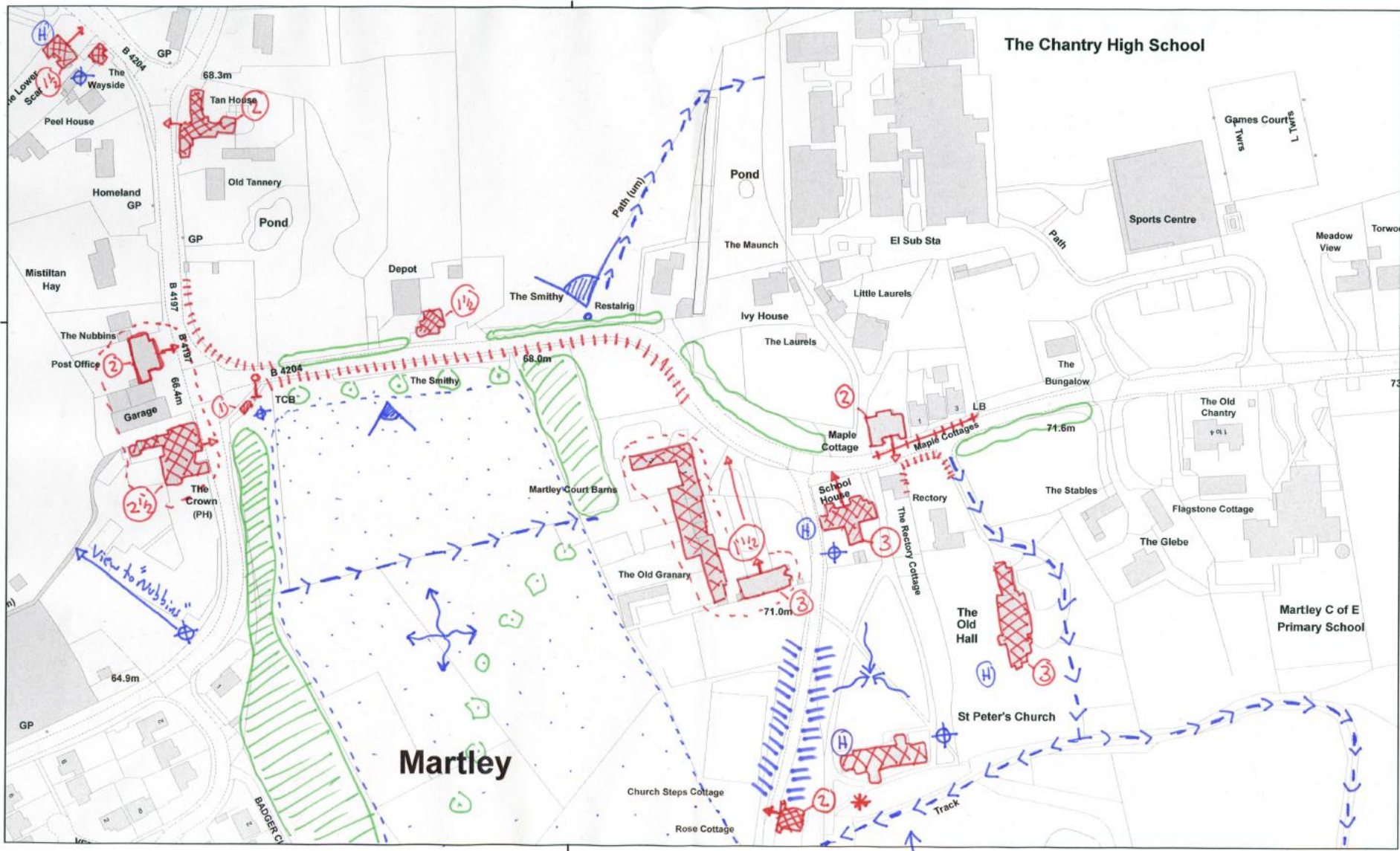
Map Layers

- HE data
 - ☐ Turning the Plough
 - ☐ Land cover 2007
 - ☐ RLR field parcels
 - ☒ Listed buildings
 - ☒ Registered Battlefields
 - ☒ Registered Parks and Gardens
 - ☒ Registered Parks and Gardens HMAAs
 - ☒ Scheduled Monuments
 - ☒ Scheduled Monuments HMAAs

- HER data
 - ☒ SHINE HMAAs
 - ☒ SHINE

- Base maps
 - ☒ Ordnance Survey
 - ☐ Aerial photograph
 - ☐ Gloucestershire
 - ☐ Oxfordshire
 - ☐ Warwickshire
 - ☐ Worcestershire

Neighbourhood Planning




Some final thoughts....

- How does the Historic Environment fit with Ecosystem Services, with the Natural Environment, with Landscape?
 - Some more examples of how this can be done would be very beneficial
 - Warwickshire is a great place to demonstrate practical ways using the HBA, HER and BRC
-
- *What are the opportunities for integrating the historic environment into natural capital and ecosystem services?*
 - *How can the historic environment be used in practical application of natural capital and ecosystem services?*

About that Graveyard.....

Home Discovery Search Contact

 Business & Community Council & O

Take the Timetrail with Warwickshire Museum

Home Discovery Search Reports

Public Contributions
Contributing to the website

- Text (0)
- Images (0)

Options

- Download word document
- Back

Information Church

Summary

What

Type:

Period:

Where

Parish:

District:

Grid Reference:

Map




Go

(Data illustration archae)



Archaeological Information and Advice

Historic Environment Record:

-  01926 412734
-  historicenvironmentrecord@warwickshire.gov.uk
- 
 - Archaeological Information and Advice
 - Communities
 - Barrack Street
 - Warwick
 - CV34 4SX

HER Information online at:

www.timetrail.warwickshire.gov.uk

www.heritagegateway.org.uk

