

Project Description

1. Introduction

This is a GIS visualisation of a survey into the history of the woods in the 'Dunsmore Living Landscape' project area. The survey was carried out during 2019 by Ruth Moffat, a volunteer in the Ecology department of Warwickshire County Council.

2. Project and Areas

The Project boundary on the map delineates the Project area

The Project is divided into 15 areas covering all the main parcels of woodland. There are some parcels of woodland are not in an area but a brief history can be viewed in the pop-up for each parcel. There is a detailed description of the ecology and history of each area in an accompanying pdf. These can be viewed by clicking on the box containing 'Area' and its number

3. The Map

The map consists of a number of "layers". Each layer can be turned on or off at its tick box in the legend on the right-hand side and the mouse can be used to zoom in and out, select pop-ups or move the map around.

The two Basemap layers are both 'on' when the map opens but then can be toggled with either one showing. They are as follows:

- The main basemap is an OpenStreetMap
- Topography
This layer is derived from a LiDAR image and the colouring indicates height above sea level. The colour ranges from dark blue (55 metres) to yellow (130 metres). Unfortunately, there is a slice of LiDAR missing in the NE corner of the map from the publicly available images available for LIDAR Composite DTM 2017 - 1m at data.gov.uk

The overlay layers can be turned on or off using the tick boxes and are as follows:

- 'Woods' are either polygons that are based on maps and known locations or they are circles and ellipses where the exact location of a wood is not known. There is a more detailed description in section 4 below
- 'Parks' can be identified by clicking on the park of interest
- 'Areas' are the 15 areas of the Project. Click inside an area, but not a piece of wood or parkland, to zoom in. Click on the 'Area' and its number to open a detailed pdf in another window. Clicking on 'Area Project' at top left of the map opens this pdf in another window
- 'Boundary' delineates the boundary of the Project
- Roads highlights significant modern roads

4. Woods Data Details

The 'Woods' layer has a pop-up box for each area of wood. The pop-up displays the following data:

- **Name** This is the modern name of the wood or the original name if the wood no longer exists

- **Old Name** This is an old name for the wood. Some may have had multiple names but only one is shown
- **Old Date** This is an attempt at the oldest known date. A round number indicates a range e.g 1250 is 'mid 13th C'
- **Old Description** This is a brief description of the wood, the details being in the relevant Area pdf
- **Old Source** This is the source for the data. Most will have an 'A' and a number e.g. A12 is the Area 12 pdf. Wager is shown where the source is Sarah Wager's PhD thesis and 'Buccleugh' refers to a Buccleugh estate map
- **Area** This is the number of the Area (or nearest area) that a wood is in
- **Present** This indicates whether a wood still exists (yes), has gone (no) or partially gone (pt)
- **OS 1888** This indicates whether the wood is on the late Victorian OS 25-inch maps

5. Parkland

The 'Parkland' layer has a pop-up box for each area of park. The pop-up displays the following data:

- **Name** This is the modern name of the park
- **Source** This is the source for the information about the park as described by the Wood Pasture and Parkland survey (see acknowledgements below)
- **Present** 'yes' is still a park and 'pt' is partially still a park

6. Historic Maps

It can be helpful to have a historic map open in another tab in your browser. The best way to view the Ordnance Survey 25-inch Victorian mapping is to be found on the National Library of Scotland website ...

<https://maps.nls.uk/geo/explore/#zoom=14&lat=52.34374&lon=-1.44998&layers=168&b=1>

Close the help box to see the area of this project where you can then zoom in and out and move around the Project area (or anywhere else you want to)

7. Sources and Acknowledgements

The sources used in creating this map are as follows:

- Ruth Moffat of the Ecological Services Team at Warwickshire County Council has written each of the Area Descriptions above
- Sarah Wager's 1998 PHd thesis 'Woods, Wolds and Groves The woodland of medieval Warwickshire' has been used to identify some of the medieval woods that no longer exist
- Ancient Woodland Survey
This survey has been carried out by Natural England over the last 10 years. It is based on the premise that if a wood is shown on an early OS map, such as 1:25 000 1st Series maps surveyed from 1880 or on the earlier 19th century OS 1st Edition Maps (surveyed 1805 - 1873; scale 1:63 360) it was ancient.
<https://data.gov.uk/dataset/9461f463-c363-4309-ae77-fdc7e9df7d3/ancient-woodland-england>
- The parkland data is also from the data.gov.uk website under Wood Pasture and Parkland (England)

- An important source in the Warwickshire County Record Office is the reconstructed Inclosure Award maps that have a Document Reference of Z1114
- The Buccleugh Estate Map of 1763 has been used for woodland in Stretton on Dunsmore and surrounding parishes
- The mapping uses 'Open Source' services as follows:
 - **Heroku** to host the map
 - **Node** and **Express** to provide the server functionality
 - **Javascript** to provide the app
 - **Leaflet** to display the maps
 - **QGIS** to produce the maps