

The status and distribution of ancient woodland in Dorset

Part 1: Details of methods used in updating
the status and distribution of Ancient Woodland

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Part 1: Details of methods used in updating the status and distribution of
Ancient Woodland

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Preface

This report is in two parts, reflecting two phases of the same project, funded by English Nature and the Holly Hill Charitable Trust. The first part was carried out by Dorset Environmental Record Centre to investigate the current status of ancient woodland in Dorset. Part 2 is also available, as English Nature Research Report no. 559. DERC were able to draw on the comprehensive set of survey data obtained for the SNCI project and link this to digitised aerial photography

The ancient woodland inventory was compiled by the Nature Conservancy Council (the predecessor to English Nature) between 1981 and 1992; the Dorset AWI was revised in 1988. Each county inventory has the word “provisional” included in the title, reflecting the fact that the information on the ancient woodland is subject to change. Between 1995 and 1999 the ancient woodland inventory has undergone further modernisation, in that it was digitised by the Forestry Commission for use on Geographic Information Systems. Since the digitised version has been available on the English Nature website, www.english-nature.org.uk, it has been downloaded more than 2000 times.

Initially, in order to update the inventory, English Nature released a feedback form for *ad hoc* changes, which requested documented evidence that the inventory was not correct. Because of the increased distribution of the inventory, English Nature has become aware of the need to be more pro-active in monitoring change in ancient woodland status. Part 1 of this report investigates how many changes have occurred in Dorset, as an initial exercise in updating the inventory.

When the first part of the report had been completed, the results were used to further analyse the changes that had been identified, in Part 2 of the project. Investigation was made into replanting of ancient woodland and land use change, with particular emphasis on dating when loss of ancient woodland occurred.

This report has been an extremely valuable exercise and English Nature hopes it encourages partner organisations in other counties to work in partnership to provide similar updates.

Emma Goldberg
Forestry and Woodland Officer

Summary

The report highlights that there are various changes occurring. There is actual change since the 1988 inventory; mistakes in the initial recording between ancient semi-natural woodland and plantation on ancient woodland sites; and mistakes in the digital boundaries. There is also a discrepancy between the area given by the original data and the GIS data, because of the differences in technology used to calculate the area. If the boundary digitisation is correct, the GIS data will give increased accuracy than the romer grids originally used. It may be difficult to assess in some situations which particular error has occurred.

The survey has found 62 cases where semi-natural area and plantation on ancient woodland sites were inverted, 49 sites that have been cleared and 55 sites where there were errors in digitisation. From the original database, this represents a loss of 348 ha of ancient semi-natural woodland, a gain of 83 ha of plantation on ancient woodland sites, an additional 59 ha of clearance and an overall loss of area of ancient woodland of almost 291 ha.

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1. Introduction

Dorset Environmental Records Centre (DERC) was contracted by the English Nature Dorset Team to review and revise the status and distribution of ancient woodland in Dorset. DERC had initiated a project to clarify information already held and to organise it in a more accurate and usable format. The initial part of this work was funded by the Holly Hill Charitable Trust.

The updating process involved using data held at DERC to assess whether any changes had occurred to sites identified in the Dorset Inventory of Ancient Woodland (provisional) prepared for the NCC by J.W. Spencer in 1985 and revised in 1988. This would make use of additional information now available, including recent surveys undertaken for the Sites of Nature Conservation Interest project and colour aerial photography from the summer of 1997.

Changes to ancient woodland since the 1988 document could include:

- a. any changes to the current status of each woodland, ie whether restored to semi-natural, replanted or cleared, since the 1988 document;
- b. any woodland areas newly and permanently cleared, for example for agriculture, urban development or mineral extraction;
- c. changes to the central grid reference generated for each site;
- d. changes to the name of individual sites, where these had been manufactured in the original document;
- e. reassessment of the certainty of ancient status of an individual woodland, and the grading assigned to each site representing confidence in the status;
- f. reassessment of the quality of information available for each woodland, upon which decisions are made regarding its status.

This article details the exact methods used in the updating process. While the information used is relevant to Dorset, the intention is that other counties could use similar methodology to update their Ancient Woodland Inventory using locally available information.

1.1 The Ancient Woodland Inventory

The Ancient Woodland Inventory (from hereon, “the Inventory”) sought to use various sources of information to assess if any woodland sites were ‘ancient’ or not where ancient woodland is defined as woodland that has been continuously wooded since at least 1600 AD (Peterken 1977). This was achieved through the use of maps and other documentary evidence to build a picture of the history of each site and its physical and biological characteristics. The details of the sources used in Dorset are given in Spencer (1988) along with commentary on the limitations of data used.

Grading of the certainty of ancient status was included on the Inventory, and was determined in the following way:

- a. presence or absence of site on the OS First Edition 1” (1805-11) and 6” (1885-87) County Series maps;
- b. appearance and features on the OS First Edition 1:25,000 (1901-38) series maps;

c. indications from field survey (including both physical and biological data).

The grade assigned to each site could be (1) - good, (2) - reasonable, (3) - poor or (U) - not known. Uncertainty or absence of 2 out of 3 sources would give a site a poor grading. It is largely the source of information in (c) that has been added to in this project. While some sites were originally identified as requiring further survey to determine exact boundaries and ancient status, others have had changes in status and area revealed by more up-to-date information.

1.2 Digital boundaries

Geographical Information System (GIS) software is increasingly used to accurately map site boundaries and species distribution in nature conservation. The original data sheets produced as part of the Inventory were transferred to GIS in 1999 by the Forestry Commission on behalf of English Nature, along with a full site database for England.

When the boundaries from English Nature's provisional Inventory were put onto GIS, they were coarsely drawn over OS maps at 1:25000 scale, using the set of 1:50000 maps produced as part of the 1988 Inventory. These maps contain little detail compared with both currently available vector maps and summary maps present on the original data sheets which were not utilised when digitising boundaries in Dorset. While the digital boundaries can be downloaded from the English Nature website into a variety of GIS applications, differences in detail, scale and rectification mean that they are unlikely to exactly match maps held by other organisations except those created on the same system over the same base maps at the same scale.

DERC uses MapInfo GIS software, the vector map being considerably more detailed than OS raster maps. Where appropriate, the English Nature boundaries had already been matched to corresponding boundaries on the MapInfo vector map. In addition, areas of ancient woodland identified by English Nature as having been cleared since the production of the OS 1:25000 1st Edition maps (surveyed 1901-38) were digitised onto the DERC system. However, the essential feature of the updating process is in allowing DERC to incorporate the ancient woodland sites into its existing GIS system with increased accuracy, particularly when generating area figures and dealing with exact boundaries.

2. Information sources

Individual sites were assessed using information sources available at DERC. These are discussed below after an overview of the Inventory.

2.1 Ancient Woodland Inventory and summary data sheets

The 1988 Ancient Woodland Inventory used presence or absence on OS maps as a key-determining factor as to whether individual sites should be included. The 1st First Edition maps surveyed from 1805-11 were particularly utilised, as were the 1:25000 1st Series from 1901-38. OS maps should be available for all areas.

Information about all woodland sites investigated as part of the Dorset Inventory is recorded on data sheets held by English Nature at Peterborough. These include details of maps and

other documents examined to determine the status of each site. There are personal comments from various individuals, including recommendations by J. Spencer, regarding each site.

Many of the individual sheets contain remarks that correlate with more recent information on SNCI data sheets, or that may explain absence of sites from the OS 1885 map, or other such anomalies. The sheets also detail sites that are uncertain regarding their ancient status but were included anyway, and thus may be identified as requiring further survey to confirm or deny presence on the inventory. It was always intended that sites about which information was unsure should be included, rather than losing potential sites due to lack of information available.

Some of the information given on the data sheets is not consistent with that given on the English Nature website and GIS boundaries. Generally this was found to be due to errors in the digitisation of site boundaries, or due to sites being updated on data sheets but not on GIS or vice-versa. Where sites had conflicting information that was difficult to decipher, they were noted for further survey. Where sites were included on the inventory and little information was available, these were not earmarked for further survey unless more recent information gave good reason for doing so.

2.2 Isaac Taylor Map

We are fortunate in Dorset to have the Isaac Taylor Map of Dorsetshire from 1765 to give further indication of antiquity. While this is not the most reliable of maps, and relates to the former County Boundary, it is certainly useful for larger or more established sites.

Further, some local estates hold maps and other archives going back further than this, and these were used wherever possible in Dorset, though the number of sites applicable was limited. In rare cases, reference to individual woods can be found in tithe maps and even the Domesday Book.

Absence of individual sites from the Isaac Taylor map did not necessarily preclude inclusion in the Inventory, as absence from a single map series could reasonably be interpreted as a mapping error or of recent coppicing at the time of surveying, thus not affecting continuity of woodland cover. In Dorset, absence from both the Isaac Taylor map and the 1st Edition OS maps were not always taken as conclusive evidence that the site was secondary in origin. This is because many sites in Dorset are small and/or narrow and located on steep slopes which were heavily shaded on these maps, possibly obscuring wooded areas. In these cases, sites were included on the Inventory with ground survey taken as more conclusive evidence of antiquity than presence or absence on maps. Sites absent from both IT 1765 and OS 1805 and included without explanation on the AWI data sheets were noted as such; a decision as to whether field survey should be carried out was based on other evidence if available.

Some sites were excluded from the Inventory based on absence from the Isaac Taylor map alone. In these cases the map was particularly clear in the area of the woodland site in question, with respect to other features mapped, ie roads, buildings and land use. The woodland would be obviously absent, or land use would be clearly depicted as something other than woodland, and usually no enclosures corresponding to the woodland could be identified.

2.3 Ordnance survey maps

DERC has scanned and rectified the OS 6" County Series (surveyed 1885-87) maps into MapInfo, making it possible to check site presence and boundaries at this date within GIS. This was also a useful tool when digitising areas of cleared ancient woodland which are not available from the English Nature website. Sites designated as cleared by English Nature had been cleared since the OS 1:25000 1st Series (surveyed 1901-38) and were therefore usually present in 1885-87 in Dorset. It was also a useful method of checking site boundaries once amended to the vector map on MapInfo, particularly with regard to the accuracy of rectification.

It was suggested during this project that in the long term it would be valuable to scan and rectify the 1st series OS maps from 1805-11, and possibly other maps as well (for example geological maps), although scanning and rectification is a rather expensive and time consuming process. Certainly it would make the verification of ancient woodland status a far more efficient task, allowing a range of historical maps to be viewed simultaneously, and would give a historical context to all site records held on GIS. This could be considered by other areas undertaking inventory updates.

In order to clarify the quality of information used to determine the ancient status of individual sites, each map series utilised was listed in date order in spreadsheet format and marked with presence or absence (Y/N) of the site as woodland at that time. Maps that were not consulted were left blank, indicating possible areas for further research. Further information codes were appended as follows: (?) – site possibly/probably present; (P) site partially present; (E) site present as an enclosure but not necessarily marked as woodland per se; (C) site present as common land; (H) site present as part of larger heathland, so presence of woodland possible but not confirmed. A combination of codes was used where appropriate.

2.4 Aerial photography

The most recent series was flown in 1997, and is currently available in true colour on CD giving whole county coverage with a scrolling tool. This proved a very valuable and time saving application for locating individual sites.

The quality of the photographs as viewed on screen was considered to be at least if not more accurate than those used in the original 1988 Inventory (black & white, E. Dorset only, flown from 1979-1983). However, the 1997 photographs were also available individually. The CD could be used to locate the reference number of the relevant photograph, which could then be loaded into other software applications (for example Adobe Photoshop) in order to increase picture quality through changes in contrast, hue and colour balance. This made it possible to further clarify between woodland types to a greater degree than available on the CD.

Other areas may have infra-red images available, the utilisation of which would allow greater clarity between different types of woodland vegetation (for example coniferous or deciduous woodland) via adjustment of colour frequencies. This facility is not currently available in Dorset but it is highly recommended.

Aerial photos were used primarily to judge, (a) whether the site still existed or whether any part of it had been cleared since the 1988 Inventory, or (b) to locate any obvious areas of plantation woodland, including changes in area between semi-natural and plantation woodland. The former situations were normally fairly easy to determine, although some

cleared areas that were not clearly agricultural, mineral or urban in nature were earmarked for further survey in case of restocking rather than clearance. The latter situations were fairly clear where the quality of the photo was good, and where regular coniferous plantation was visible: the colour and nature of the plantation can be obviously different from surrounding areas, and also correspond to more recent maps (MapInfo) and survey information (SNCI). However, where deciduous or mixed plantation was known or suspected, it was difficult to be conclusive about boundary changes, and these sites were noted as requiring field survey or further documentary evidence to determine the status and area of semi-natural and replanted woodland unless other data confirmed suspected changes.

2.5 SNCI survey data

Sites of Nature Conservation Interest (SNCI), sometimes known as County Wildlife Sites, can be an excellent source of up-to date-survey information: there are over 1200 SNCI in Dorset. The SNCI project is administered by the Dorset Wildlife Trust, with information on sites held at DERC who undertook much of the original survey work and ongoing site integrity monitoring.

The SNCI project began in 1990, and many of the early sites designated were those on the 1988 Inventory. Thus, over the intervening period data has been gathered on these sites, and many ancient woodland sites in Dorset are designated SNCI. This data can provide accurate details on area and boundaries of semi-natural and replanted woodland, on species present (including ancient woodland indicators), and sometimes locations of earthworks or other ancient features. Occasionally, survey data will suggest that the site is not ancient.

This data was used in compiling lists of sites that may or may not require further survey to bring information up to date. It was also compared against older survey data that was used in the 1988 Inventory, and any changes suggested were checked against other data sources and amended if appropriate. Where more than one survey has been conducted on SNCI sites, all survey dates are given. Survey data held by DERC dated earlier than 1990, which was sometimes used as evidence for designation in the first instance, was also included in this section. Only full SNCI site surveys were included; although record cards for invertebrates (some including indicator species) or other groups may also be held by DERC; these were not counted as site surveys.

2.6 Other survey data

Other survey information is available across Dorset. The 1988 Inventory made use of the 1982 Dorset Habitat Survey, where the entire County was mapped using Phase 1 survey techniques. This was considered to be accurate for sites less than 15 ha in extent. For those sites that remain without designation, this is usually still the most up to date source of information in the majority of cases. Some sites were covered by the West Dorset Ecological Survey conducted in 1978.

Other organisations also hold survey information for particular sites, for example National Trust Biological Surveys, site surveys conducted by The Woodland Trust, and in the case of Dorset those woodlands covered by NVC surveys conducted across SW England in 1990 by English Nature. DERC has also undertaken survey and NVC work for the Dorset Wildlife Trust (DWT) at some nature reserves containing ancient woodland.

2.7 Professor Good's Dorset botanical archive

Professor Good visited over 7000 individual sites in Dorset between 1931 and 1939 (covering all habitats, not just woodland) in preparation for the publication of his *Geographical Handbook of the Dorset Flora* in 1948. While the majority of this data will not be available on computer until early 2002, all sites have been coded and entered onto a database, and these codes have been attached to ancient woodland sites on GIS as a source of historical reference. For each site Good gave a species list and a brief habitat description. The availability of this data adds considerably to the historical context of sites in Dorset, and allows comparisons over a long time period.

2.8 Literature

Sources of literature regarding ancient woodlands in are wide ranging, giving a national perspective (for example, Rackham 1980; Marren 1990; Rose 1999) or a local context (for example, Horsfall 1991; Edwards 1996). Examples of local publications used in this report are given below.

Cantor & Wilson (1961-77) published a series of works researching the Mediaeval Deer Parks of Dorset through the *Proceedings of the Dorset Natural History & Archaeological Society* (DNHAS). These articles closely examined historical records of known or likely deer parks, and included field survey to describe landscape features such as boundary ditches and their situation within the mediaeval landscape. As woodlands often formed core components of such deer parks, these were described in the articles, and most were certainly of ancient origin with dates given where historical documents could be consulted.

A similar publication is that of Keen & Garreck (1987) which describes the history of the Weld Estate at Lulworth. There are many such estates across Dorset, but this is perhaps the best documented. These publications include chapters describing the history of the estate woodlands which clearly identify those which are ancient and those which are secondary in nature, along with more recent history and management.

Unpublished sources of information include M.Sc. and PhD theses with studies undertaken in Dorset, eg Warren (1976) and Noble (1987).

Literature from other counties was also consulted in order to investigate methods used in updating inventories when preparing the summary database (eg Surrey Wildlife Trust, 1997).

2.9 Personal communications

A number of the Inventory data sheets have notes attached to individual sites that have been visited by local naturalists or surveyors, who have an extensive knowledge of particular sites or ancient woodland in Dorset. These have been recorded under the information available for each site. In some cases, these sources of information have led to changes in classification of status (for example Dr J. Edwards whose notes often supersede those of the 1982 Dorset Habitat Survey) or simply added to the information present.

2.10 Other information

While the above-mentioned data formed the basis of the updating process, other information available was used as and when appropriate. An example of this is the Dorset Wildlife Trust (DWT) Reserve at Powerstock Common, an ancient site that had been partially replanted with conifers but is now slowly being returned to semi-natural status by the removal of planted species. A Phase 1 map from 1994 undertaken for the DWT gave detailed coverage of the current status of the site. A similar situation was cited in the 1988 Inventory regarding Duncliffe Wood, a site that has been largely replanted but is now being reverted to semi-natural status under the ownership of The Woodland Trust. However, no up-to-date map exists for this site so it has been left as marked on the English Nature website with a note that up-to-date survey information is required or data acquired directly from The Woodland Trust.

2.11 Information quality

A guide to the grading of information available for each site is given in Spencer (1988). A grade of 'good' was given if a site has all necessary information sources as given in that document. In this project, all information available was summarised against individual sites in code form, and a grade given. The original grade was also noted so that a comparison could be made and any change in grade noted. This also located sites that may require up-to-date survey to confirm their inclusion on the Inventory.

3. Guidelines for site assessment

3.1 Methods

Each individual site was assessed using various information sources available at DERC. The intention was to generate a database detailing all sites that had either, (a) been amended in comparison with the original Inventory, or (b) required further survey to be undertaken in order to clarify the status of individual sites

3.2 Use of information

Sources of information used in updating the Ancient Woodland Inventory should not be judged in isolation; the most accurate results are achieved based on all information considered together. In the case of Dorset, very few sites reveal more than minor mapping discrepancies or that several sources of information are contradictory.

This project consistently revealed that following a strict methodology for assessing individual sites was the best way to achieve accurate results that were comparable between all sites. However, as the project progressed new methods presented themselves and efficiency and accuracy increased. Collation of all available information prior to starting any inventory update is highly recommended.

Not all available sources of information were used in assessing ancient woodland sites; some surveys and reports were confidential and could not be cited in this report. The number of cases where this has occurred is very few. Similarly, several SNCI including ancient woodland are confidential by request of the landowner.

The majority of changes encountered involved the clearance of woodland, or changes in status between semi-natural and replanted woodland. The following situations are given as reference material to guide decision-making.

Examples in annotated map form are given in full in Appendix 2.

3.3 Cleared sites

Areas of woodland were regarded as cleared if for a specific purpose, ie agriculture, urban development or mineral extraction. Agricultural clearance was only designated as such when the aerial photograph or survey data showed very clearly that the area is improved or semi-improved grassland or other agricultural crops. If an area had no tree cover but appears rough or not agriculturally improved it was noted as requiring further survey to determine site status.

Recent coppicing was also taken into account. Even when regrowth has begun, these areas often appear smooth and even-aged, but not necessarily showing obvious tree cover. This is especially true if the coppice has few or no standards. Other sources of information were consulted to ascertain if the site is under active management.

Woodland does not consist solely of tree cover. Natural clearings, rides and glades, and also lakes, ponds and other water bodies are all considered as natural woodland features. Therefore, small areas that appear to have been cleared were not necessarily be designated as such. This includes areas of trees cleared beneath overhead cables (regarded as rides), areas of regenerating scrub and areas of trees removed to increase water features. Woodland edges often contain areas of scrub which are included within the woodland boundary.

Similarly, the presence of trees does not necessarily imply that the area is still woodland. An example of such a situation in Dorset is Buckshaw Brake where some trees still remain within the ancient woodland site boundary. However, the entire understorey and ground flora has been removed, leaving what can clearly be seen on an aerial photograph as improved grassland beneath sparse standards. This site was changed in status to cleared.

3.4 Replanted sites

SNCI data often reveals the occurrence of non-native species in semi-natural woodlands. Such underplanting has been used in Dorset to provide cover for birds in sites managed for shooting, and for timber production or amenity planting. The Inventory regards classifying a site as replanted to involve clear felling and subsequent replanting, so underplanting does not normally force a change of status. An example of this is given below at West Wood. However, in some cases extensive underplanting has resulted in sites being so far removed from semi-natural status that a change has been made. These sites were all designated as replanted in the 1988 Inventory with the decision made by the compiling officer. No changes of this type have been recommended in this study without first re-surveying the site to determine the exact status.

3.5 Interpretation and comparison of digital boundaries

The digital boundaries of ancient woodland sites held on the English Nature website were drawn from very small maps lacking detail. As such, the English Nature digital boundaries were over simplified and lacked accuracy.

These boundaries were downloaded to MapInfo and saved as a representation of the 1988 Inventory, with the cleared sites being digitised according to the OS 1885 maps as an additional layer. The boundaries were compared with others available at DERC on MapInfo to see if they required amending to increase mapping accuracy. This process in itself required a certain amount of data interpretation to ensure ancient woodland was mapped accurately rather than boundaries being changed simply to match up-to-date maps.

An ideal situation would be where boundaries from the English Nature website exactly matched those on the MapInfo vector map, and consequently boundaries on the OS 1885 maps. The former situation was virtually never encountered due to differences in accuracy between the two systems, although the majority of sites did follow MapInfo boundaries quite accurately. Where a digitised site from the English Nature website might have its boundary represented by 30 - 40 points joined together, the same area on the vector map might be represented by 4 -5 times as many points. Where boundaries of woodlands followed streams with sinuous edges, hundreds of points might be present. However, the boundary of the woodland on the ground would be exactly the same. Where English Nature boundaries followed MapInfo boundaries closely, these were amended to the MapInfo vector map.

In certain cases, the shape of the woodland site was very similar to that on MapInfo, but the boundaries would not exactly overlay one another. If the site looked as though it has 'slipped' in one direction by a short distance, this was normally taken to indicate inaccuracy or incompatibility between rectification systems where the different maps used did not lie exactly on top of one another. These sites were corrected to the MapInfo vector map. Where certain boundaries of a site matched well, but one area was inaccurate indicating that a slip had not occurred, sites were investigated further to try and ascertain the cause of the inaccuracy. Such cases were relatively rare.

The OS 1885 maps were rectified to the MapInfo vector map, and in the majority of cases the match was very close. Therefore, the only problems encountered in interpreting boundaries against the OS 1885 maps occurred where different boundary types were found, for example some would be clearly solid woodland boundaries, whereas other types included dotted lines, scattered trees with little or no enclosure, solid enclosure boundaries without woodland shown, or sometimes pathways or other unidentified lines. In these cases, the Inventory data sheets were consulted as these always give details of boundaries present on the OS 1805 maps, which usually clarify the situation, for example, where a smaller woodland in 1805 has expanded and the original boundary was now marked by an internal boundary or pathway.

Occasionally the boundary given on the English Nature website did not match any boundary evident on the OS 1885 maps or the Inventory data sheets. A few cases looked as though the digitisation had been inaccurate, whereas other sites resisted all attempts at understanding because of conflicting map data. In these cases, a re-examination of maps was normally suggested to give as much accuracy as possible before reaching a decision. Examples are given below.

The majority of the Inventory data sheets did give instructions as to which exact boundaries should be considered for inclusion in the Inventory. In a few cases, these remarks were overlooked when the boundary was drawn on the 1:50,000 maps. Where the evidence was very clear, these sites were amended as to the original instructions from the Inventory data sheets. In one case, an entire site had been digitised where it was clearly stated on the data sheets that the site should be deleted from the Inventory as secondary woodland that was not present on either the Isaac Taylor map of 1765 (open downland) or the OS 1805 map (mostly open or common land), although survey data suggested the presence of a number of vascular plant ancient woodland indicator species. This site was left unchanged with a recommendation for further map and field survey before possible deletion.

The OS 1885 maps were only one series used in the Inventory, and absence or other discrepancies should not be taken as evidence of the site not being ancient.

3.6 Site areas

When the original 1988 Inventory was prepared, site areas were estimated from maps on the Inventory data sheets, most of which are rather small. These areas were rounded to the nearest hectare, estimated using Romer dot counts. The boundaries were subsequently digitised, and the same areas transcribed onto the English Nature website database. The digitised areas will be updated by English Nature in due course.

At DERC, area figures are normally given correct to two decimal points, and thus there were changes in areas for all sites once transferred onto MapInfo. These differences were assessed site by site as to whether the difference generated actually represented a real change in area, and the majority of sites were found to be unchanged. In larger sites, the difference generated could be as much as several hectares without any change in area in real terms - this was simply due to the coarse nature and difference in scale of the digitised boundaries from the English Nature website to MapInfo and the accuracy of site area estimates.

Some site maps given on the Inventory data sheets show several boundaries drawn from a number of different sources. The area figures given sometimes do not state which exact boundary they represent, and several area figures were rather confusing. These sites were generally earmarked for further investigation to clarify the exact boundary that should be taken into account.

On the resulting spreadsheet produced, where 'no change' has been marked against the site in question, this should be taken as meaning that no change to the site has been made, and any difference in area between 1988 and 2000 has been assessed and a decision made that no change in area on the ground was evident.

4. Results

The results of this project are as follows:

- A revised digitised dataset of Ancient Woodland Sites in Dorset incorporating information available since the 1988 provision atlas.
- All information collated during, or generated by this project has been summarised in a set of spreadsheets (one for each 10km square) held at DERC. Each spreadsheet is

split into four sections: Site details, Information, Area Details and Further changes (see Appendix 1).

- An update to the English Nature Ancient Woodland Database (held at Peterborough).
- All English Nature Ancient Woodland data sheets for Dorset have been updated, specifying sources of information used to make any changes.
- Two sets of printed maps produced at 1: 50 000 showing all sites by 10 km grid square (held by English Nature).
- A list of sites requiring further survey and investigation to assess the current status (see Appendix 7).

4.1 Type of change

During the course of the project, changes to site boundaries and site information have been made and these are summarised below. As more than one type of change could be made at an individual site, the total number of sites affected is not simply a sum of the number of types of change made. Sites with corrections on the digitised boundary have not been included in the total number of sites for which changes have been made.

Type of change	Number of sites
Site Name (Appendix 3)	9
Grid Reference (Appendix 3)	15
Semi-natural and replanted area (Appendix 4)	62
Cleared area (Appendix 5)	49
Corrections to digitised boundary (Appendix 6)	55
Total number of sites affected	133
Total number of sites requiring further work/survey (Appendix 7)	42

4.2 Further work

Sites requiring further work or field survey are listed in Appendix 7 with details.

This project concentrated on information easily available at DERC. There are other possible sources of information; in particular organisations involved in current management of woodland, eg Forestry Commission records and The Woodland Trust.

5. Recommendations and conclusions

Updating the Ancient Woodland Inventory has been a worthwhile exercise. The GIS dataset now held at DERC is user-friendly, more accurate, and incorporates long-term SSCI survey work. DERC took a cautious approach to any changes, information was not judged in isolation, and no changes were made unless the evidence was clear.

The advantages of DERC undertaking this work were:

- access to technology to review each site individually, with current OS landline data, OS 6" County Series (1885-87) and recent aerial photographs (1997) available on screen (simultaneously if necessary);

- access to the original Data Sheets for comparison. This highlighted a few discrepancies with the original digitising work;
- access to much local information including recent survey work;
- digitised SSCI boundaries or habitat information for many sites;
- contacts with some site owners or managers who could provide more detail or confirm interpretation from aerial photographs.

However, it must be recognised that this work should be part of an ongoing process. There are 42 sites highlighted as requiring further survey work or investigation. Further funding will be sought to try and complete this work.

English Nature (Peterborough) receives occasional amendments to site information from a variety of sources. Currently this data is added to the Data Sheets and will lead to amendments on the GIS layer on the website. However, there is currently no mechanism for highlighting when sites have changed or informing DERC and other relevant organisations about these changes in more detail.

Neither is there a clear commitment to review all ancient woodland sites through a programme of monitoring. The Forestry Commission carry out a review of their own sites on a five year cycle, but do not review sites more widely. Therefore boundaries for most Dorset ancient woodland sites are likely to remain almost static for the foreseeable future.

Updating the Ancient Woodland Inventory is not a project that can be taken on lightly. There are serious time, cost and resources implications that have to be considered. DERC were fortunate to obtain funding for the majority of the work.

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Appendix 1 Ancient Woodland Inventory spreadsheets

All information collated during, or generated by this project has been summarised in a set of spreadsheets (one for each 10km square) held at DERC. Each site entry consisted of three rows of information. Each spreadsheet is split into four sections: Site details, Information, Area Details and Further changes.

Site details

- AW Number:** identification number assigned to each Ancient Woodland site by English Nature and listed on the current Inventory database. No change was made to any of these numbers.
- Site Name:** the name of the woodland site as identified on the Inventory;
- Grid:** eight figure grid reference for the centre of each individual site;
- Status:** site designations listed for individual sites, for example SSSI, SNCI;
- Structure:** woodland structure as ascertained through site survey information;
- Species:** phase 1 habitat type and prominent species present;
- Biodiversity:** biodiversity code for habitats present within each site.

The structure and species fields were compiled mainly from SNCI records by the DWT Woodlands Officer and also from SSSI notification schedules. Sites not covered by any designations have been summarized according to the Dorset Habitat Survey 1982 as used in the 1988 Inventory unless more recent comments were available.

Information

- Maps:** lists all maps used in assessing site status, giving a presence (Y) or absence (N) code or left blank to indicate that source of information was not consulted. Other codes include: (?) site possibly present/presence uncertain; (P) site partially present; (E) site present as enclosure (sometimes named) but not marked as woodland; (C) site present on common land but not necessarily marked as woodland; (H) site part of heathland so presence of woodland uncertain but not discounted.
- Information:** lists all sources on information available for individual sites in code form. Top row includes all survey information; second row includes aerial photos consulted; third row indicates any other sources of information available.
- AW Info:** Code for quality of information available for each site. Source of classification given so any changes can be seen.
- AW Info:** Code for certainty of ancient status of each site. Source of classification given so any changes can be seen.

Appendix 1

Area details

Source:	row identifying source of area figures listed;
Site:	whole site area including semi-natural, replanted and cleared areas;
Extant:	area currently under woodland cover (semi-natural and replanted areas);
SN:	semi-natural area;
RP:	replanted area;
CL:	cleared area;
Cleared:	reason for clearance of woodland (listed against each source as necessary);
Changes:	any changes made from 1988 Inventory listed against individual sites;
Evidence:	source of information used in assessing changes made.

Further changes

Details:	sites where changes were suspected but not proven conclusively listed with details of possible changes;
Action:	action required to assess site status for sites listed above;
Survey:	column labelling those sites that require survey, to be used for selection of sites via sort function.

Abbreviations

Below are given details of abbreviations used to denote specific information used in determining the status of ancient woodlands in Dorset. The abbreviations included in the spreadsheets are intended as a quick guide to the quantity of information available for each site.

Only where specifically indicated should an apparent lack of information be taken to cast doubt over the ancient woodland status of a particular site. In all other cases, the original Ancient Woodland Inventory for Dorset data sheets (held by English Nature) has included sites based on cumulative information including notes about historical mapping inaccuracy, ancient boundaries or other local records.

Maps	IT 1765	Isaac Taylor Map of Dorsetshire 1765.
	OS 1805	Ordnance Survey 1" 1st Edition (surveyed 1805-11). David & Charles reprints.
	OS 1885	Ordnance Survey 6" County Series (surveyed 1885-87; Revised 1900-01).
	OS 1901	Ordnance Survey 1:25000 1st Series (surveyed 1901-38). Produced from 6" sheets in Dorset.
	OS 1948	Ordnance Survey 1:25000 Provisional Series 1948.
	OS 1963	Ordnance Survey 1:25000 2nd Series (surveyed 1963-74).
	OS 1968	Ordnance Survey 1:50000 Landranger Series (published 1968-72).
	FC 1984	Forestry Commission Stock Map 1984.

Appendix 1

- Survey **GOOD 1931** Sites visited by Prof. R. Good between 1931 - 1939 during preparation of the *Geographical Handbook of the Dorset Flora* p (1948). Notes include a full species list and brief ecological anecdotes. Only sites clearly lying within Ancient Woodland sites have been attached.
- AH 1978** Survey of NE Dorset Woodlands by Ann Horsfall for the NCC.
- WDES 1978** West Dorset Ecological Survey 1978.
- DHS 1982** Dorset Habitat Survey 1982-83. Whole county Phase One habitat survey conducted by NCC/Manpower Services Commission. Entries that describe non-woodland areas, ie cleared ancient woodland, have not been attached.
- NT 1982** National Trust Biological Survey 1982.
- NT 1995** National Trust Biological Survey 1995.
- NVC 1990** Heath, M.J. & Oakes, H., 1990. *Woodland surveys in south-west England using the National Vegetation Classification*. (NCC: CSD Commissioned Research Report 1239).
- DERC (date)** Site surveys produced by the Dorset Environmental Records Centre under contract to other bodies, often the Dorset Wildlife Trust. These are normally site specific and include a full site description and NVC survey.
- SNCI (date)** Sites of Nature Conservation Interest surveys with dates. Survey normally includes site and habitat description including surrounding habitat, full botanical species list detailing Dorset Notable and indicator species (also occasionally insects, birds and other species), and a simple Phase 1 habitat sketch map. Dates given earlier than 1990 refer to site survey information held at DERC as part of the SNCI notification details, but information that was not used in site designation is not attached.
(N) - site not surveyed/survey of non-woodland component.
(P) - site is part-SNCI.
(C) – site is confidential.
(R) – site was surveyed as potential SNCI but rejected.
- SSSI (date)** Site surveys and schedule with dates. These are normally quite extensive and include schedule of notification stating the features of special interest. Dates after 1988 are new to the Ancient Woodland Inventory as previous surveys were used in the 1988 Inventory.
(P) - site is part-SSSI.
- Aerial **AP 79** Ordnance Survey: b/w 1979-1982 (used during preparation of NCC 1988 Inventory).
Photograph numbers given where available.
- AP 97** Dorset County Council: colour 1997. Photograph numbers given.




Appendix 1

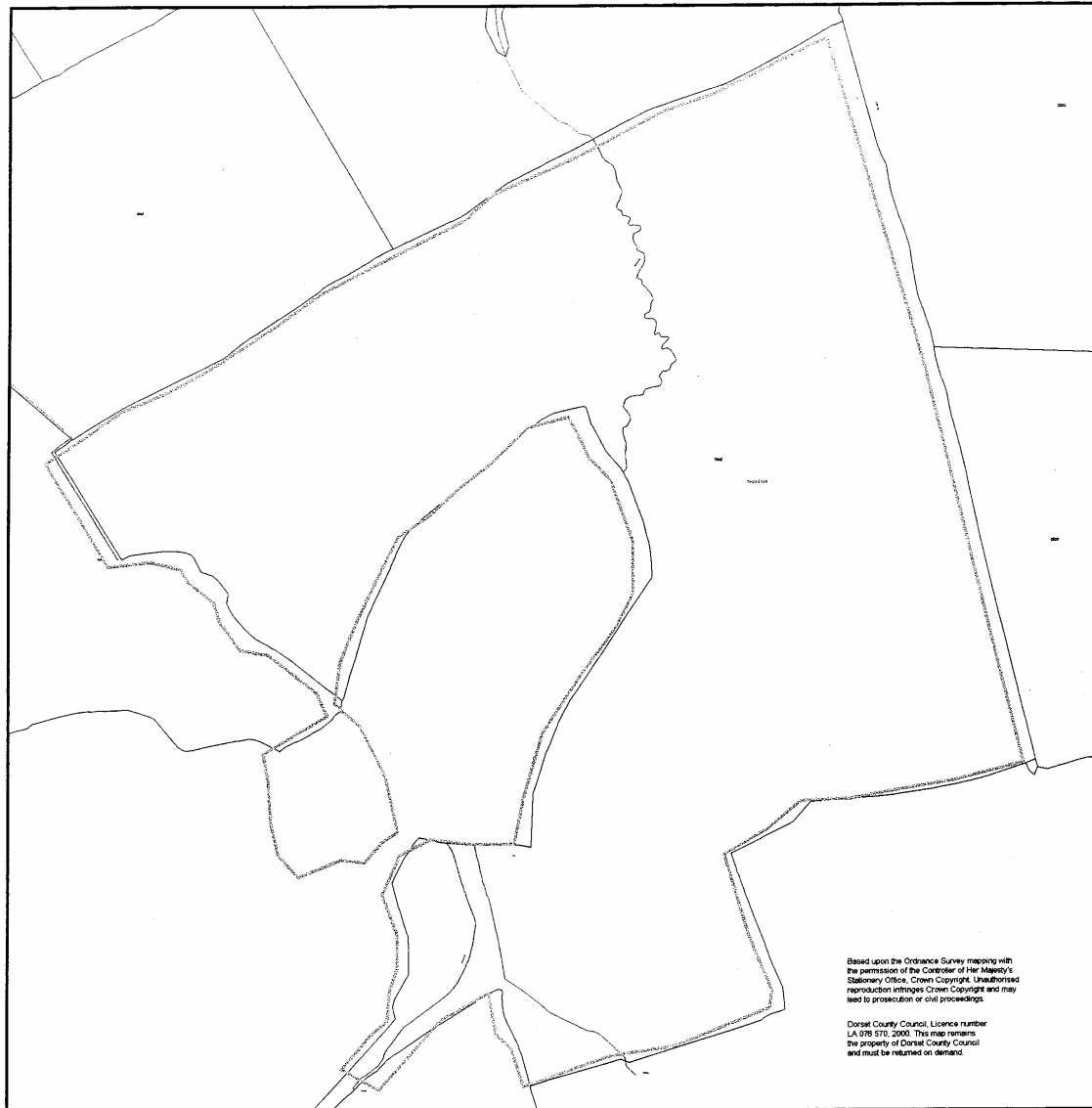
Other	LIT	Literature (code in brackets). Specific literature relating to Ancient Woodland in Dorset. (KG) Keen & Garreck (1987). <i>Historic landscape of the Weld Estate</i> . (JN) Noble, J. (1987). The future of semi-natural ancient woodland; a study of West Dorset. Unpub. M.Sc. Thesis, University College of North Wales, Bangor. (CW) Cantor & Wilson (1961-77) Mediaeval Deer Parks of Dorset. <i>Proc. DNHAS</i> . MW) Warren, M.S. (1976). Dorset Woodlands: their history and conservation. Unpub. M.Sc. Thesis, University College, London.
	LOC	Estate Records and historical or other publications relating to specific areas (details/dates in AWI data sheets).
	PERS	Personal communication with/notes from individuals that has provided information used in the preparation of the Ancient Woodland Inventory in Dorset.
Area	NCC 1988	Area given in NCC 1988 Inventory printout.
	EN (date)	Area given by official English Nature update since 1988. These mostly refer to SSSI notification dates.
	DERC 2000	Area given via MapInfo during current updating process.

Appendix 2 Illustrated examples

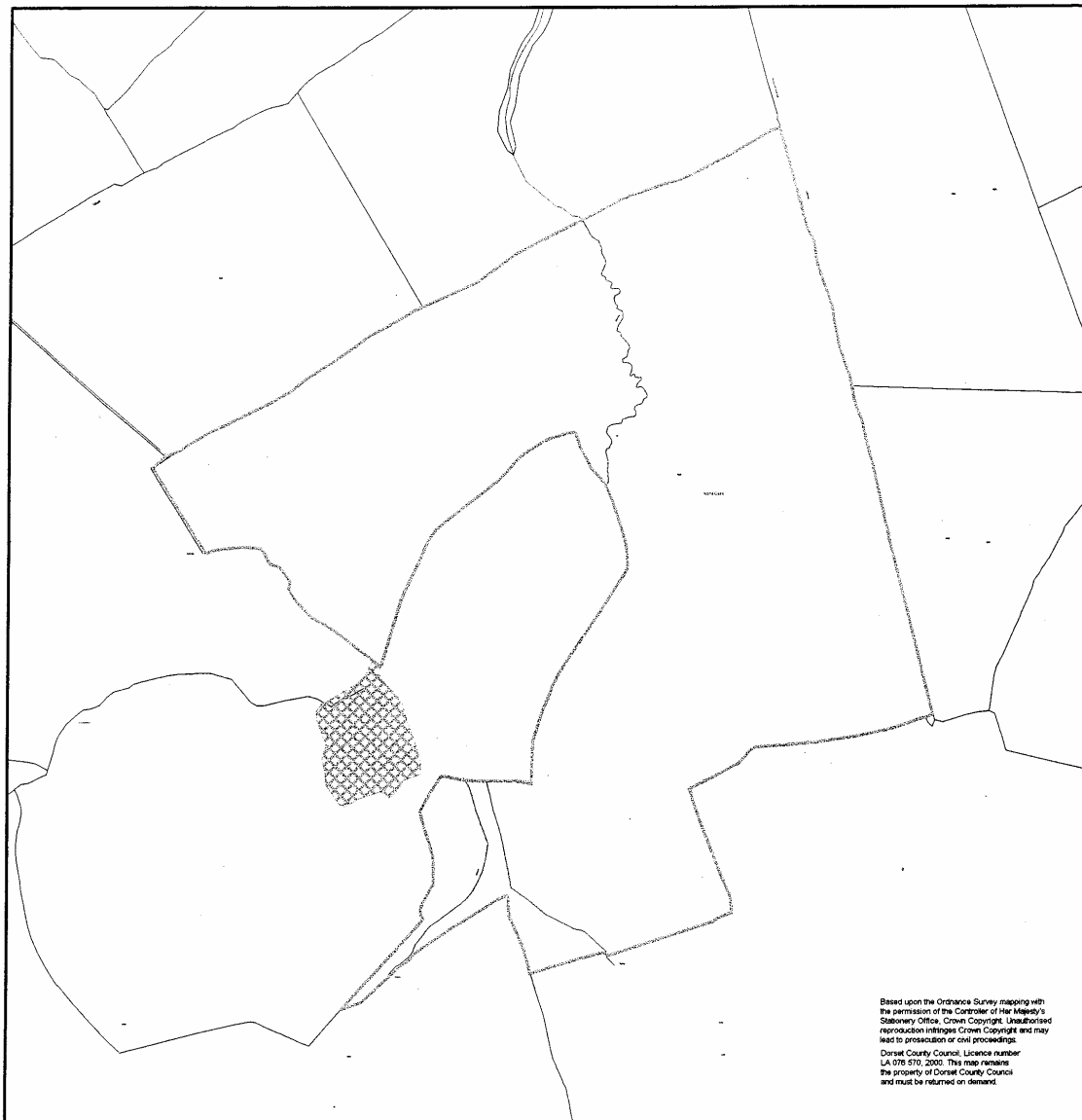
The following pages give examples of decisions made when interpreting maps and aerial photographs. The aerial photographs have been adjusted for clarity of image, but do not reproduce as accurately on paper as they do on screen.

The following is a key for the maps:

-  Semi-natural ancient woodland
-  Replanted ancient woodland
-  Cleared ancient woodland



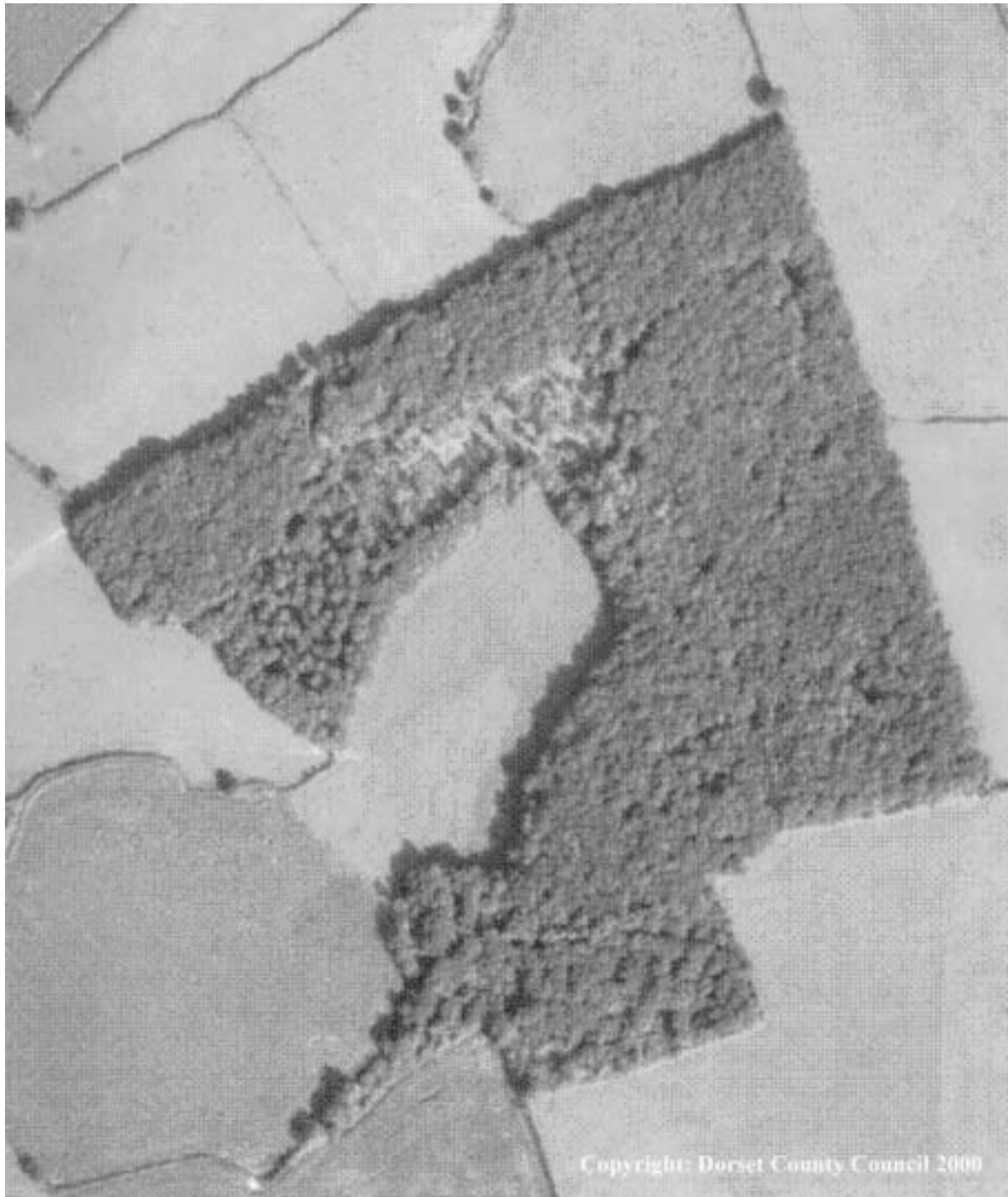
AW1017571 Horse Close Wood (ST718044)



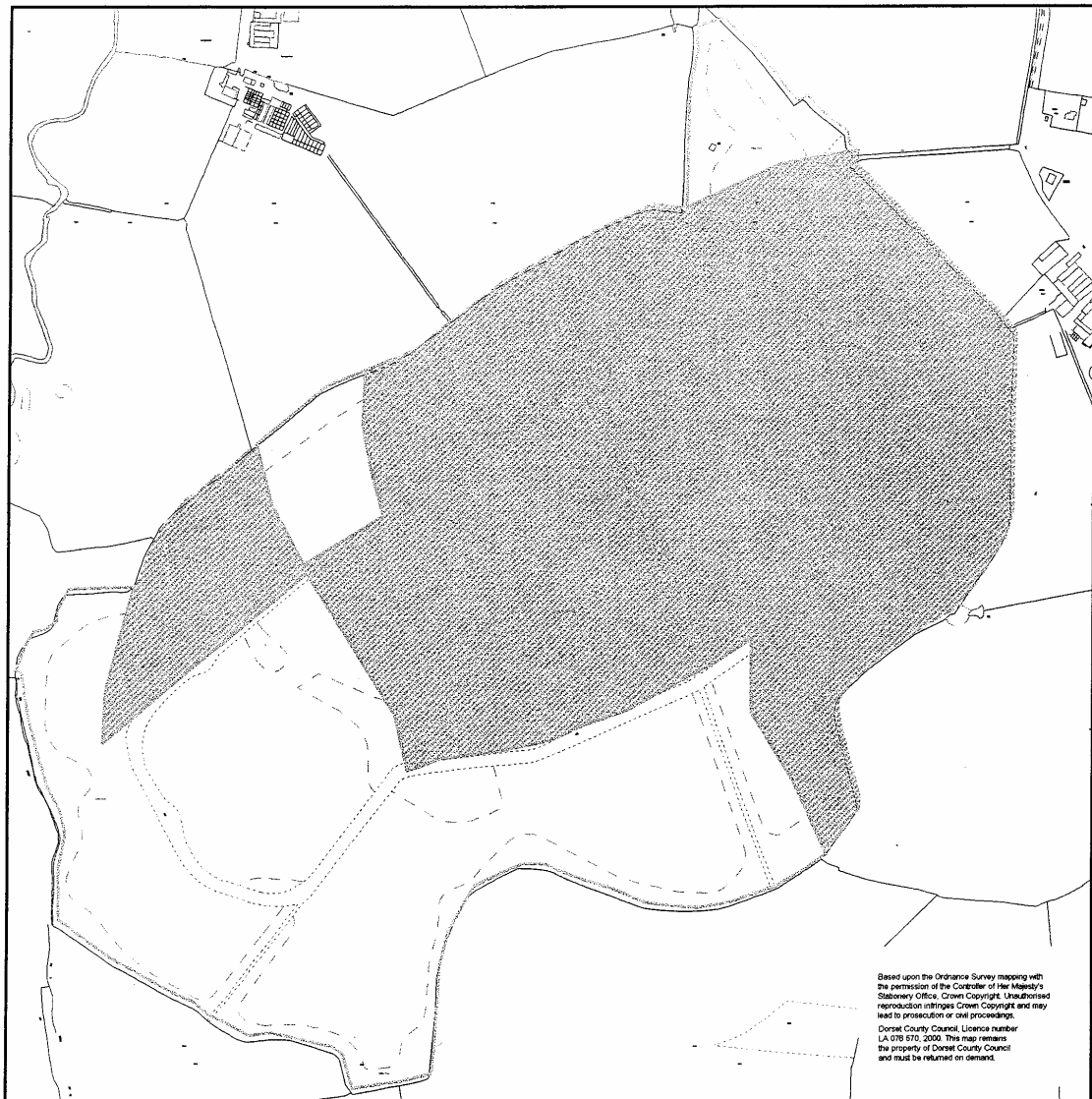
AW1017571 Horse Close Wood (ST718044)

A site that corresponds very closely to boundaries on the MapInfo vector map. The small inaccuracies can be interpreted as rectification and scale differences. While only a small correction was necessary in such cases, this could often be achieved quickly where the site was already designated SNCI and the boundary could be cut and paste into the ancient woodland layer.

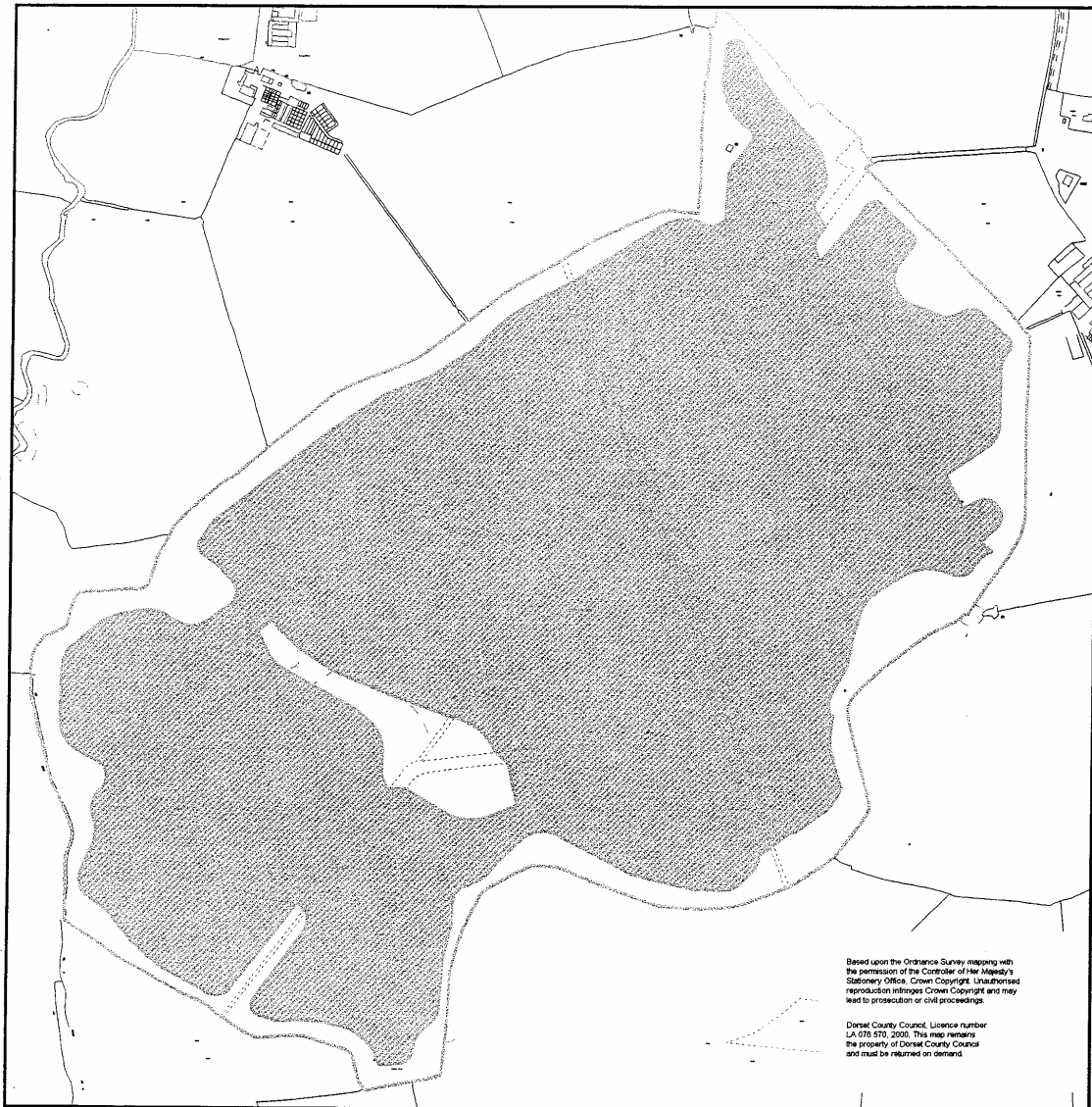
The majority of sites encountered in Dorset matched this example: only very slight corrections were necessary to achieve ultimate accuracy.



AW1017571 Horse Close Wood (ST718044)



AW1017165 Clifton Wood ST 573 125



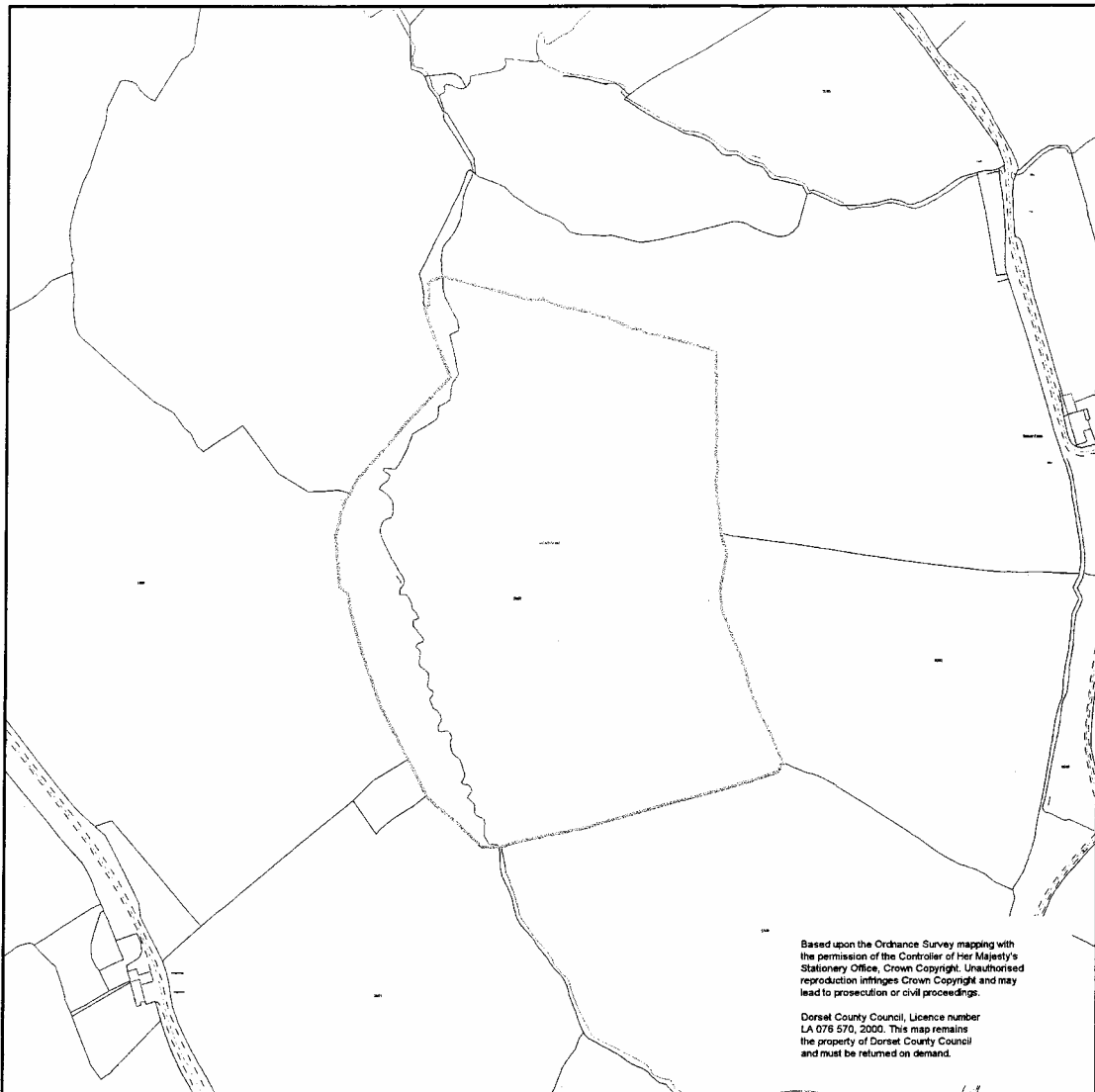
AW1017165 Clifton Wood ST 573 125

A site where changes to semi-natural and replanted areas were made because of very clear evidence from aerial photography. In this case, the vegetation boundaries between semi-natural and replanted areas were already mapped on the MapInfo vector map. With sites where this was not the case, the areas had to be drawn freehand, trying to achieve as close a match as possible using aerial photography, Phase 1 sketch maps where these were available for SNCI surveys, and any other information as and when available.

Where exact clarification could not be achieved, due to lack of information, poor quality aerial photography, or difficulty of interpretation for example between semi-natural woodland and broadleaf plantation woodland, the sites were left unchanged and marked for field survey to determine exact boundaries.

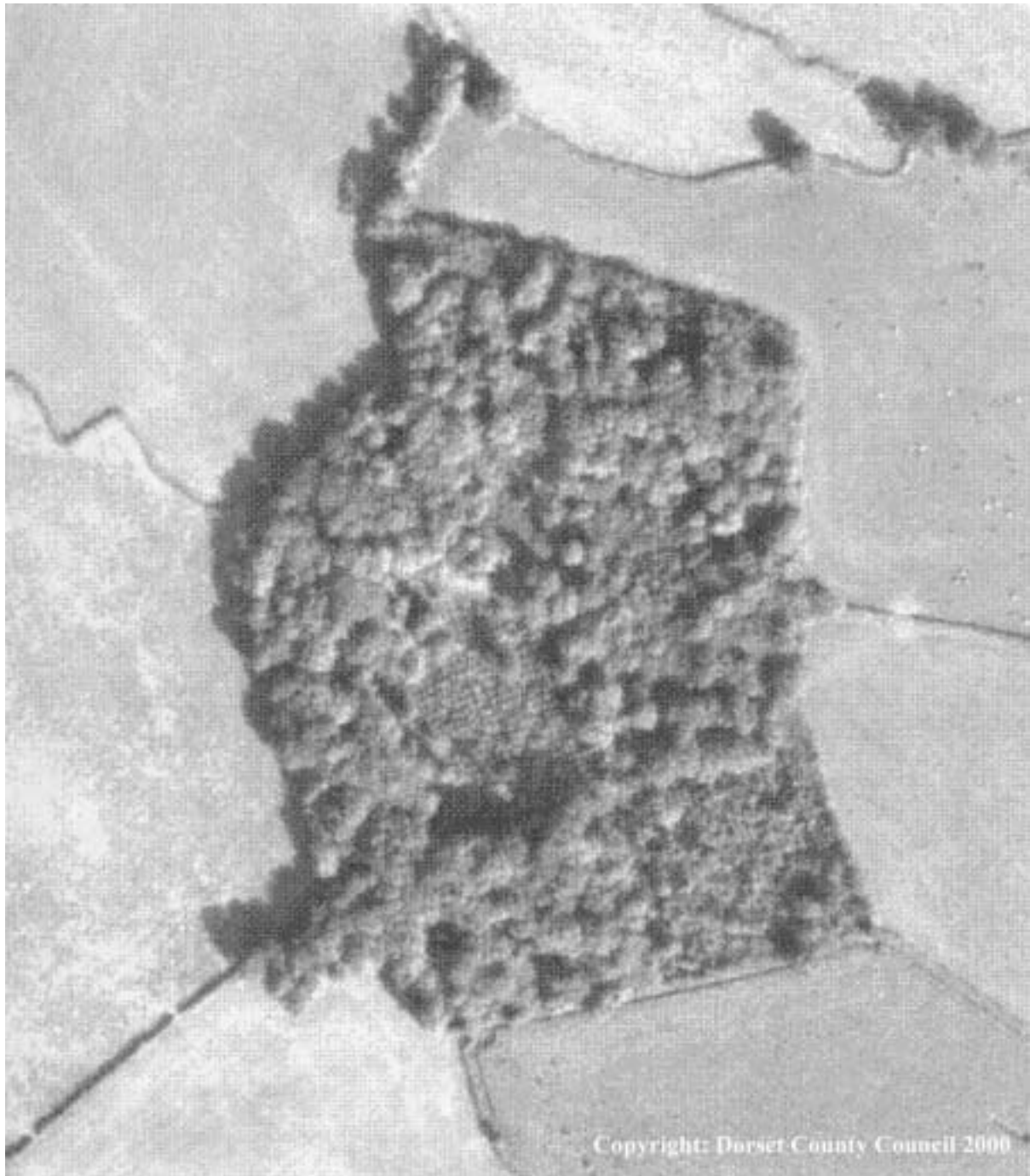


AW1017165 Clifton Wood ST 573 125

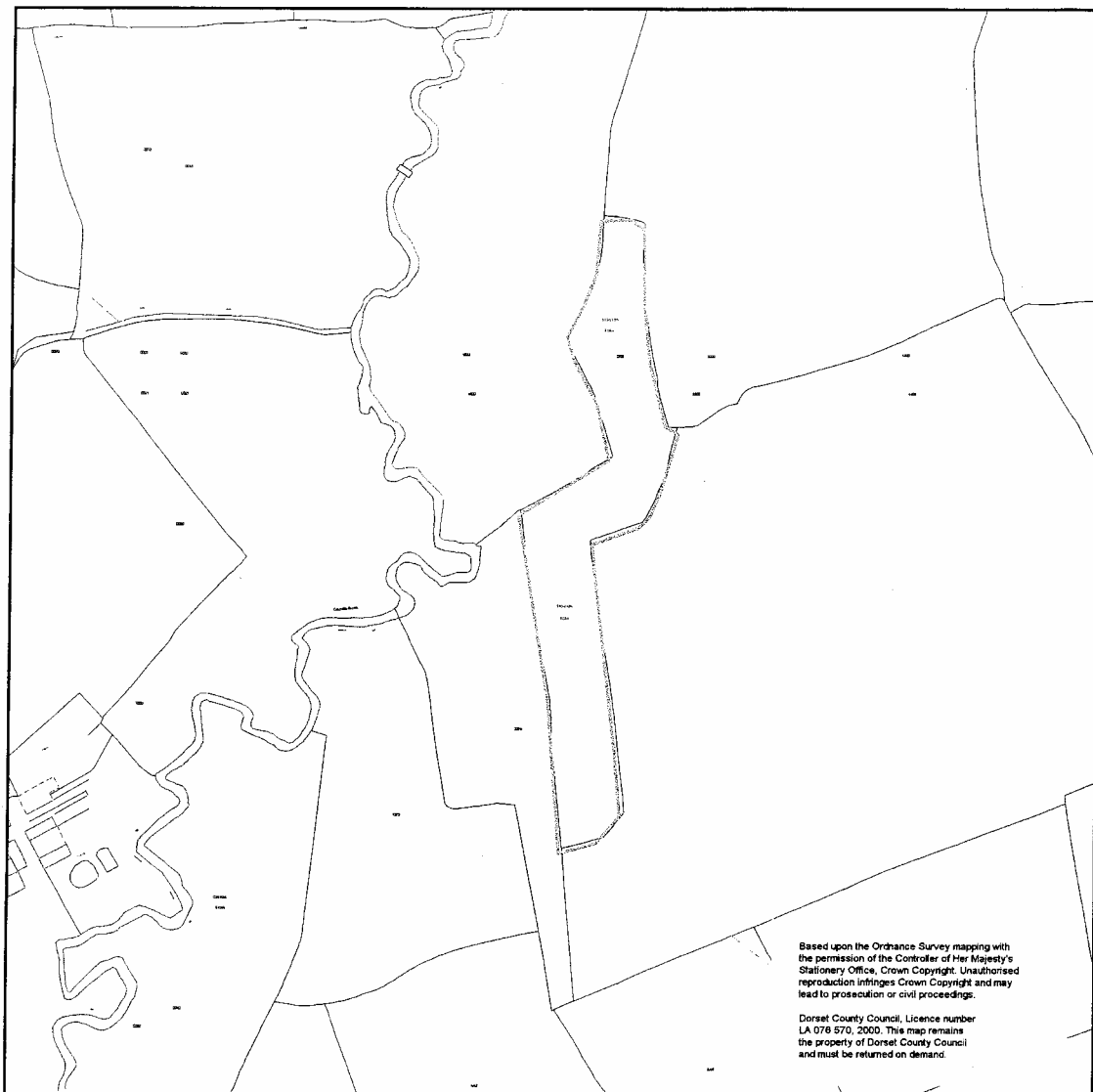


AW1017332 West Wood ST 634 056

A site noted in SSCI survey as partially felled and replanted with deciduous species. These areas can be clearly seen on aerial photography, but no change in status was made as the area was not clear-felled prior to planting, with some standards and most of the field and shrub layer remaining. Further survey may reveal that visible areas were clear-felled and replanted with broadleaved species, but the aerial photograph and summary information alone were not taken as conclusive in this case.



AW1017332 West Wood ST 634 056

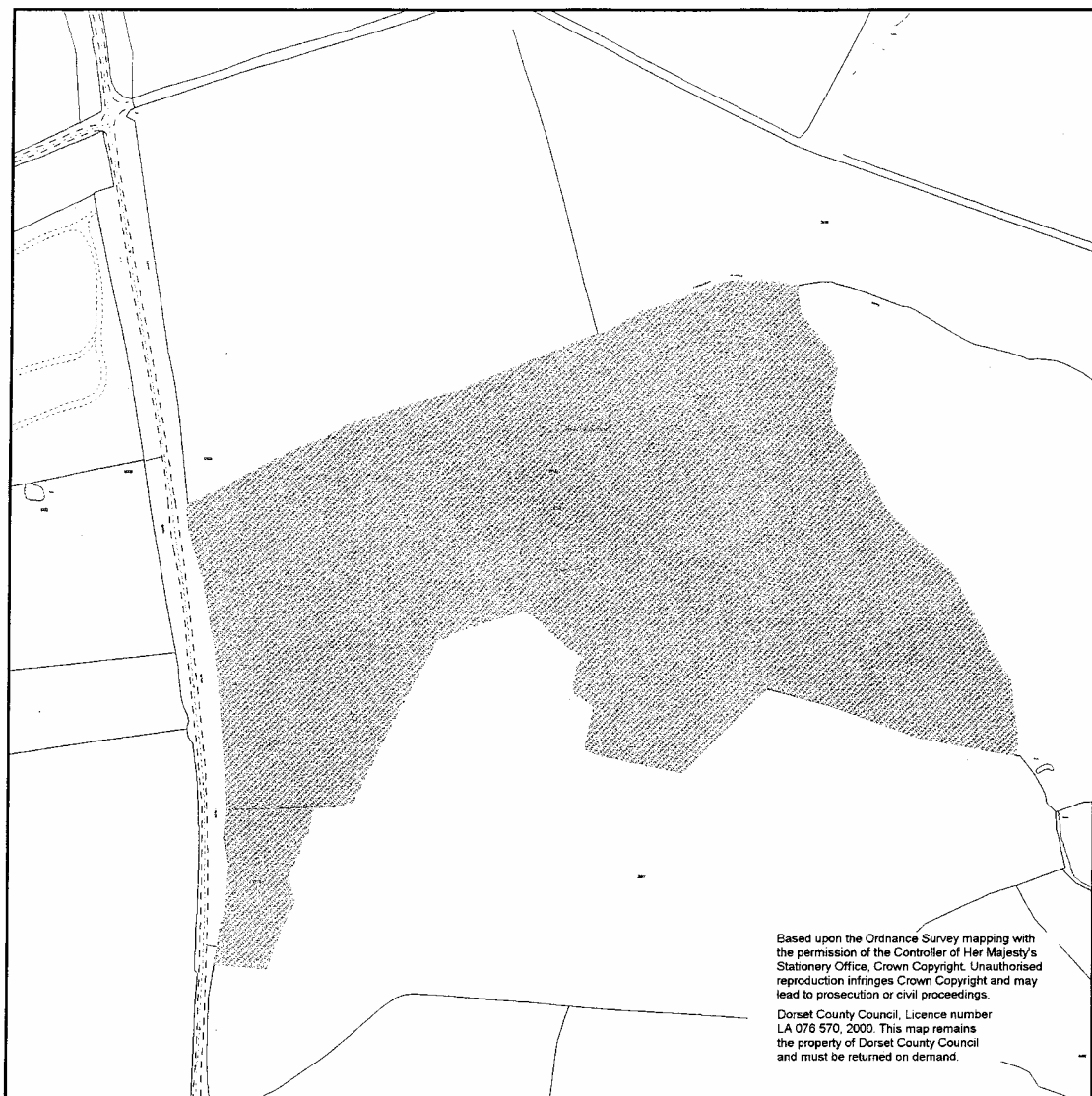


AW1017388 Buckshaw Brake ST 682 119

A site that retains scattered tree cover, but where aerial photography clearly shows the absence of understory and field layer. Between the trees the ground can clearly be seen to be grassland. This site was re-classified as cleared ancient woodland.



AW1017388 Buckshaw Brake ST 682 119



AW1017392 Bishops Caundle Wood ST 693 140

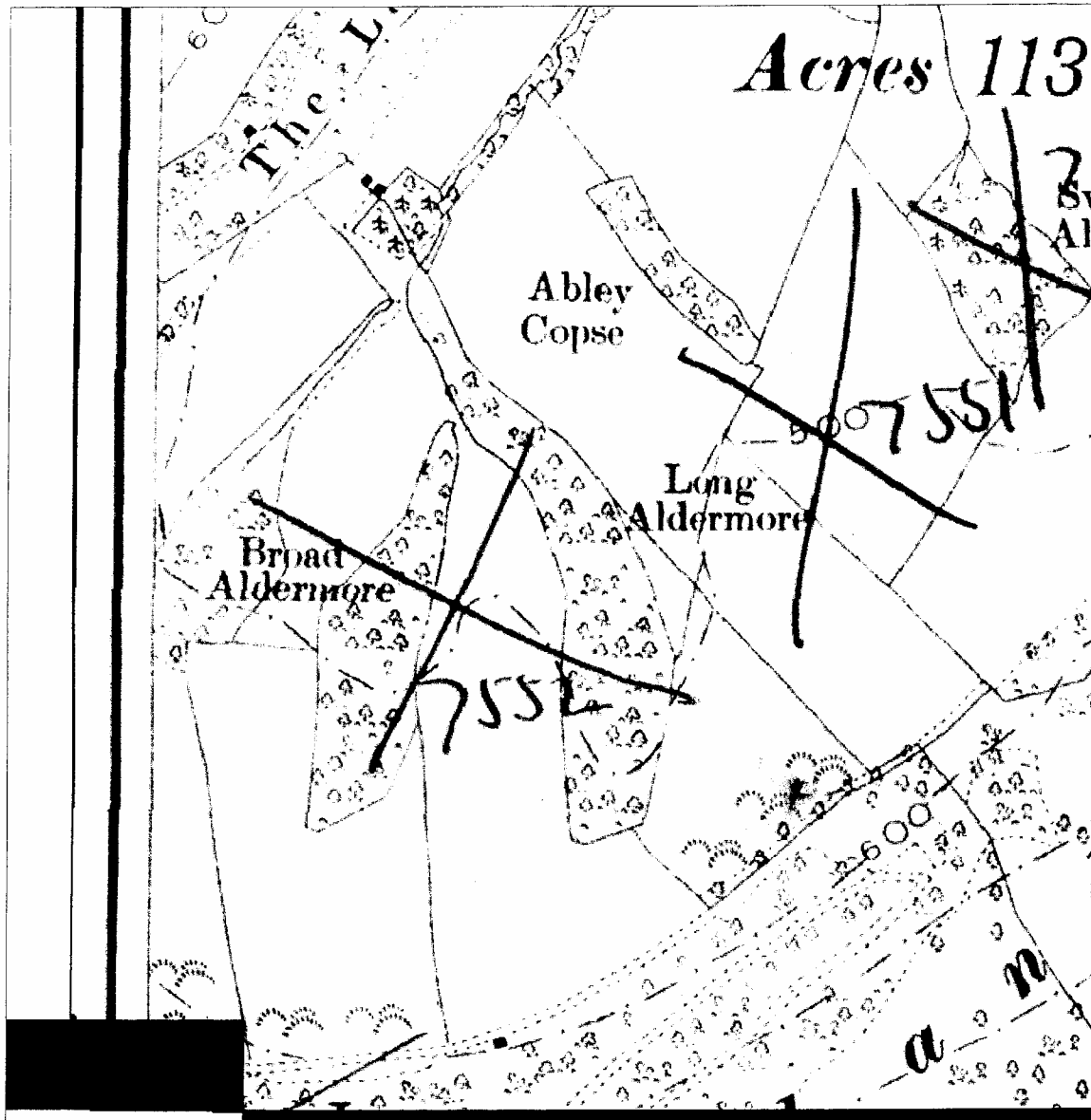
A site that contains an area that appears to have been cleared. However, the area is not obviously grassland or agricultural but appears rough, so the replanted classification was retained with a note for further survey to clarify status.



AW1017392 Bishops Caundle Wood ST 693 140



AW1017598 Broad & Long Aldermore ST 777 062



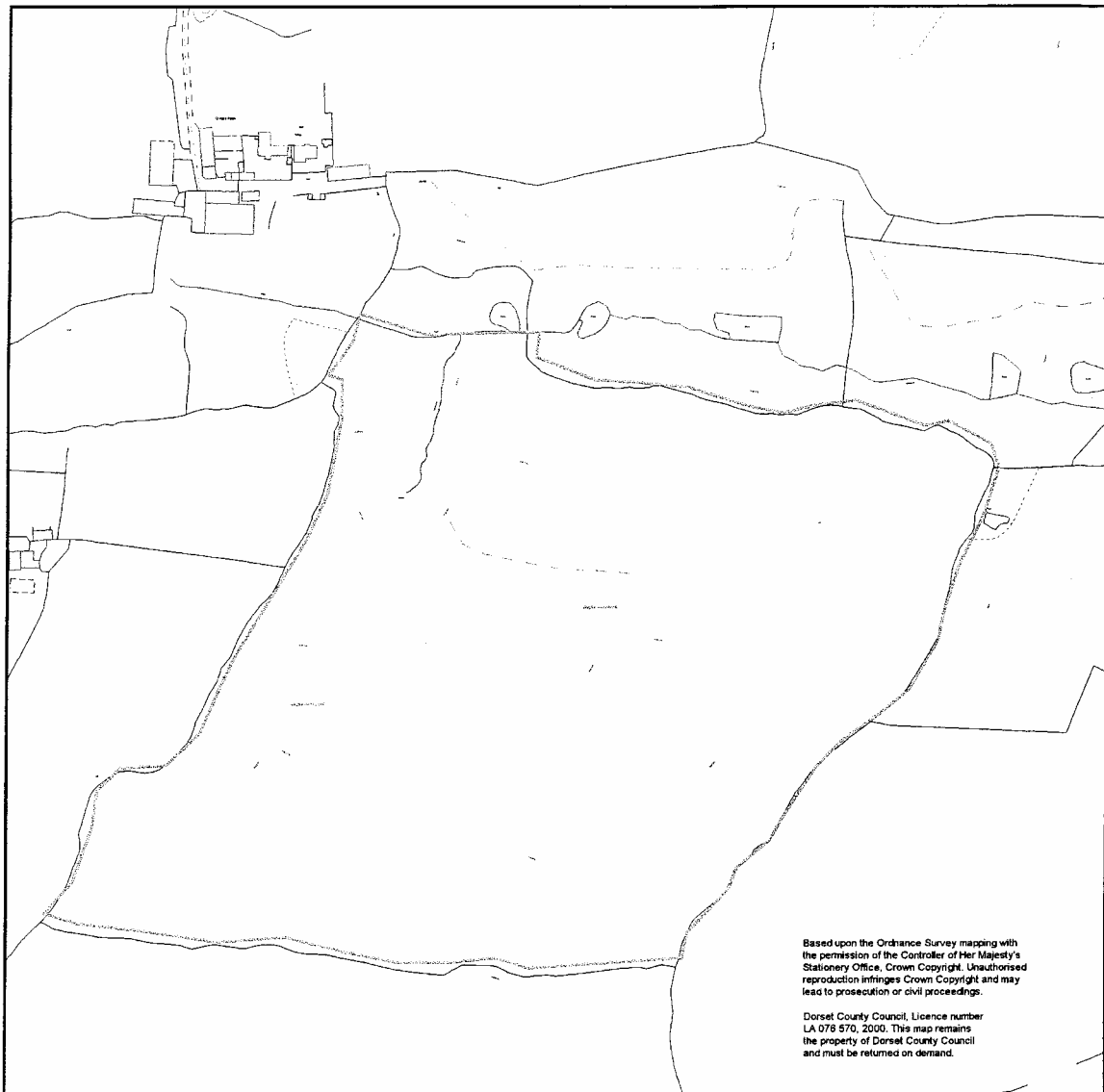
AW1017598 Broad & Long Aldermore ST 777 062

A site with woodland partially absent on the OS 1805 and OS 1885 map which has probably regenerated rather than been replanted. This information was given by the SNCI site surveyor, who stated that the site was too wet for agriculture or commercial forestry. There is no category for regenerating woodland on an ancient site, so the classification was left as semi-natural.

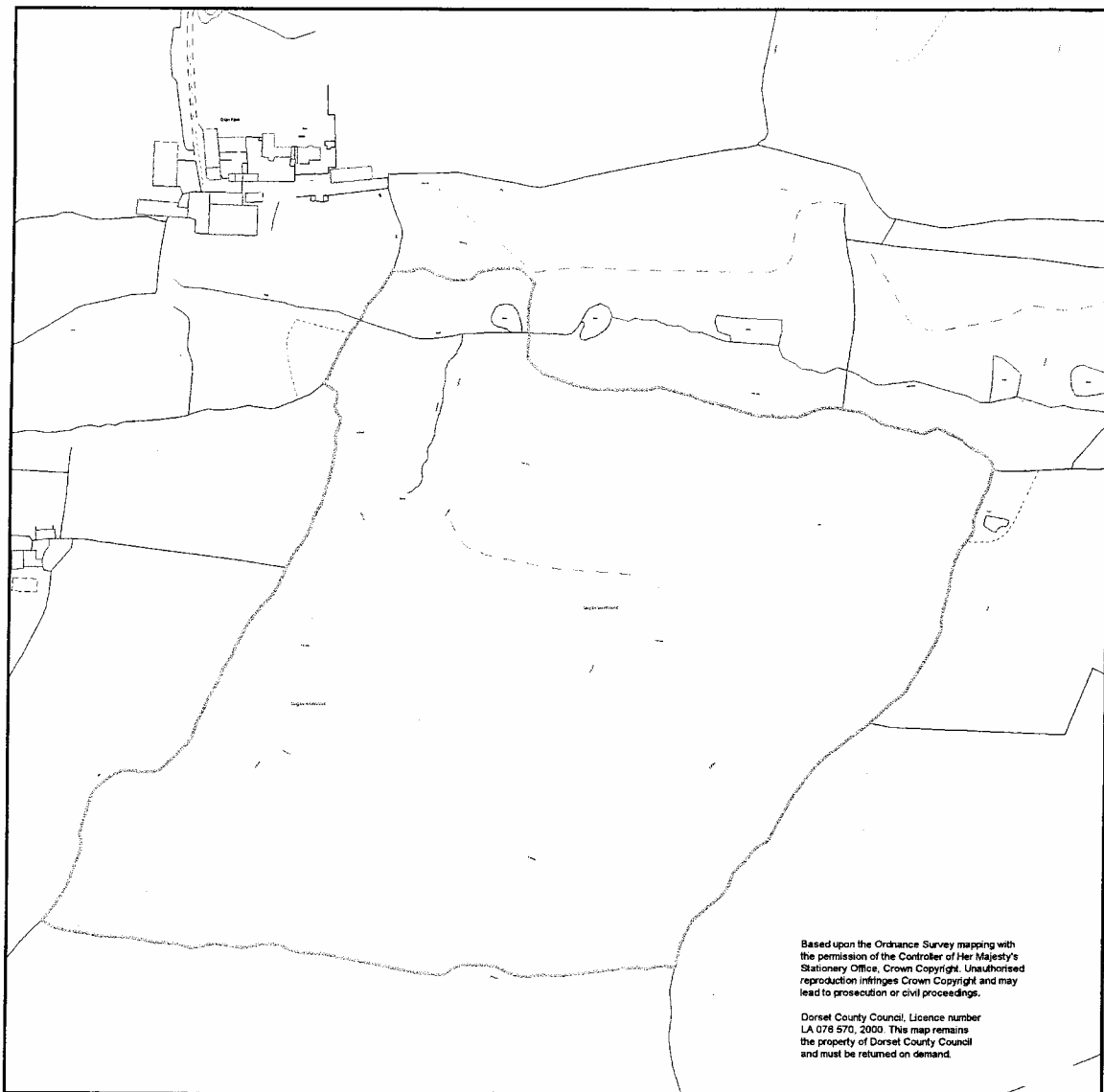
This example is included to demonstrate where local information can clarify woodland status where map information alone might suggest another outcome.



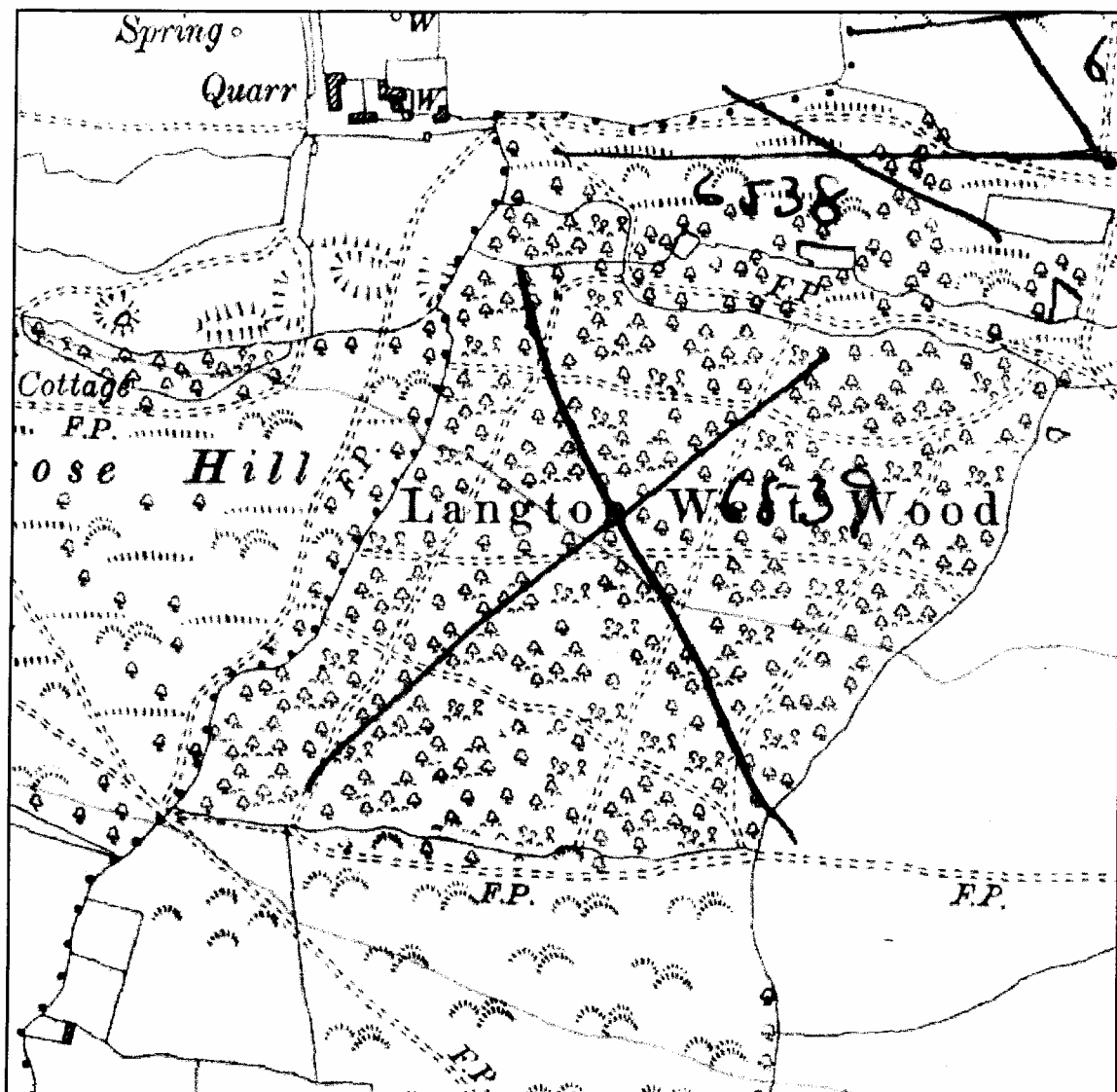
AW1017598 Broad & Long Aldermore ST 777 062



AW1023048 Langton West Wood SY 991 795



AW1023048 Langton West Wood SY 991 795



AW1023048 Langton West Wood SY 991 795

Example of a site where the boundary was incorrectly digitised at English Nature. The boundary as shown on the Ancient Woodland Inventory data sheets clearly includes a section in the north-west of the site that was not digitised. This error has been corrected. The aerial photograph shows that the entire area is still wooded, so the section was not omitted due to clearance. The OS 1885 map also shows this boundary.



AW1023048 Langton West Wood SY 991 795

Appendix 3 Changes in site names and grids

Grid references were amended on the sites listed below:

AW Number	Site Name	Grid
AW1016774	Middle & Queentree Coppices	ST 349 039
AW1016798	Rapehole Coppice	ST 393 053
AW1016938	Pigs Moor & Ryewater Coppices	ST 497 061
AW1017120	Middle & Twelve Acre Coppices	ST 504 060
AW1017325	Old Wood	ST 606 012
AW1017346	Princes & Lyons Woods	ST 655 066
AW1017347	Hurdley Wood	ST 658 072
AW1017351	Grange, Bridge & Black Woods	ST 665 069
AW1017618	Stock Wood	ST 729 133
AW1017870	Park Wood	ST 801 044
AW1017900	Park Coppice	ST 843 115
AW1017919	Palemead Coppice	ST 830 253
AW1017930	Brickells Cliff	ST 865 240
AW1018304	Brach Copse	SU 008 037
AW1023057	"Whiteway Farm Wood"	SY 924 815

Site Names were amended on the sites listed below:

AW Number	Site Name	Grid	Formerly Named
AW1017120	Middle & Twelve Acre Coppices	ST 504 060	Rye Water/Middle Coppices
AW1017156	Chantmarle Moor	ST 588 031	Fortune's Wood
AW1017324	Alder Moor	ST 605 045	Woolcombe Wood
AW1017598	Broad & Long Aldermore	ST 777 062	Chitecombe Wood
AW1017601	Chitcombe Aldermore	ST 783 067	Chitecombe Farm Wood
AW1017629	Hile Coppice	ST 794 118	Hile Copse
AW1017637	Whistley Coppice	ST 784 288	Whistley Wood
AW1023001	Eight Acre Coppice	SY 842 882	Light Acre Coppice
AW1023071	Harman's Copse	SY 985 803	Harmans Cross Wood

Appendix 4 Changes to areas of semi-natural or replanted woodland

Site details		Area details							Changes	Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL		
AW1016774	Middle & Queentree Coppices	ST 349 039	NCC 1988 DERC 2000	12.00 12.83	12.00 12.83	4.00 3.65	8.00 9.18	0.00 0.00	Slight change to SN and RP areas.	MapInfo AP97
AW1017165	Clifton Wood	ST 573 125	NCC 1988 DERC 2000	82.00 80.05	82.00 80.05	29.00 15.73	53.00 64.32	0.00 0.00	Very clear changes: some semi-natural areas now replanted.	AP97 SNCI data
AW1017342	Cerne Park	ST 649 013	NCC 1988 DERC 2000	15.00 19.91	15.00 16.77	15.00 16.77	0.00 0.00	3.14 3.14	Changes to SN/RP/CL areas. Complex site incorrectly digitised at EN from AWI DS. Corrected mostly to OS 1885.	AWI DS OS 1885
AW1017346	Princes & Lyons Woods	ST 655 066	NCC 1988 DERC 2000	40.00 37.89	40.00 37.89	6.00 8.76	34.00 28.93	0.00 0.00	Semi-natural areas added as detailed in recent SNCI survey.	MapInfo SNCI data
AW1017349	Gore Wood	ST 660 066	NCC 1988 DERC 2000	19.00 19.79	19.00 19.79	0.00 0.72	19.00 19.07	0.00 0.00	SN area shown on AWI DS and EN GIS but not included in area figures - all included here.	AWI DS
AW1017372	Middle & East Woods	ST 622 108	NCC 1988 DERC 2000	30.00 33.08	30.00 33.08	5.00 3.77	25.00 29.31	0.00 0.00	Slight changes to SN and RP areas: AWI DS followed and amended via AP97.	AP97
AW1017375	Honeycombe Wood	ST 634 145	NCC 1988 DERC 2000	73.00 69.27	73.00 69.27	29.00 32.79	44.00 36.48	0.00 0.00	Slight amendemnts to SN and RP areas.	AP97
AW1017581	Melcombe Park	ST 742 044	NCC 1988 DERC 2000	73.00 68.88	73.00 68.88	0.00 18.26	73.00 50.62	0.00 0.00	AWI DS states site RP, whereas EN GIS states site is SN. Changes to SN and RP areas made according to recent survey.	SNCI data AP97
AW1017584	Fern Wood	ST 754 032	NCC 1988 DERC 2000	7.00 6.66	3.00 2.40	3.00 0.85	0.00 1.55	4.00 4.26	Change of part of site from SN to RP	SNCI data AP97
AW1017591	Locketts Copse	ST 767 079	NCC 1988 DERC 2000	2.00 1.90	2.00 1.90	0.00 0.00	2.00 1.90	0.00 0.00	Although area figures OK, incorrectly digitised at EN: amended from SN to RP.	AWI DS
AW1017592	Thorncroft Copse	ST 767 085	NCC 1988 DERC 2000	3.00 2.27	3.00 2.27	3.00 1.60	0.00 0.66	0.00 0.00	Central areas felled and replanted.	AP97 SNCI data

Site details		Area details										Evidence
AW Number	Site Name	Grid		Source	Site	Area Extant	SN	RP	CL	Changes		Evidence
AW1017628	Park Coppice	ST 792	170	NCC 1988 DERC 2000	6.00 5.93	6.00 5.93	6.00 2.21	0.00 3.72	0.00 0.00	NW section changed to mixed plantation.		AP97 SNCI data
AW1017630	Piddles Wood	ST 796	130	NCC 1988 DERC 2000	63.00 65.99	63.00 65.99	49.00 52.27	14.00 13.72	0.00 0.00	Slight amendments to SN and RP areas. Area outside SSSI boundary to SE incorrectly digitised at EN - not wooded.		AP97 AWIDS
AW1017659	Bagmore Wood	ST 790	309	NCC 1988 DERC 2000	9.00 8.84	9.00 8.84	9.00 0.00	0.00 8.84	0.00 0.00	Entire site felled and replanted during the 1980's.		AP97 SNCI data
AW1017661	Silton Wood	ST 794	307	NCC 1988 DERC 2000	6.00 5.40	6.00 5.40	6.00 0.67	0.00 4.73	0.00 0.00	SN area largely replanted with mixed species; SN fringe remaining.		AP97 SNCI data
AW1017894	Conygar Coppice	ST 813	119	NCC 1988 DERC 2000	15.00 14.57	12.00 11.94	0.00 2.81	12.00 9.13	3.00 2.63	Incorrectly digitised at EN: should have been all RP as area figures. Part CL area now RP. SN fringe added.		AWIDS AP97 SNCI data
AW1017895	Tan-Hill Copse	ST 815	130	NCC 1988 DERC 2000	7.00 7.94	7.00 7.94	7.00 0.00	0.00 7.94	0.00 0.00	Entire site replanted between 1966-76: map from owners available at DERC.		SNCI data
AW1017897	Okeford Coppice	ST 838	118	NCC 1988 DERC 2000	4.00 3.09	4.00 3.09	4.00 0.00	0.00 3.09	0.00 0.00	Entire site replanted with Populus spp.		SNCI data
AW1017907	Leigh Wood	ST 857	110	NCC 1988 DERC 2000	5.00 5.25	5.00 5.25	5.00 0.00	0.00 5.25	0.00 0.00	Entire site replanted.		SNCI data
AW1017912	Higher Furzehill	ST 884	134	NCC 1988 DERC 2000	61.00 59.55	43.00 44.23	24.00 14.40	19.00 29.83	18.00 15.32	Some increases to RP areas in W of site very clear on AP97.		AP97
AW1017915	Lime Pit & Bishop's Coppices	ST 896	141	NCC 1988 DERC 2000	37.00 33.54	22.00 14.18	7.00 8.32	15.00 5.86	15.00 19.36	Changes made to SN, RP and CL areas.		AP97
AW1017916	Harbins Park	ST 898	130	NCC 1988 DERC 2000	142.00 145.56	70.00 78.22	58.00 63.88	12.00 14.34	72.00 67.34	Minor amendments to SN, RP and CL areas.		AP97
AW1017917	Duncliffe Wood	ST 825	223	NCC 1988 DERC 2000	86.00 87.42	86.00 87.42	0.00 0.96	86.00 86.46	0.00 0.00	Outlying copse digitised as it should have been originally. Both outliers classed as SN.		AWIDS

Site details		Area details										Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Changes			Evidence
AW1018139	Harry's & Long Row Coppices	ST 963 067	NCC 1988 DERC 2000	18.00 16.64	18.00 16.64	11.00 5.16	7.00 11.48	0.00 0.00	Some replanting with conifers very clear on AP97.			AP97
AW1018141	High Wood	ST 970 032	NCC 1988 DERC 2000	15.00 13.22	15.00 13.22	15.00 12.11	0.00 1.11	0.00 0.00	Small area in NE of site replanted.			AP97 SNCI data
AW1018144	Oakhills Coppice	ST 980 088	NCC 1988 EN 1991	59.00	50.00	41.00	9.00	9.00	Some replanting with conifers very clear on AP97 (including SSSI area).			AP97
AW1018145	Norwood Coppice	ST 986 095	DERC 2000 NCC 1988 DERC 2000	69.84 6.00 6.61	62.07 6.00 6.61	29.20 3.00 1.39	32.87 3.00 5.22	7.77 0.00 0.00	Some SN areas now replanted.			AP97
AW1018146	Downley Coppice	ST 987 067	NCC 1988 DERC 2000	7.00 6.12	6.00 4.94	3.00 1.42	3.00 3.52	1.00 1.18	Changes to SN and RP areas			AP97
AW1018154	Mudoak Wood	ST 921 169	NCC 1988 DERC 2000	6.00 6.09	6.00 6.09	3.00 0.86	3.00 5.23	0.00 0.00	Changes made to SN and RP areas.			AP97 SNCI data
AW1018158	Hookswood Coppice & Farnham Woods	ST 937 158	NCC 1988 EN 1994 DERC 2000	62.00 62.00 66.01	62.00 62.00 66.01	35.00 35.00 27.02	27.00 27.00 38.99	0.00 0.00 0.00	Changes made to SN and RP areas.			AP97
AW1018168	Cranborne Chase	ST 972 182	NCC 1988 EN 1994 DERC 2000	216.00 216.00 203.21	200.00 200.00 193.48	184.00 184.00 137.90	16.00 16.00 55.58	16.00 16.00 9.33	Changes made to SN and RP areas.			AP97
AW1018301	Mill Hill Wood	SU 004 088	NCC 1988 DERC 2000	7.00 6.63	7.00 6.63	3.00 2.80	4.00 3.83	0.00 0.00	Changes to SN and RP areas. Incorrectly digitised at EN: section in S omitted. Corrected to AWI DS.			SNCI data AWI DS
AW1018326	Margreed Copse	SU 043 042	NCC 1988 DERC 2000	6.00 5.63	4.00 4.75	4.00 4.75	0.00 0.00	2.00 0.88	Slight change to SN and CL areas.			AP97
AW1018331	Woodlands Park	SU 057 082	NCC 1988 DERC 2000	104.00 102.91	104.00 102.91	0.00 9.66	104.00 93.25	0.00 0.00	SN fringe added to site as per SNCI survey.			ANCI data AP97
AW1018348	Pert Copse & Maldry Wood	SU 054 110	NCC 1988 DERC 2000	34.00 33.76	34.00 33.76	26.00 22.70	8.00 11.06	0.00 0.00	Area in W of site now replanted: AP97 very clear.			AP97
AW1018351	Blagdon Hill Wood	SU 062 165	NCC 1988	21.00	21.00	12.00	9.00	0.00	Changes made to SN and RP areas: AP97 very clear.			AP97

Site details		Area details										Evidence
AW Number	Site Name	Grid		Source	Site	Area Extant	SN	RP	CL	Changes		Evidence
AW1018352	Cranborne Copse & Castle Hill Wood	SU 063 123		DERC 2000	21.22	21.22	6.93	14.29	0.00			
				NCC 1988	19.00	19.00	15.00	4.00	0.00	Changes to SN and RP areas based on recent SNCI survey.		SNCI data
				DERC 2000	19.05	19.05	17.97	1.08	0.00			
AW1018354	High & Stone Hill Woods	SU 069 156		NCC 1988	46.00	46.00	30.00	16.00	0.00	Area replanted in S of site. Small area cleared in NW of site.		AP97 OS 1885
				DERC 2000	43.70	42.57	30.37	12.20	1.13			
AW1018356	Perry Copse	SU 071 143		NCC 1988	14.00	14.00	9.00	5.00	0.00	Changes to SN and RP areas.		AP97 SNCI data
				DERC 2000	13.92	13.92	2.07	11.85	0.00			
AW1018361	Bratch & Long Copses	SU 081 140		NCC 1988	30.00	30.00	10.00	20.00	0.00	Semi-natural area partially replanted.		AP97
				DERC 2000	31.58	31.58	5.64	25.94	0.00	Incorrectly digitised at EN on E of site. Corrected to AWI DS.		AWI DS OS 1885 AP97
AW1018372	Further Daggons Wood	SU 099 129		NCC 1988	18.00	18.00	3.00	15.00	0.00	Entire site now replanted.		
				DERC 2000	16.97	16.97	0.00	16.97	0.00			
AW1018463	High Wood	SU 110 130		NCC 1988	33.00	33.00	13.00	20.00	0.00	Small changes to SN and RP areas.		AP97
				DERC 2000	33.15	32.93	10.12	22.81	0.22	Small area cleared in E of site. Incorrectly digitised at EN: corrected.		AP97 AWI DS
AW1022892	Great Fern Coppice	SY 481 977		NCC 1988	3.00	3.00	3.00	0.00	0.00	Whole site felled and replanted with broadleaves before 1990.		SNCI data AWI DS
				DERC 2000	2.74	2.74	0.00	2.74	0.00			
AW1022897	Puncknowle Woods	SY 547 873		NCC 1988	46.00	46.00	16.00	30.00	0.00	Changes to SN and RP areas.		SNCI data AP97
				DERC 2000	45.26	44.82	20.12	24.70	0.44	Area in N of site cleared.		
AW1022921	Powerstock Common	SY 540 964		NCC 1988	97.00	84.00	44.00	40.00	13.00	Amendments to SN and RP areas according to Phase 1 map produced by DERC for DWT 1994.		
				DERC 2000	95.76	87.06	62.55	21.51	11.70			
AW1022924	Wicker Coppice	ST 543 971		NCC 1988	5.00	5.00	1.00	4.00	0.00	Amendments to SN and RP areas according to Phase 1 map of Powerstock produced by DERC for DWT 1994.		
				DERC 2000	5.05	5.05	3.08	1.97	0.00			
AW1022936	Daw's Hill Coppice	SY 567 998		NCC 1988	2.00	2.00	2.00	0.00	0.00	Entire site felled and replanted with broadleaves in 1989, leaving about 10 standards.		SNCI data
				DERC 2000	1.93	1.93	0.00	1.93	0.00			
AW1022951	Metland's Wood	SY 623 944		NCC 1988	13.00	13.00	8.00	5.00	0.00	SN area all replanted.		SNCI data

Site details		Area details							Changes		Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Changes	Evidence	
AW1022978	Ilington Wood	SY 757 927	DERC 2000	11.85	7.91	0.00	7.91	3.94	RP area all cleared.	AP97	
AW1022980	Cowpound & High Woods	SY 771 935	NCC 1988 DERC 2000	147.00 138.37	85.00 69.58	81.00 60.65	4.00 8.93	62.00 68.79	Changes to SN, RP and CL areas and boundaries according to AWI DS, DHS 1982, OS 1885 and AP97.	AWI DS OS 1885 AP97 AP97	
AW1022995	Higher Wood	SY 831 887	NCC 1988 DERC 2000	18.00 18.77	18.00 18.02	18.00 14.58	0.00 3.44	0.00 0.75	High Wood SN clear but probably replanted.	AP97	
AW1023028	Bere Wood	SY 868 950	NCC 1988 DERC 2000	10.00 10.26	3.00 5.08	3.00 5.08	0.00 0.00	7.00 5.18	CL area now partially wooded in E of site; changed to SN.	AP97	
AW1023031	Broad Breach	SY 883 938	NCC 1988 DERC 2000	309.00 286.77	309.00 286.77	24.00 25.67	285.00 261.10	0.00 0.00	Arm in W of site now replanted.	AP97	
AW1023039	Swyre Wood	SY 935 785	NCC 1988 DERC 2000	12.00 12.41	12.00 12.41	4.00 3.64	8.00 8.77	0.00 0.00	Amendments to SN and RP areas according to AWI DS and SNCI data.	AWI DS SNCI data	
AW1023046	Downshay Wood	SY 980 793	NCC 1988 DERC 2000	4.00 4.77	4.00 3.65	4.00 3.65	0.00 0.00	0.00 1.12	Area in S of site replanted.	AP97 SNCI data	
AW1023069	Brenscombe & Bushey Woods	SY 979 823	NCC 1988 DERC 2000	5.00 4.77	3.00 3.65	3.00 3.65	0.00 0.00	2.00 1.12	Part of CL area now wooded. Changed to SN.	AP97 SNCI data	
AW1023071	Harman's Copse	SY 985 803	NCC 1988 DERC 2000	23.00 18.35	23.00 18.35	15.00 6.14	8.00 12.21	0.00 0.00	Semi-natural and replanted areas amended to SNCI 1992	SNCI data AP97	
AW1023077	East Morden Withy Bed	SY 913 943	NCC 1988 DERC 2000	2.00 1.61	0.00 0.66	0.00 0.66	0.00 0.00	2.00 0.95	Part of site still semi-natural: this is shown on AWI DS.	OS 1885 AWI DS AP97	
AW1023083	Park Plantation	SY 927 963	NCC 1988 DERC 2000	6.00 5.44	6.00 5.44	5.00 2.47	1.00 2.97	0.00 0.00	Lower Morden Withy Bed felled & RP 1999. Incorrectly digitised at EN: section around W ponds removed as per AWI DS.	B. Edwards AWI DS	
AW1023085	High Wood	SY 930 972	NCC 1988 DERC 2000	3.00 2.92	3.00 2.92	0.00 2.44	3.00 0.48	0.00 0.00	Inclusion of semi-natural edge as detailed on AWI DS, confirmed by AP97 and MapInfo	AWI DS	
			NCC 1988 DERC 2000	69.00 72.19	69.00 71.96	15.00 18.36	54.00 53.60	0.00 0.23	Small change to semi-natural and replanted areas.	AP97 AP97	

Appendix 4

Site details		Area details										
AW Number	Site Name	Grid		Source		Site		Area		Changes		Evidence
AW1023086	Garden Wood	SY 938 961		NCC 1988 DERC 2000	5.00 4.58	5.00 4.58	3.00 0.00	2.00 4.58	0.00 0.00	0.00 0.00	Whole site changed to replanted according to SNCI survey.	SNCI data
AW1023088	Dullar & West Woods	SY 941 980		NCC 1988 DERC 2000	7.00 6.91	7.00 6.91	2.00 2.13	5.00 4.78	0.00 0.00	0.00 0.00	Small area on E side of S area changed to replanted.	AP97

Appendix 5 Sites with recently cleared ancient woodland

Site details		Area details							Changes	Evidence	
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Cleared		
AW1016797	Lower Causeway Coppice	ST 389 029	NCC 1988 DERC 2000	3.00 2.43	3.00 1.96	3.00 1.96	0.00 0.00	0.00 0.47		SN area in NE of site cleared to grassland. Agriculture	AP97
AW1016798	Rapehole Coppice	ST 393 053	NCC 1988 DERC 2000	5.00 4.89	5.00 3.53	5.00 3.53	0.00 0.00	0.00 1.36		Area in SE of site cleared to agriculture in 1960's. Agriculture	AP97 SNCI data
AW1016924	Potwell Covert	ST 444 039	NCC 1988 DERC 2000	7.00 6.76	7.00 6.28	7.00 6.28	0.00 0.00	0.00 0.48		Small area in N of site cleared.	AP97
AW1017126	Whitefield Coppice	ST 519 081	NCC 1988 DERC 2000	6.00 6.08	6.00 5.56	6.00 5.56	0.00 0.00	0.00 0.52		Small area in NW of site cleared to grassland. Agriculture	AP97
AW1017138	Parsonage Copse	ST 549 071	NCC 1988 DERC 2000	2.00 1.84	2.00 1.76	2.00 1.76	0.00 0.00	0.00 0.08		Small area in NE of site cleared to what looks like a riding school. Urban	AP97
AW1017150	Great High Wood & Rag Copse	ST 569 067	NCC 1988 DERC 2000	66.00 68.71	66.00 67.15	0.00 0.00	66.00 67.15	0.00 1.56		Area in NE of site cleared.	AP97 AWIDS
AW1017326	Haydon Wood	ST 607 041	NCC 1988 DERC 2000	16.00 15.63	16.00 11.58	16.00 11.58	0.00 0.00	0.00 4.05		Area in E of site cleared. Agriculture	AP97
AW1017338	Up Cerne Wood	ST 643 044	NCC 1988 DERC 2000	32.00 31.89	28.00 26.33	28.00 26.33	0.00 0.00	4.00 5.56		Cleared area amended to that clearly present on AP97 and MapInfo. Small section in N cleared.	AP97 SNCI data
AW1017356	Eight Acre Coppice	ST 678 051	NCC 1988 DERC 2000	6.00 6.56	6.00 3.10	0.00 0.00	6.00 3.10	0.00 3.46		Part of site cleared. Agriculture	AP97
AW1017388	Buckshaw Brake	ST 682 119	NCC 1988 DERC 2000	2.00 1.48	2.00 0.00	2.00 0.00	0.00 0.00	0.00 1.48		Entire site cleared with only a few standards remaining: shrub and ground layers cleared to grassland. Agriculture	AP97 SNCI (R)
AW1017389	Ashcombe Wood	ST 684 151	NCC 1988 DERC 2000	2.00 2.35	2.00 0.00	2.00 0.00	0.00 0.00	0.00 2.35		Entire site cleared to agriculture. Agriculture	AP97
AW1017568	Tokenhills Coppice	ST 712 006	NCC 1988 DERC 2000	4.00 4.24	4.00 3.13	4.00 3.13	0.00 0.00	0.00 1.11		One area definitely cleared. Agriculture	AP97

Site details		Area details										Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Cleared	Changes		
AW1017570	Hill, Ball & Watcombe Woods	ST 718 037	NCC 1988 DERC 2000	45.00 42.02	45.00 40.37	28.00 25.00	17.00 15.37	0.00 1.65	0.00	Agriculture	Small area cleared.	AP97 AWIDS
AW1017571	Horse Close Wood	ST 718 044	NCC 1988 DERC 2000	16.00 17.16	16.00 16.63	16.00 16.63	0.00 0.00	0.00 0.53	0.00	Agriculture	Small area called Round Copse cleared.	AP97 SNCI data
AW1017572	Aldermore	ST 724 042	NCC 1988 DERC 2000	3.00 2.42	1.00 0.36	1.00 0.36	0.00 0.00	2.00 2.06	0.00	Agriculture	SN area in SE of site cleared.	AP 97
AW1017575	Spring & Lovelace's Coppes	ST 733 042	NCC 1988 DERC 2000	14.00 12.33	11.00 6.44	11.00 6.44	0.00 0.00	3.00 5.89	0.00	Agriculture	Area in S of Spring Copse cleared.	AP97
AW1017604	Cole Combe	ST 794 063	NCC 1988 DERC 2000	14.00 10.08	9.00 2.71	9.00 2.71	0.00 0.00	5.00 7.37	0.00	Agriculture Agriculture	Part of SN along N edge now cleared.	AWIDS AP97
AW1017608	Park Wood	ST 799 070	NCC 1988 DERC 2000	13.00 12.06	6.00 2.87	6.00 2.87	0.00 0.00	7.00 9.19	0.00	Agriculture Agriculture	Part of SN area cleared to grassland with scattered trees. Slight correction of CL area to OS 1885.	AP 97 OS 1885
AW1017637	Whistley Coppice	ST 784 288	NCC 1988 DERC 2000	3.00 2.19	3.00 2.00	3.00 2.00	0.00 0.00	0.00 0.19	0.00	Urban	Small area cleared in SE of site for building.	MapInfo AP97
AW1017913	Ash Oaks Coppice	ST 887 114	NCC 1988 DERC 2000	25.00 30.96	13.00 5.44	13.00 5.44	0.00 0.00	12.00 25.52	0.00	Agriculture Agriculture	Some areas cleared.	AP97
AW1017915	Lime Pit & Bishop's Coppices	ST 896 141	NCC 1988 DERC 2000	37.00 33.54	22.00 14.18	7.00 8.32	15.00 5.86	15.00 19.36	0.00	Agriculture	Changes made to SN, RP and CL areas.	AP97
AW1017916	Harbins Park	ST 898 130	NCC 1988 DERC 2000	142.00 145.56	70.00 78.22	58.00 63.88	12.00 14.34	72.00 67.34	0.00	Agriculture	Minor amendments to SN, RP and CL areas.	AP97
AW1017925	Grant's Copse	ST 859 254	NCC 1988 DERC 2000	2.00 1.99	2.00 1.28	2.00 1.28	0.00 0.00	0.00 0.71	0.00	Agriculture	E arm of site cleared.	AP97
AW1018155	Hookley Copse	ST 921 174	NCC 1988 EN 1994 DERC 2000	12.00 12.00 11.44	12.00 12.00 4.63	12.00 12.00 4.63	0.00 0.00 0.00	0.00 0.00 6.81	0.00		W section of site cleared.	AP97 SNCI data

Site details		Area details										Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Cleared	Changes		
AW1018313	Alderbed Copse	SU 030 051	NCC 1988 DERC 2000	2.00 1.73	2.00 1.49	2.00 1.49	0.00 0.00	0.00 0.24	Urban	Section in W of site cleared.	AP97	
AW1018319	Church Moor Copse	SU 034 004	NCC 1988 DERC 2000	2.00 1.82	2.00 0.64	2.00 0.64	0.00 0.00	0.00 1.18	Urban	Site not digitised by EN. Part of site cleared.	AWI DS OS 1885	
AW1018320	Lyons Wood	SU 036 033	NCC 1988 DERC 2000	11.00 10.29	11.00 3.77	11.00 3.77	0.00 0.00	0.00 6.52	Agriculture	Large part of site cleared: very clear on AP97.	AWI DS AP97	
AW1018329	Park & Garden Coppes	SU 053 026	NCC 1988 DERC 2000	17.00 16.89	17.00 11.13	7.00 0.91	10.00 10.22	0.00 5.76	Ag./Urban	Garden Copse cleared. Very clear on AP97.	AP97	
AW1018354	High & Stone Hill Woods	SU 069 156	NCC 1988 DERC 2000	46.00 43.70	46.00 42.57	30.00 30.37	16.00 12.20	0.00 1.13		Small area cleared in NW of site.	AP97 OS 1885	
AW1018445	Potterne Wood	SU 103 073	NCC 1988 DERC 2000	13.00 12.46	13.00 10.65	13.00 10.65	0.00 0.00	0.00 1.81		Area in W of site cleared.	AP97	
AW1018463	High Wood	SU 110 130	NCC 1988 DERC 2000	33.00 33.15	33.00 32.93	13.00 10.12	20.00 22.81	0.00 0.22	Urban	Small area cleared in E of site.	AP97 AP97 AWI DS AP97	
AW1022875	Spearpit Coppices	SY 388 984	NCC 1988 DERC 2000	11.00 9.21	11.00 8.79	11.00 8.79	0.00 0.00	0.00 0.42	Agriculture	Site partially cleared.	AP97	
AW1022891	Patley Wood	SY 466 986	NCC 1988 DERC 2000	5.00 3.32	5.00 3.26	5.00 3.26	0.00 0.00	0.00 0.06	Agriculture	Small arm in W of site cleared.	AP97	
AW1022897	Puncknowle Woods	SY 547 873	NCC 1988 DERC 2000	46.00 45.26	46.00 44.82	16.00 20.12	30.00 24.70	0.00 0.44	Urban	Area in N of site cleared.	SNCI data AP97	
AW1022901	Nine Acre Coppice	SY 565 877	NCC 1988 DERC 2000	7.00 6.81	7.00 6.34	7.00 6.34	0.00 0.00	0.00 0.47	Urban	Area in SW of site cleared.	AP97	
AW1022918	Hodder's Copse	SY 533 902	NCC 1988 DERC 2000	8.00 7.41	8.00 7.03	8.00 7.03	0.00 0.00	0.00 0.38	Agriculture	Area in NW of site cleared.	AP97	
AW1022946	Hyde Coppice	SY 637 831	NCC 1988 DERC 2000	6.00 5.57	6.00 5.47	6.00 5.47	0.00 0.00	0.00 0.10		Small area in E of site cleared.	AP97	

Site details		Area details										Evidence
AW Number	Site Name	Grid	Source	Site	Area Extant	SN	RP	CL	Cleared	Changes		
AW1022951	Metland's Wood	SY 623 944	NCC 1988 DERC 2000	13.00 11.85	13.00 7.91	8.00 0.00	5.00 7.91	0.00 3.94		RP area all cleared.	SNCI data AP97	
AW1022975	Muston Copse	SY 733 967	NCC 1988 DERC 2000	2.00 1.45	2.00 1.24	2.00 1.24	0.00 0.00	0.00 0.21		2 small area of site cleared.	AP97	
AW1022980	Cowpound & High Woods	SY 771 935	NCC 1988 DERC 2000	18.00 18.77	18.00 18.02	18.00 14.58	0.00 3.44	0.00 0.75		Small area to N of site (outside SNCI boundary) is cleared. High Wood SN clear but probably replanted.	AP97	
AW1023039	Swyre Wood	SY 935 785	NCC 1988 DERC 2000	4.00 3.07	4.00 2.05	4.00 0.00	0.00 2.05	0.00 1.02		Arm in N of site cleared to grass with trees.	AP97 SNCI data	
AW1023080	Rough Bulbary	SY 923 939	NCC 1988 DERC 2000	11.00 10.22	10.00 9.07	10.00 9.07	0.00 0.00	1.00 1.15		Slight increase to cleared area in N of site.	AP97	
AW1023081	Bulbary Coppice	SY 926 940	NCC 1988 DERC 2000	7.00 6.84	7.00 5.81	7.00 5.81	0.00 0.00	0.00 1.03		Small area on N edge cleared to agriculture. Small area in S cleared to car park.	AP97	
AW1023085	High Wood	SY 930 972	NCC 1988 DERC 2000	69.00 72.19	69.00 71.96	15.00 18.36	54.00 53.60	0.00 0.23		Small area cleared in Pelham's Row. Small change to semi-natural and replanted areas.	AP97 AP97	
AW1023087	Winter's Coppice	SY 940 964	NCC 1988 DERC 2000	4.00 3.38	4.00 3.13	4.00 3.13	0.00 0.00	0.00 0.25		Small area in SW of site cleared to agriculture.	AP97	
AW1023090	Drove Coppice	SY 944 965	NCC 1988 DERC 2000	2.00 1.70	2.00 1.44	2.00 1.44	0.00 0.00	0.00 0.26		Arm in SW of site cleared to agriculture.	AP97	
AW1023096	Henbury Farm Wood	SY 956 989	NCC 1988 DERC 2000	2.00 1.84	2.00 1.72	2.00 1.72	0.00 0.00	0.00 0.12		Small area at E end of site cleared for agricultural buildings.	AP97	
AW1029438	Heron Grove	SY 957 978	NCC 1988 DERC 2000	23.00 20.41	23.00 16.34	0.00 0.00	23.00 16.34	0.00 4.07		Central section of site cleared for mineral extraction.	AP97	
AW1023110	Holland's Hill Coppice	SZ 004 981	NCC 1988 DERC 2000	5.00 4.39	4.00 2.65	4.00 2.65	0.00 0.00	1.00 1.74		CL area clearly extended: mostly buildings, remainder improved grassland.	AP 97	

Appendix 6 Other amendments to sites

Site details		Area details				Changes	Evidence
AW Number	Site Name	Grid	Source	Area Site	CL		
AW1016938	Pigs Moor & Ryewater Coppices	ST 497 061	NCC 1988 DERC 2000	10.00 9.63	0.00 0.12	Incorrectly digitised at EN. Site amended to wood boundaries with change to Name.	MapInfo AWI DS
AW1017120	Middle & Twelve Acre Coppices	ST 504 060	NCC 1988 DERC 2000	6.00 4.45	0.00 0.00	Incorrectly digitised at EN. Site amended to wood boundaries with name change.	AWI DS OS 1885
AW1017150	Great High Wood & Rag Copse	ST 569 067	NCC 1988 DERC 2000	66.00 68.71	0.00 1.56	SN areas incorrectly digitised at EN: corrected to RP; circle corrected to unwooded.	AP97 AWI DS
AW1017342	Cerne Park	ST 649 013	NCC 1988 DERC 2000	15.00 19.91	0.00 3.14	Changes to SN/RP/CL areas. Complex site incorrectly digitised at EN from AWI DS. Corrected mostly to OS 1885.	AWI DS OS 1885
AW1017324	Alder Moor	ST 605 045	NCC 1988 DERC 2000	3.00 2.58	0.00 0.00	Incorrectly digitised at EN - slight extension to S of site.	OS 1885 AWI DS
AW1017337	Clapper's Coppice	ST 643 017	NCC 1988 DERC 2000	3.00 3.97	0.00 0.00	Slight changes to boundary to fill entire Clappers Coppice. AWI DS ambiguous.	OS 1885
AW1017346	Princes & Lyons Woods	ST 655 066	NCC 1988 DERC 2000	40.00 37.89	0.00 0.00	Semi-natural areas added as detailed in recent SNCI survey.	MapInfo SNCI data
AW1017348	Middlemarsh Common	ST 658 077	NCC 1988 DERC 2000	6.00 6.48	0.00 0.00	Incorrectly digitised at EN - amended to OS 1885 and OS 1901 as shown on AWI DS.	AWI DS OS 1885
AW1017578	Cockroad Copse	ST 737 053	NCC 1988 DERC 2000	6.00 5.73	0.00 0.00	Incorrectly digitised at EN: slight addition to SN in E of site.	AWI DS
AW1017570	Hill, Ball & Watcombe Woods	ST 718 037	NCC 1988 DERC 2000	45.00 42.02	0.00 1.65	W of site incorrectly digitised at EN - amended to RP	AP97 AWI DS
AW1017572	Aldermore	ST 724 042	NCC 1988 DERC 2000	3.00 2.42	2.00 2.06	SN & CL areas within OS 1805 boundary corrected to AP 97.	AP 97
AW1017604	Cole Combe	ST 794 063	NCC 1988 DERC 2000	14.00 10.08	5.00 7.37	Inorrectly digitised at EN - amended.	AWI DS AP97

Site details		Area details				Evidence		
AW Number	Site Name	Grid	Source	Area	Site		CL	Changes
AW1017630	Piddles Wood	ST 796 130	NCC 1988 DERC 2000	63.00 65.99	63.00 65.99	0.00 0.00	Area outside SSSI boundary to SE incorrectly digitised at EN - not wooded.	AP97 AWI DS
AW1017872	Turnworth Wood	ST 807 080	NCC 1988 DERC 2000	40.00 31.71	40.00 31.71	13.00 6.93	Incorrectly digitised at EN from AWI DS. Corrected to AWI DS and AP 97, hence area differences.	AWI DS AP 97
AW1017882	Websley Coppice	ST 852 075	NCC 1988 DERC 2000	6.00 5.69	6.00 5.69	0.00 0.00	Slight amendemnt as incorrectly digitised at EN.	AWI DS
AW1017886	The Hanging	ST 867 077	NCC 1988 DERC 2000	6.00 3.43	6.00 3.43	0.00 0.00	No change. Inaccurate area estimate at NCC 1988.	
AW1017900	Park Coppice	ST 843 115	NCC 1988 DERC 2000	5.00 4.49	5.00 4.49	0.00 0.00	Digitied slightly incorrectly at EN - corrected.	MapInfo AWI DS
AW1017905	Coombe Wood	ST 853 119	NCC 1988 DERC 2000	12.00 12.38	12.00 12.38	0.00 0.00	Incorrectly digitised at EN: corrected.	AWI DS
AW1017906	New Field Coppice	ST 853 126	NCC 1988 DERC 2000	3.00 2.57	3.00 2.57	0.00 0.00	Incorrectly digitised at EN: corrected to OS 1885.	AWI DS OS 1885
AW1017909	Little Coppice	ST 869 107	NCC 1988 DERC 2000	2.00 1.36	2.00 1.36	0.00 0.00	Incorrectly digitised at EN: corrected to OS 1885.	AWI DS
AW1017910	Everley Coppice	ST 873 117	NCC 1988 DERC 2000	16.00 13.60	16.00 13.60	0.00 0.00	W end of site incorrectly digitised at EN: corrected to OS 1885.	AWI DS
AW1017922	Pug's Parlour	ST 858 205	NCC 1988 DERC 2000	4.00 3.63	4.00 3.63	0.00 0.00	Incorrectly digitised at EN: corrections made to OS 1885.	AWI DS
AW1017927	Quoits Copse	ST 860 238	NCC 1988 DERC 2000	4.00 5.65	4.00 5.65	0.00 0.00	Boundaries slightly amended to OS 1885. Area figures incorrect in 1988 as part of site not included in measurement.	AWI DS OS 1885
AW1017930	Brickells Cliff	ST 865 240	NCC 1988 DERC 2000	3.00 2.57	3.00 2.57	0.00 0.00	S section of site incorrectly digitised at EN: it should not have been included. Deleted.	MapInfo AWI DS
AW1018133	Ashley Wood	ST 925 051	NCC 1988	79.00	79.00	43.00	Outlier of SN to N of site corrected to AWI DS/OS	AWI DS

Site details		Area details				Evidence
AW Number	Site Name	Grid	Source	Area	Changes	
				Site	CL	
AW1018135	Sheep Park Coppice	ST 955 064	DERC 2000	76.01	42.34	1885. OS 1885
AW1018142	Chetterwood Woods	ST 972 080	NCC 1988 DERC 2000	11.00 10.05	0.00 0.00	Incorrectly digitised at EN: corrected to OS 1885. AWI DS
AW1018150	High Hall Copse	ST 999 033	NCC 1988 DERC 2000	8.00 8.08	0.00 0.00	Adjustment to SN, RP and CL areas. Area difference Oakhills Coppice measured with this site originally: now separate site. Incorrectly digitised at EN: slight correction to AWI DS and OS 1885. AWI DS OS 1885
AW1018151	Higher Downend Coppices	ST 904 155	NCC 1988 DERC 2000	343.00 355.67	22.00 26.93	Complex site incorrectly digitised at EN. Corrected to AWI DS and OS 1885. AWI DS OS 1885
AW1018153	Dungrove Rows	ST 924 143	NCC 1988 DERC 2000	8.00 7.43	1.00 0.87	Slight corrections to digitising errors at EN. AWI DS
AW1018301	Mill Hill Wood	SU 004 088	NCC 1988 DERC 2000	7.00 6.63	0.00 0.00	Changes to SN and RP areas. Incorrectly digitised at EN: section in S omitted. Corrected to AWI DS. SNCI data AWI DS
AW1018319	Church Moor Copse	SU 034 004	NCC 1988 DERC 2000	2.00 1.82	0.00 1.18	Site not digitised by EN. Added to GIS as per AWI DS and OS 1885. AWI DS OS 1885
AW1018320	Lyons Wood	SU 036 033	NCC 1988 DERC 2000	11.00 10.29	0.00 6.52	Incorrectly digitised at EN: amended. AWI DS AP97
AW1018324	Pond Head Copse	SU 038 045	NCC 1988 DERC 2000	6.00 6.08	0.00 0.00	Incorrectly digitised at EN: section in E of site removed and added to Queens Copse & Holt Forest as per AWI DS. AWI DS
AW1018325	Queens Copse & Holt Forest	SU 041 066	NCC 1988 DERC 2000	136.00 132.93	0.00 0.00	Part of Pond Head Copse added to site. Slight amendments to SN and RP areas. AWI DS AP97
AW1018339	Budgen's Copse	SU 089 088	NCC 1988 EN 1991	6.00 6.00	1.00 1.00	Incorrectly digitised at EN: boundary matched to AWI DS/OS 1885/AP97. AWI DS
AW1018343	Oakley Farm Wood	SU 011 183	NCC 1988 DERC 2000	3.00 2.70	0.00 0.12	'Pill Ash' deleted: shown deleted on AWI DS but digitised at EN, now removed. AWI DS

Site details		Area details				Evidence
AW Number	Site Name	Grid	Source	Area	Changes	
				Site	CL	
AW1018344	Denbose Wood	SU 011 199	NCC 1988 DERC 2000	10.00 10.12	0.00 0.00	Incorrectly digitised at EN. Corrected to AWI DS and OS 1885. AP97 AWI DS
AW1018346	Lodge Copse	SU 044 110	NCC 1988 DERC 2000	2.00 1.46	0.00 0.00	Incorrectly digitised at EN. Corrected to AWI DS and OS 1885. AWI DS
AW1018359	East Hays	SU 074 128	NCC 1988 DERC 2000	5.00 6.11	0.00 0.00	Incorrectly digitised at EN. Corrected to AWI DS and OS 1885. AWI DS
AW1018361	Bratch & Long Coppes	SU 081 140	NCC 1988 DERC 2000	30.00 31.58	0.00 0.00	Incorrectly digitised at EN on E of site. Corrected to AWI DS. AP97 AWI DS
AW1018463	High Wood	SU 110 130	NCC 1988 DERC 2000	33.00 33.15	0.00 0.22	Small changes to SN and RP areas. Small area cleared in E of site. Incorrectly digitised at EN: corrected. AP97 AWI DS
AW1022899	Chapel Coppice	SY 560 879	NCC 1988 DERC 2000	14.00 12.75	0.00 0.00	Southern arm removed as absent from OS 1885 and OS 1901. OS 1885 AWI DS
AW1022905	Park Coppice	SY 578 871	NCC 1988 DERC 2000	2.00 2.15	0.00 0.00	Incorrectly digitised at EN: corrected to AWI DS. AWI DS
AW1022922	Alder Moor	SY 541 929	NCC 1988 DERC 2000	3.00 2.05	0.00 0.00	Small arm in W of site incorrectly digitised at EN: removed from site. AWI DS
AW1022945	Broad Coppice	SY 637 827	NCC 1988 DERC 2000	9.00 8.98	0.00 0.00	Incorrectly digitised at EN in NW of site: corrected to AWI DS. AWI DS
AW1023008	Lodge & Bowling Green Woods	SY 856 830	NCC 1988 EN 1993 DERC 2000	36.00 36.00 34.04	0.00 0.00 0.00	Coarse digitising at EN required amendments to SN and RP areas according to AWI DS and AP97. AP97 AWI DS
AW1022993	Long & Great Perry Coppices	SY 828 878	NCC 1988 DERC 2000	15.00 17.42	0.00 0.00	NW section along river incorrectly digitised at EN: corrected to AWI DS and OS 1885. AWI DS
AW1023016	Willcocks Wood	SY 802 928	NCC 1988 DERC 2000	3.00 3.07	0.00 0.00	Site not digitised by EN - formerly part of Tincleton Hang. Now digitised. AWI DS

Site details		Area details				Changes	Evidence
AW Number	Site Name	Grid	Source	Area	Site		
AW1023048	Langton West Wood	SY 991 795	NCC 1988 DERC 2000	14.00 13.52	0.00 0.00	0.00 0.00	Incorrectly digitised at EN. Small section in NW of site added. AWI DS
AW1023050	Talbot's Wood	SY 998 795	NCC 1988 DERC 2000	4.00 3.88	0.00 0.00	0.00 0.00	Incorrectly digitised at EN. Slight extension to S of site matching OS 1885. AWI DS
AW1023067	Big Wood	SY 977 886	NCC 1988 EN 1998 DERC 2000	20.00 20.00 18.74	0.00 0.00 0.00	0.00 0.00 0.00	Incorrectly digitised at EN: replanted area now included. AWI DS
AW1023071	Harman's Copse	SY 985 803	NCC 1988 DERC 2000	2.00 1.61	2.00 0.95	2.00 0.95	Part of site still semi-natural: this is shown on AWI DS. OS 1885 AWI DS AP97
AW1023077	East Morden Withy Bed	SY 913 943	NCC 1988 DERC 2000	6.00 5.44	0.00 0.00	0.00 0.00	Incorrectly digitised at EN: section around W ponds removed as per AWI DS. B. Edwards AWI DS
AW1023106	Knaveswell Copse	SZ 000 807	NCC 1988 DERC 2000	2.00 1.76	0.00 0.00	0.00 0.00	Not digitised at EN from AWI DS. Digitised as RP according to info on AWI DS 'clear felled & replanted in 1960's.' AWI DS

Appendix 7 Sites requiring further investigation

Site details		Further changes			
AW Number	Site Name	Grid	Details	Action	Survey
AW1016774	Middle & Queentree Coppices	ST 349 039	Questionable AW status due to SNCI field survey data & information from B. Edwards.	Field survey	Y
AW1016783	Hewood Bottom Coppice	ST 365 031	Unsure regarding exact boundaries between SN and RP areas.	Field survey	Y
AW1016785	Sadborow Coppice	ST 373 015	B. Edwards states that N section is BL plantation.	Field survey	Y
AW1016795	Synderford Coppices	ST 387 033	Questionable RP status: some planted beech, but otherwise SNCI suggests semi-natural. Ground flora similar across site.	Field survey	Y
AW1016915	Kings Moor Coppice	ST 422 007	AWI DS states site is mixed plantation: SNCI states site is SN.	Field survey	Y
AW1016920	Lewesdon Hill	ST 437 012	AWI DS states site is SN; SNCI and B. Edwards state site is old plantation.	Field survey	Y
AW1016925	Old Park Coppice	ST 456 028	Standards only felled in June 1994. Survey for further felling/regeneration.	Field survey	Y
AW1016928	Clay Coppice	ST 465 025	Questionable AW status: RP area absent from OS 1805 and OS 1885.	Field survey	Y
AW1016935	Spray Coppice	ST 495 056	Area difference as White Hill Plantation & Penney's Hill Coppice digitised as part of site: AWI DS has them deleted. Delete again?	Field survey	Y
AW1017121	Overleaze Copse	ST 506 013	Possible SN area in W of site according to SNCI data.	Field survey	Y
AW1017123	Beckham's Coppice	ST 516 051	Partial felling during 1980's and 1990's according to SNCI data. Unsure of extent.	Field survey	Y
AW1017129	Comprehension Coppice	ST 524 088	Part of site appears clear on AP97, but active plantation so unsure as to replanting.	Field survey	Y
AW1017133	Chelborough Park	ST 536 051	Ancient fragment 'The Batch' too small for AWI but DNHAS states it was part of Chelborough Park. Include?		Y
AW1017142	Bollands Wood	ST 554 069	Possible extension to E of site in area present on OS 1885. Details from SNCI data.	Field survey	Y
AW1017144	Liberty Goyle	ST 555 079	Discrepancy between current area and OS 1885, which shows a slightly larger wood with dashed boundaries. Possibly cleared?	Map survey	Y
AW1017145	Bakers Wood	ST 557 057	Some underplanting; extent not known.	Field survey	Y
AW1017146	Wraxall Wood	ST 562 008	AWI states whole site RP. B. Edwards/SNCI data suggests SN fringe and block.	Field survey	Y
AW1017150	Great High Wood & Rag Copse	ST 569 067	Half of 'The Circle' shown on AWI DS as unwooded. OS 1885 shows entire area as unwooded. Check other maps.	Map survey	Y
AW1017155	Hazel & Long Close Woods	ST 587 056	Possible extension W into Copse as part of Long Close Wood on OS 1885.	Field survey	Y
AW1017158	Stock Wood	ST 591 062	"Complex of AW and old established plantation". B. Edwards/SNCI says strip along road in S is replanted: boundaries uncertain.	Field survey	Y
AW1017159	Eweleaze Coppice	ST 599 009	EN GIS and B. Edwards state site is SN; AWI states site is mixed plantation.	Field survey	Y

Appendix 7

AW1018304	Brach Copse	SU 008 037	AWI DS and SNCI disagree as to extent and boundaries of SN and RP areas.	Field survey	Y
AW1018308	Petersham Copse	SU 021 042	SNCI states central S area felled and replanted but Phase 1/AP97 unclear.	Field survey	Y
AW1018309	Adder's Copse	SU 025 069	Section in N of site absent from OS 1885 and unclear on OS 1805. Is area RP or not AW status?	Field survey	Y
AW1018312	Martin's Close Coppices	SU 028 029	Check area around Woodside Cottage on OS 1901: it is wooded on OS 1885 so might need classifying as CL rather than not part of site.	Map survey	Y
AW1018325	Queens Copse & Holt Forest	SU 041 066	Check for exact areas of SN and RP.	Field survey	Y
AW1018328	Stable Copse	SU 047 030	RP area clearly marked as parkland on OS 1885. Check for AW indicators.	Field survey	Y
AW1018357	Great Rhymes & Mill Coppices	SU 073 118	Uncertain as to exact area RP in N of site. Confusion across site as much clearance of Rhododendron taking place.	Field survey	Y
AW1018445	Potterne Wood	SU 103 073	Disagreement between AWI DS and SNCI as to nature and extent of RP areas. AP97 unclear.	Field survey	Y
AW1018460	Hart's Copse	SU 102 132	Possible semi-natural remnant in NW of site: nature and extent not clear.	Field survey	Y
AW1022880	St. Gabriels & Filcombe Woods	SY 404 926	Part of E section of Filcombe Wood possibly SN according to SNCI data	Field survey	Y
AW1022881	Right Bottom	SY 411 940	Questionable AW status: unsure as to OS 1805, enclosure not wooded on 1885.	Field survey	Y
AW1022894	Round Hill Coppice	SY 493 982	Site appears slightly extended on OS 1885. Check OS 1805 to verify extension.	Map survey	Y
AW1022895	Hadber & Barbridge Coppices	SY 494 990	Site thinner on OS 1885, with gaps between the 2 coppices. Only Hadber Coppice present on OS 1805. Survey Barbridge Coppice.	Field survey	Y
AW1022901	Nine Acre Coppice	SY 565 877	Possible extension to E of stream as shown on AWI DS.	Map survey	Y
AW1022902	Pink Lake Coppice	SY 567 874	Conifer plantation located on site according to SNCI data, but AP97 unclear.	Field survey	Y
AW1022909	Cathole Copse	SY 502 907	Check for replanting in clear area on AP97. Questionable AW status: AWI DS states 'include in spite of possible 2nd origin'.	Field survey	Y
AW1022911	Hold Acre Coppices	SY 511 993	AWI states 'probably exclude' part of site as absent from OS 1805. Area not excluded from EN GIS.	Field survey	Y
AW1022914	Hooke Park	SY 523 994	Area differences due to fact that areas not on OS 1805 never digitised at EN. Complex site with proposed changes - see report.	Field survey	Y
AW1022935	Combe Bottom Coppice	SY 567 984	Questionable AW status: no mention on any maps prior to OS 1901 and absent from OS 1968.	Map survey	Y
AW1023106	Knaveswell Copse	SZ 000 807	Was this site deleted from AWI without any annotation on AWI DS?	Field survey	Y
AW1023112	Rose Lawn Coppice	SZ 009 975	Extensive ornamental planting & improved grassland in centre.	Field survey	Y
AW1023113	Livett's Hill Coppice	SZ 006 983	Boundary on AWI DS follows OS 1805. This corresponds approx. to 'The Shrubbery' on OS 1885. Is Livett's Hill to S also AW?	Field survey	Y
AW1023120	Barrett's Copse	SZ 176 976	Included on AWI as 'possibly secondary wood, pending more information'. SNCI survey states 'no AW indicators'.	Field survey	Y



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Front cover photographs:

Top left: Using a home-made moth trap.

Peter Wakely/English Nature 17,396

Middle left: Co₂ experiment at Roudsea Wood and Mosses NNR, Lancashire.

Peter Wakely/English Nature 21,792

Bottom left: Radio tracking a hare on Pawlett Hams, Somerset.

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Main: Identifying moths caught in a moth trap at Ham Wall NNR, Somerset.

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