The Records of the Land Utilisation Surveys of Britain: A Report for the Frederick Soddy Trust

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Introduction

Britain is a much-surveyed land. 1801 saw both the first Census of Population and the publication of the first Ordnance Survey one inch-to-one mile map: the census gathered data on *what* people did for a living, but not on *where* they did it; the Ordnance Survey systematically recorded landscape *features*, whether natural like rivers or man-made like buildings, but did not describe *the use of the land itself*, with the important exception of woodland. From 1866 onwards, the Agricultural Census or Survey, often called the "June Census", has gathered systematic data, by farm, on numbers of animals and acreages of crops, but did not record data by field and ignored non-farmed areas. The only systematic sources of data, acre by acre, on land use in Britain prior to modern remote sensed data are therefore two surveys organised not by the government but by individual academic researchers. Neither survey was able to publish all the data they gathered, so their unpublished records are of great importance.

This report is the first systematic survey of the unpublished records of the first and second Land Utilisation Surveys, and also of the sample-based Land Use UK survey. Its main focus is the original Land Utilisation Survey of Great Britain (LUSGB), based at the London School of Economics in the 1930s and directed by Professor Sir L. Dudley Stamp: the records of the LUSGB are extensive, diverse, generally well-preserved, but scattered. The records of the Second Land Utilisation Survey (2nd Survey), based at London's Kings College in the 1960s, are almost entirely held personally by its director, Professor Alice Coleman. A systematic survey of the materials in Professor Coleman's house was neither possible not appropriate, but we believe these records are of great importance. Finally, the Land Use UK Survey was carried out in the 1990s by the Geographical Association, under the direction of Professor Rex Walford (Cambridge). This used a similar methodology as the earlier surveys but its work was mainly restricted to a random sample of one kilometre grid squares. Its records are consequently much less extensive than those of the earlier surveys, but are described below.

Although we were unable to carry out a detailed appraisal of the records of the Second Survey, we have inspected the main archives of the LUSGB at the London School of Economic and the University of Sussex, the unpublished LUSGB maps held by the Royal Geographical Society, and the records of the Land Use UK survey at the Geographical Association. Announcements about our project led to additional holdings of LUSGB material being located at Hull and Liverpool Universities. The project included organising a small meeting of librarians and people associated with the surveys, at the London School of Economics on April 18th, 2005. Those attending included Giles Clark as a representative of the copyright holder for the First Survey; Dr. Chris Board partly as a relative of Christie Willatts, Organising Secretary of the First Survey; Prof. Alice Coleman as director of the Second Survey; and Prof. Rex Walford as director of the Land Use UK survey.

Our detailed findings are presented as lists in a series of appendices. The remainder of the text provides an outline history of the surveys and then discusses the main preservation issues, one aim being to identify how financial support from the Trust might best be used.

We are deeply grateful to the many map librarians and archivists who have assisted us in preparing this survey. Special thanks go to Will Pilfold for information on Dudley Stamp's papers and to Rex Walford for commenting on a draft version of this report.

History and main outputs

The Land Utilisation Survey of Great Britain: 1930s

Stamp described the history of the LUSGB in the account in the first chapter of his book *The Land of Britain, Its Use and Misuse* (1948, and later editions). The origins of the Survey lay a survey of Northamptonshire in 1927 and 1928 led by E.E. Field, the geography master at Northampton Grammar School, and supported by J.L. Holland, the county's Director of Education (Field, 1930); Holland was interested in field surveys in general, and became one of Stamp's early supporters. As Dudley Stamp, writing as the Honorary Secretary of the Geographical Association's Regional Survey Committee, said in 1930:

The Regional Survey Committee of the [Geographical] Association has drawn up plans for a land utilisation survey of Britain. Encouraged by the success of Mr E E Field's project in Northamptonshire, it is proposed to establish a central office working under a general committee..... The Committee will represent the Geographical Association, the Ordnance Survey, local educational authorities, the Ministry of Agriculture and other bodies interested.... (*Geography*, No. 15 (March 1930), p. 412)

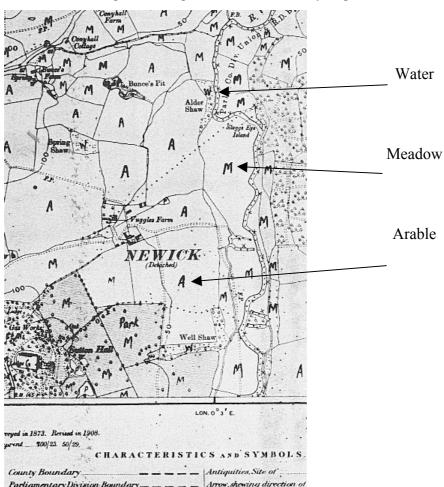


Figure 1: Sample LUSGB Field Survey map

Following earlier work in Burma, Stamp had joined the London School of Economics in 1926. Although the Geographical Association were the original begetters of the idea of

a national survey, it would seem their committee was unwilling to move as quickly as Stamp wished, because by October 1930, the plans for the survey had become independent of the GA. In 1930, Stamp obtained a grant (£500) from the Rockerfeller Foundation for a pilot project covering Surrey. He obtained support from local education authorities and particular government departments and agencies, such as the Ministry of Agriculture and the Forestry Commission, but this was emphatically not an official government survey.

Work was organised by administrative county, the first contact usually being with the Director of Education. Arrangements were in place for most English counties by the summer of 1931, and for most Welsh and Scottish counties a year later. Appendix 1 reproduces the instruction leaflet sent to schools. Figure 1 shows an excerpt from one of the six inch-to-one mile field survey sheets as compiled by schoolchildren under the supervision of their teachers; these survive in very large quantity. These sheets were sent back to the Survey's base at the LSE and used fairly directly to create the published maps at one inch-to-one mile scale.

The first of these maps was published in January 1933. By the autumn of 1934, 90% of the field survey maps had been returned, but two problems were emerging. Firstly, it proved impossible to find local volunteers for many areas and the Survey had to organise university students and its own staff to fill the gaps; the very last area to be surveyed was part of the Isle of Arran in September 1941, all other areas being completed before the outbreak of war. The second and more serious problems was funding the publication of the maps: disagreements with the Ordnance Survey over the cost of printing a single sheet, and with Durham County Council over a verbal order for maps, led to the Survey becoming insolvent in September 1934. New funding was obtained from the Pilgrim Trust, but one of the project's staff had to fund publication of a map she had worked on herself, and in June 1936 Stamp signed an agreement with the LSE in which he took on 'complete personal responsibility for the finances and conduct of the survey' (Stamp, 1948, p.12), so copyright in the maps and reports published by the Survey was held not by the LSE but by the company Stamp established, Geographical Publications Limited.



Figure 2: A section of the Birmingham LUSGB sheet

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Another consequence of this tortured history was an extremely delayed and complex publishing programme. The first nineteen sheets were printed for Stamp by the Ordnance Survey, but early in 1935 the OS complained that printing the land use maps was straining their resources. From then on, the OS supplied the 'base plates' (black, contours and water) for printing, and took a royalty of £1 per 100 maps sold. Between 1935 and 1949, the remaining sheets were produced by eight separate printers. Between 1935 and 1942, most maps were printed by G.W. Bacon & Co., and when the LSE was evacuated at the outbreak of war this firm provided the Survey with temporary office space. However, in May 1942 their works was completely destroyed in a German raid and the Survey lost all its office records, its main stock of printed maps and nearly all printing plates. Thereafter, printing work was shared between Stanford's and W. & A.K. Johnston, and Stanford's also acted as agents.

The Second World War did, however, bring greater official support for the Survey. The emergency County Agricultural Committees were loaned the six-inch field sheets, and an annual Treasury grant of £1,500 funded publication of the remaining maps. In 1942, Stamp was appointed Chief Adviser to the Ministry of Agriculture on rural land utilisation, and in practice the Survey and some of its staff were absorbed into the Ministry's new planning branch. In 1943, the Scottish Departments of Health and of Agriculture funded publication of twenty-one maps covering the more populous parts of Scotland. Government funding ended in late 1945. The remaining sheets for England and Wales all appeared in 1946. Further sheets for Scotland appeared between 1947 and 1949, but sheets covering northern Scotland were compiled and placed in the Royal Geographical Society collection, but never published (see figure 3).

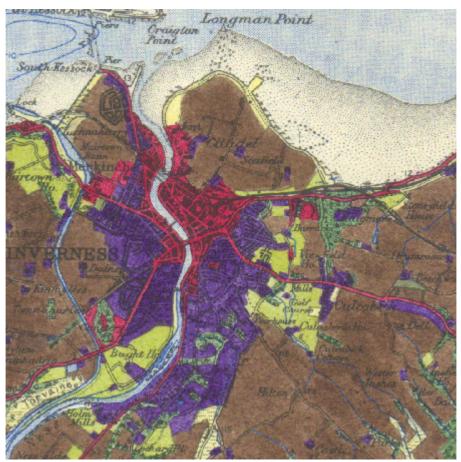


Figure 3: Hand-painted LUSGB map of Inverness

In all, the LUSGB published 135 maps of England and Wales, an additional 34 of Scotland, and 92 County Reports, as listed in our appendices. The total cost of the survey was £52,918, of which £33,729 was printing costs; Stamp noted that the cost would have been far greater had staff been paid at market rates. The survey's total income was £40,716, of which £3,000 came from the Pilgrim Trust, £4,242 from the Rockerfeller Foundation, £11,000 from the Treasury during the war, and £18,855 from sales. How the net loss of £12,201 was absorbed is unclear, although the LSE wrote off all losses up to June 1936 and it seems likely that the remainder was funded by Stamp's earnings from writing textbooks.

The Second Land Utilisation Survey

The Second Land Utilisation Survey, directed by Professor Alice Coleman and again based in the Joint School of Geography of the LSE and King's College London, aimed to build on the experience of the first and employed a broadly similar methodology, including the use of schools. Professor Coleman aimed to build on the lessons learnt by the LUSGB, and was able to discuss detailed methods with Stamp himself; for example, while the LUSGB aimed to record fields containing grass as part of a crop rotation as "Arable", and only *permanent* pasture as pasture, he advised her that this had been hard to implement and to simply record the actual crop growing at the time of the survey.



Figure 4: Second Survey Colour Conventions

In two respects the Second Survey aimed at greater thoroughness than the LUSGB. Firstly, much more detailed land use information was gathered, recording 70 different land uses. Figure 4, taken from Coleman and Shaw (1980, pp. 38-9) provides a key for 55 of them, printed using 11 colours. Rather than the Stamp Survey's classification of agricultural land primarily into just arable and pasture, they identified types of crop in some detail. Secondly, they planned to publish the results at 1:25,000 rather than at one mile to the inch. The survey was launched in 1960 and survey work was half complete by 1963. Their survey of England and Wales was completed, but only 110 (15%) of the maps, each covering 200 km², were published. Two different printers were used.

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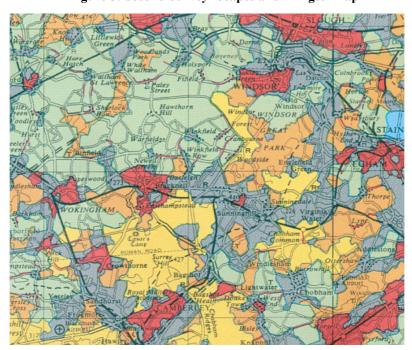


Figure 5: Second Survey 'Scapes and Fringes' map

Figure 5 shows part of the "Scapes and Fringes" maps published by the Second Survey, which unlike the 1:25,000 maps cover the whole of England and Wales. They were created at 1:400,000 scale via a very formal map generalisation algorithm, astonishingly computed manually. Figure 6, on the next page, provides two contrasting samples from the published maps, and the greater detail compared to the Stamp survey is obvious. The Second Survey re-mapped Buckinghamshire, Merseyside and Surrey, and certain other isolated sheets, in the 1970s.

Dr. Southall visited Professor Coleman in Dulwich in June 2003, as part of our earlier work for the Environment Agency, and she attended the consultative meeting we held in April 2005. Since then we have been attempting to arrange another visit to Dulwich. She was unable to attend our one-day conference in June 2006, but in September 2006 she wrote saying that she intends herself to write a history of the Second Survey and, crucially, that she has decided the records of the Survey should be deposited with King's College Library. We have written back asking how we might assist in this, and are awaiting further developments.

Given this history, we are unable to include here any detailed description of the unpublished records of the Second Survey but we regard them as of the utmost importance: in important senses, the most detailed geographical survey of Britain prior to modern remote sensing. Although the records are often described as being at Professor Coleman's house, this gives a misleading sense of how they are stored: in fact, Professor Coleman owns the house next door to the one she lives in, and uses it as a dedicated store for the records. We have no immediate concerns about physical preservation, but long-term preservation is clearly problematic unless the records come into the care of an institution with continuing staffing.

School 10 PP Willa Swamping's Farm

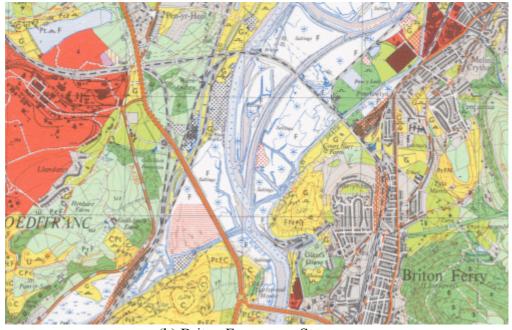
Elderberry Hall PDelgate Farm

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Moulton C

Figure 6: Samples from Second Survey 1:25,000 sheets

(a) Rural fenlands



(b) Briton Ferry, near Swansea

The 'Land Use UK' Survey, 1996-7

A third survey was conducted by the Geographical Association in the 1990s, under the leadership of Prof. Rex Walford of Cambridge University as National Secretary. The survey work was carried out by school pupils working to a detailed brief in a specially published survey handbook. However, unlike the earlier surveys, the data was collected by using a stratified sample of 1000 1 km square units as shown in figure 7, so no overall map of the country was produced. There was an important exception: the whole area covered by sheet 77 of the Second Land Utilisation Survey, covering 200 square kilometres of the Sussex coast centred on Brighton, was resurveyed and published by Land Use UK.

Basing Land Use UK on sampling clearly made for a much more manageable project and avoided the tortuous publishing histories of the earlier surveys. While they are unlikely ever to be published, the project did create a thousand separate field survey sheets similar to those of the earlier surveys and each covering a kilometre square. These are currently held by the Geographical Association in Sheffield and have formed the basis for research by Ruth Swetnam of the Centre for Ecology and Hydrology at Monk's Wood comparing the maps from all three surveys for selected areas. They also provide an important benchmark, using essentially the methodology of the Stamp and Second surveys to gather data for a period when satellite imagery is also available.

Besides the use of sampling, another notable difference between the first two surveys and Land Use-UK is that the latter survey included a section called 'Views and Visions', in which the views of the surveyors themselves about current land-useages and possible future development were obtained.

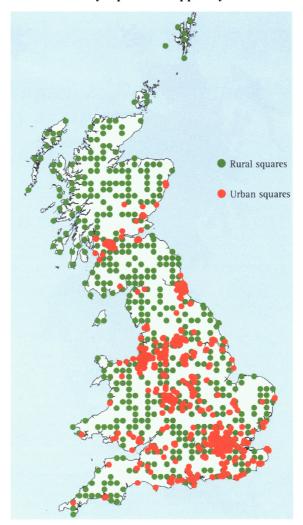


Figure 7: Location of "Key Squares" mapped by the Land Use UK survey

Recent Developments

Before discussing what more can be done to secure the future of these materials, some more recent developments should be noted:

(1) In June 2005, the Frederick Soddy Trust agreed a small additional grant to support computerisation of the unpublished LUSGB maps of upland Scotland that we had located in the Royal Geographical Society. The funding covered only the employment cost of geo-referencing, but the maps were scanned for us at no charge by Imperial Mapping Ltd and we are also very grateful for the assistance of the RGS. Since September 2005 these maps have been freely accessible to the general public via the Vision of Britain web site. This means both that the whole of Stamp's Land Utilisation Survey has finally been published, and that the Scottish sheets are actually accessible to people in the areas covered: it is a long way from Ullapool to the RGS in London.

Figure 8: Colour separation for green layer from the LUSGB National Summary Sheet (South)



(2) In the spring of 2006, the Environment Agency funded a new project to investigate the potential for vectorising our existing computerised images of the published LUSGB maps. "Vectorising" means identifying the areas of each map occupied by each land use and recording them as polygons. It is then a small step to compute the

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proportion of each map, or of some administrative unit, given over a particular use, and to compare these statistics with more recent data. This work has made significant use of the colour separations created by the LUSGB as a stage in producing the published maps: each one inch maps required six separations for the blue, brown, green, purple, red and yellow inks, as well as the base layers provided by the Ordnance Survey. Although most of the separations have not survived, and many were clearly destroyed by German bombing, they do exist for twenty of the published maps including the southern national summary sheet shown in figure 8. Because each separation contains only one colour layer, and none of the lettering and other detail from the base layers, they are far easier to generate polygons from. We now hold digital scans of the separations for "Salisbury and Bulford", "Birmingham", most of "Dartmoor, Tavistock and Launceston", and the southern of the two ten mile-to-one inch summary sheets (see figure 8).

- (3) When originally inspected in the spring of 2005, the situation of the field survey sheets of the LUSGB stored at the LSE was worrying: although stored in a room reached from the LSE library, they were not officially part of the LSE collection and seemed in practice mainly the concern of Norman Cadge, formerly the LSE geography department's map curator and due to retire in the autumn of 2005. However, in December 2005 the LSE advised us that, although the maps had not been relocated, they were now officially part of the LSE library's collection and, like the correspondence files and the colour separations, in the care of the archives department. In January 2007 we were further advised that although there had been an investigation of alternative homes for the field survey sheets, it had now been agreed that the maps would remain a permanent part of the LSE archives. Susan Donnelly, the LSE archivist, commented that they were receiving a surprising amount of use and the archives plan to give them new publicity.
- (4) On June 29th, 2006, supported by the Higher Education Initiative Fund, the University of Portsmouth organised a one-day conference held at the Institute of Materials, Minerals and Mining in London. Speakers included Alastair Pearson (Portsmouth), Brian Short (Sussex), Will Pilfold (Sussex) and Rex Walford (Cambridge) on the history of the surveys; Alison Dickson (DEFRA Leeds), Alison Wray (DEFRA York), Paula Aucott (Portsmouth) and Linda Stewart (National Archives) on archiving and disseminating historical land use data; Ruth Swetnam (Monks Wood), Humphrey Southall (Portsmouth) and Brian Baily (Portsmouth) on analytical use; and Andrew Baker (Countryside Agency), Mark Everard (Environment Agency) and Stephen Preston (English Nature) on policy applications.
- (5) One direct result of the June 2006 meeting is that the Department of the Environment, Farming and Rural Affairs have funded a further investigation of the data gathered by the Agricultural Census, or "June Survey", since the 1860s. Although these data are much cruder than those gathered by the Land Utilisation Surveys, they provide annual time series and so provide an essential complement to the one-off surveys. This new project is being undertaken during the spring of 2007.

It is likely that none of the above developments would have occurred had the project funded by the Trust not been undertaken.

Recommendations

(1) The Frederick Soddy Trust asked us to investigate the potential for **bringing together the records of the different surveys in a single study centre**, which the Trust might be able to help fund. We have to report that this is clearly impossible precisely because the records of the Stamp survey are all held by several different professionally-run libraries and archives who all expect to retain the records they currently hold: the LSE archives would not pass the records they hold to Sussex University, and vice-versa. For example, the map librarian at Hull University advised us, in connection with the LUSGB field survey sheets they hold, that "Having spoken to some teaching staff they feel that these maps are used frequently by staff and students, so naturally an agreement to transfer them seems out of the question" (e-mail from Bernie Baron, 15/3/2005). In this case, there are obvious advantages to holding the sheets for the East Riding near the area they cover.

What would be far easier to achieve is a virtual archive, combining materials from different physical collections in a single web site; the Hull librarian added that "making the collection available on-line would be far more acceptable". In some senses, we have already made a start on this within Vision of Britain, combining the published maps of the Stamp survey, assembled from copies in various libraries, with the unpublished Scottish sheets held by the Royal Geographical Society.

- The Frederick Soddy trustees specifically raised the future of the records of the (2) Land Use UK survey. Current access arrangements are clearly unsatisfactory, as while the Geographical Association does its best to help, the records are held in their ordinary offices which are not designed to receive a significant number of readers. While we understand that the Trust might be interested in funding a study room within the GA offices, this could be only part of a solution as the GA also lack professional curatorial staff, i.e. archivists or librarians trained to preserve material indefinitely. Funding these would be a substantial long-term commitment. Given the relatively limited quantity of material, approximately two filing cabinets, it seems more realistic to move the Land Use UK records to an organisation which already has the necessary staff. While the local Sheffield Archives might be a possibility, the records are of national significance and clearly associated with the discipline of geography. The obvious repository would be the Royal Geographical Society. A formal approach to the RGS goes beyond our brief, informally the RGS Curator of Maps has suggested this might well be possible, especially if some limited financial assistance were available.
- Overall, a remarkably high proportion of all the working papers of the original Land Utilisation Survey of Great Britain have survived and are now held by libraries and archives. While there is little prospect of their being assembled in one place, in general we have few concerns about their future. The future of the very large number of **LUSGB Field Survey Sheets** appeared much more problematic when we began this survey. However, and as discussed above, the LSE has now decided to fully incorporate their holdings of the field survey sheets into their archives. We suspect that some other sheets exist scattered around the country, in addition to those in Liverpool and Hull, but suspect the LSE could provide a home for them if they surfaced. It should probably be added that while the field survey sheets record a vast effort right across Britain, involving thousands of participants whose names

appear on the sheets, all the land use information that appears on the majority of the sheets also appears on the published sheets in more easily used form. Norman Cadge, the LSE map librarian suggested that maybe twenty per cent of the sheets include additional information such as particular crops or types of animal which does not appear on the published maps, and a cataloguing project to identify these would be useful but time-consuming.

(4) Ensuring the survival of the Land Use UK records is an important goal but probably relatively easy to achieve. None of the records of the LUSGB are in any real jeopardy. Our greatest concern is for the records of the Second Land Utilisation Survey. Even though we were unable to inspect them, we know that these include over 6,000 field survey sheets from which the information has not been systematically extracted: together, these comprise clearly the most detailed survey of Britain's land use ever undertaken and, with the limited exception of the drastically simplified information on the "Scapes and Fringes" maps, the only copy of this information is held by Professor Coleman in Dulwich. We are confident that the records are well organised and well cared for, but there must for example be some risk of catastrophic damage through fire.

There is by now considerable official interest in this material; for example, our advice to the Environment Agency is that their need for historic data would be better met by the Second Survey than the LUSGB, and similarly our advice to the Countryside Agency is that the Second Survey mapping would be simpler to computerise than the 1941 Farm Survey, which we have also been investigating. However, the maps are the personal property of Professor Coleman and some of her past experiences with official bodies were clearly unhappy; for the time being we have to assume they will remain in her possession. We welcome Professor Coleman's proposal to deposit them at Kings' College.

If this does not happen in the near future there is perhaps one way forward, which no government body could possibly agree to but which a charitable trust might be able to consider. This would be to offer to arrange for all the Second Survey field survey sheets to be scanned on site at Dulwich. There are a number of firms with scanning systems that can be set up at a customer's premises, meaning that the original maps need never leave Professor Coleman's property. Without an on-site assessment it is hard to provide detailed costings, but this should cost under £100,000, probably substantially less. Given that our most pressing concern is to ensure the survival of the information even if something were to happen to the paper maps, and given Professor Coleman's clear concerns, we suggest that the only condition be that the scans must then be stored at another location, i.e. that there be no transfer of physical ownership or copyrights.

Ideally, we would also ask that sample scans be made available to investigate the potential for further processing. The Second Survey's instructions to schools were far more detailed than those of the LUSGB, and in particular specified particular crayons in the "Lakeland Brownie" range to be used for marking particular land uses on the field survey sheets. Such consistency makes it possible that automated image processing techniques, like those we have been applying to the published LUSGB maps, could be used to permit raid and systematic analysis of the whole survey. However, the overwhelming immediate need is simply to create a second copy of the maps at a different location.

Appendix 1: LUSGB Instruction Leaflet for Schools:

LAND USE 1931-38

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Please do not destroy this Leaslet, but hand it to someone who may be interested.

THE LAND UTILISATION SURVEY OF BRITAIN

Director:

L. DUDLEY STAMP, B.A., D.Sc. (Lond.), A.K.C., M.I.P.T., F.R.G.S., F.G.S.

Organising Secretary:

EDWARD C. WILLATTS, B.Sc. (Econ.).

Advisory Committee:

Sir WILLIAM H. BEVERIDGE, K.C.B., D.Sc. (Econ.) (Lond.), LL.D. (Chicago), M.A.,

B.C.L. (Oxon.), LL.D. (Aber.) (Director of the London School of Economics). Colonel G. S. C. COOKE, D.S.O., R.E. (Ordnance Survey of Great Britain).

E. E. FIELD, Esq., O.B.E., Ph.D., B.Sc., F.R.G.S. (Controller, Northamptonshire Survey).

WILFRED J. FLEET, Esq., F.L.A.S., F.H.A.S., F.C.S. (Land Agents' Society).
J. L. HOLLAND, Esq., B.A., F.R.G.S. (County Councils Association).
P. B. NEVILLE, Esq., F.C.A. (Headquarters Commissioner for Kindred and Other Societies, Boy Scouts' Association).
Sir E. JOHN RUSSELL, D.Sc., F.R.S. (Director, Rothamsted Experimental Station).

Central Office:

London School of Economics, Houghton Street, London, W.C.2. Telephone: Holborn 9783. Telegrams: Stamp, Poleconics, Estrand, London.

The Land Utilisation Survey of Britain is a voluntary organisation, which aims at making a complete survey of Britain, with the object of finding out exactly for what purposes the surface of the country is used. In these days when rapid changes are going on, and farmers are giving up their arable land, and converting much of their holdings into pasture, it is very desirable that a record should be made of the uses of the land in this country at the present time; so that in the future there will be a permanent record available for the years 1931/2, to which reference can be made just as we at the present date can refer in England to the survey described in Domesday Book, and in Scotland to the Old and New Statistical Accounts. The survey is being carried out on the Ordnance Maps issued by the Ordnance Survey Office on the scale of six inches to the mile, because on these maps every individual field is marked. The survey carried out on these maps will eventually be reduced to the scale of one inch to one mile for publication.

The success of the whole scheme depends on the co-operation of voluntary workers all over the country. There are about 22,000 quarter-sheets of the six inch maps to be covered, and 22,000 volunteers willing to devote two or three days' leisure are required. The work is being organised as far as possible on a county basis, and in most counties the Director of Education is in charge.

Any individuals who are willing to undertake a survey of their home area are requested to communicate, in the first instance, with the Organising Secretary, unless this leaflet has been received from a county headquarters.

Figs. 4-7.—Reproduction of the Leaflet of Instructions issued to all helpers (4th edition).

The Survey has been organised under the auspices of the Geographical Association and the University of London, represented by the London School of Economics. Education Authorities recognise that the survey of local areas has not only a permanent value as a record, but is a very instructive exercise when carried out by parties of school-children under the supervision of a master or mistress. The scheme had the approval and support of Sir Charles Trevelyan and Dr. Lees-Smith former Presidents of the Board of Education, and the late Sir Donald Maclean (Minister for Education in the present Government) stated: "I am quite at one with my immediate predecessors at the Board in the opinion that the work in map reading and Local Geography, which is stimulated in the schools by The Land Utilisation Survey, can be of great educational value."

The Scottish Education Department has also shown its approval and given much practical help, and Sir Henry Richards, His Majesty's Chief Inspector for England, is actively supporting the work. The Ordnance Survey is doing is utmost to assist the Survey.

METHOD OF CARRYING OUT A SIMPLE SURVEY.

1. A definite area should be chosen, and convenient units are the quarter-sheets of the Ordnance Survey six inch maps, which are ideal for the purpose. Most of these maps are published as quarter-sheets, each of which covers an area measuring three miles by two. Some, however, especially in Scotland, are only published as full-sheets, covering four times this area.

Maps can be obtained from any Ordnance Survey Agent, but are obtainable for the purposes of the Land Utilisation Survey from the Central Office of the Survey at the reduced rate of one shilling and sixpence per quarter-sheet, or three shillings and ninepence per full-sheet (i.e., for a sheet only published in the full size). Maps so purchased remain the property of the surveyor; when completed they will be photographed by the Survey and the originals returned. The individual worker would be well advised to have two copies of each map, one for rough field work and the other for the finished copy. In the case of schools, a useful practice is to trace off the main lines, including field boundaries, and to hectograph sufficient copies for every pupil to have one. Another method widely adopted, which takes less time, is to trace off on tracing or greaseproof paper pieces of the map. These tracings can then be taken home by the children, and observations made independently by several groups, and the results recorded on the map kept in school.

2. The following classification of land must be adopted and is most important:—

The maps MUST be marked with the letters as shown below, and may in addition be coloured with water colour or crayons. Such colouring must only be very light, since heavy colouring obscures the detail on the underlying map, as well as the lettering on the photographed copy.

		LETTER	COLOUR
	DESCRIPTION.	MARKING	. MARKING.
		(essential)
(1)	FOREST and Woodland to be marked	F	Dark Green.
(2)	MEADOWLAND and permanent grass	M	Light Green.
(3)	ARABLE or tilled land, fallow, rotation grass, and		· ·
	market gardens (see note)	Α	Brown.
(4)	HEATHLAND, moorland, commons, and rough hill		
	pasture	H	Yellow.
(5)	GARDENS, allotments, orchards, nurseries, etc	G	Purple.
(6)	LAND agriculturally unproductive, e.g., buildings,		1
` '	yards, mines, cemeteries, etc	w	Red.
(7)	PONDS, lakes, reservoirs, ditches, dykes, streams and		
` '	anything containing water	P	Rlue

3. The completed map should have the name and address of the Surveyor and the date, written on the FRONT of the sheet.

NOTES ON THE CLASSIFICATION.

- 1. FORESTS and woodland are usually marked on the six-inch maps, but all the areas must be checked. Care must be taken to include the newly planted areas. When this has been done the woodland must be classified as follows:—
 - (a) High Forest, big trees, sufficiently close for their crowns to touch; also state whether the trees are Coniferous, Deciduous, Mixed.
 - (b) Coppice, or coppice with standards, woodland that is cut over every few years, for fencing, posts, etc.
 - (c) Scrub, any small bushes or trees unfit for cutting.
 - (d) A Forest, cut down and not replanted. This requires a note stating its present character.

A note should also be made against any forest or woodland which is not intended to supply timber, but is ornamental, for screening houses and gardens, etc.

In practice it has been found that the simplest way of dealing with forest or woodland on the field map is as follows:—Mark each piece of forest with the letter F; then distinguish its character according to the above classification as Fa, Fb, Fc, Fd. Then distinguish coniferous (c), deciduous (d), or mixed (m), thus: Fa^c, Fb^m, etc. Any woodland not intended to supply timber may be shown by underlining the symbol thus: Fa^d. There is sometimes room to mention in brackets the chief trees, e.g. (oak) (beech), etc.

Plantations of trees intended for timber should be marked Fa, with a note "plantation."

- 2. MEADOWLAND AND PERMANENT GRASS. Care must be taken not to include rotation grass (grass grown in rotation with crops) under this classification.
- 3. ARABLE or tilled land includes rotation grass and fallow land. Rotation grass is often indicated by a large proportion of clover. At the present time, when much land which was recently arable is being converted to permanent grassland, its appearance, showing evidences of recent cultivation, gives rise to doubt as to whether it is Arable or Meadow. In such cases, information should be obtained from the farmer. A point, easily recorded, which may well be added to the map is the crop actually being grown at the date of the Survey. MARKET GARDENS are arable, being merely a special form of agriculture and should accordingly be marked A. Where it is quite clear that they are market gardens, they should be marked A (M.G.).
- 4. HEATHLAND, MOORLAND, COMMONS and ROUGH HILL PASTURE. This type of land is usually already distinguished on the six-inch maps. Swamps and marshes are often used as rough pasture, and should be included here. It is advisable to make a special note against any land where there is any doubt, saying what use is made of it.
- 5. GARDENS, ALLOTMENTS, ORCHARDS, NURSERIES, etc. Houses with gardens sufficiently large to grow a few vegetables or even flowers should be marked G (garden) since the area is productive. Backyards and other areas agriculturally unproductive should, however, be marked W. Allotments are merely gardens at a distance from the house. ORCHARDS are usually already distinguished on the maps (but should, of course, be checked). They must be marked G. In some orchards, in addition to the fruit trees, the ground is used for grazing or for agriculture. In such cases they should be marked G(M) when used for fruit and pasture, or G(A) when used for fruit and ground crops. The addition of the word "orchard" is useful.
- 6. UNPRODUCTIVE LAND. This includes buildings, yards, mines, cemeteries and waste land, i.e., all ground of which the soil is not productively used. It is advisable to make a special note stating the character of all considerable areas marked (W).

OTHER POINTS.

Parks should be classified according to the use of the land, e.g., pasture, woodland, gardens, etc. Public parks are large gardens used by the public, and should be marked G.

Golf Courses can sometimes be used for grazing, and then are permanent grassland (M). Others are heathland and moorland (H). Mark them also with the words "Golf Course."

Sports Grounds are usually grassland, but where devoted entirely to sports, they should be specially distinguished, e.g., M (Sports).

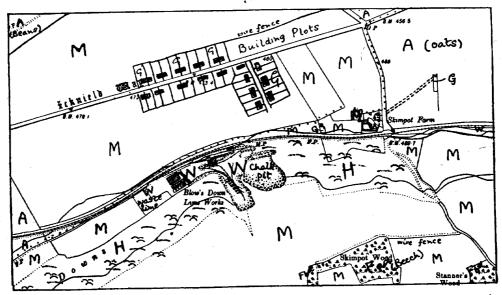
Poultry Farms usually occur on meadowland. A special note should be made against them.

New Buildings, Roads, etc., made since the map was printed should be sketched in as far as possible. In the case of a new building estate it is not necessary to mark in every house, but the general plan of the roads and lines of houses should be indicated, and in the case of undeveloped estates the approximate boundaries should be ascertained and a note made of the estates. When a whole area is marked off as "Building Estate" a note should be added as to whether it is undeveloped (lying waste), partly developed (scattered dwellings), or more fully developed.

SPECIMEN OF A FINISHED MAP.

N.B.—Notes and comments can be written in the margin of the map upon any points of interest or difficulty of interpretation.

Remarks concerning the types of field boundaries, kinds of crops and fruits, grazing animals, etc., are extremely useful.



(Based upon Ordnance Survey Map, with the sanction of the Controller of H.M. Stationery Office.)

Fourth Edition, June, 1932.

Appendix 2: List of Archival Holdings & Land Utilisation Survey Publications Table A: Land Utilisation Survey County Reports First Series

PUBLICATION TITLE: The Land of Britain. The Report of the Land Utilisation Survey of Britain

EDITOR: L. Dudley Stamp, BA, DSc

PUBLISHER: Geographical Publications Ltd

VOLUME	PLACE / DATE PUBLICATION			AUTHOR	ł	PAGES	NOTES
VOL I, Scotland (Highlands and West)	London, 1937- 1944	1	AYRSHIRE	JOHN H.G. LEBON	1937	1-83	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	2	MORAY AND NAIRN	FRANK HENRY WINN GREEN	1937	85-124	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	3	SUTHERLAND	FRANK T. SMITH	1939	125-188	
VOL I, Scotland (Highlands and West)	,	4	ORKNEY	ANDREW CHARLES O'DELL	1939	189-263	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	5	ZETLAND	ANDREW CHARLES O'DELL	1940	265-309	

VOLUME	PLACE / DATE	DADT	COUNTRY	AUTHOR	DATE	DA CEC	NOTES
VOLUME VOL I, Scotland (Highlands and West)	PUBLICATION London, 1937- 1944	6	BANFFSHIRE	AUTHOR E.B. DOBSON	1941	311-351	NOTES
VOL I, Scotland (Highlands and West)	London, 1937- 1944	7	KIRKCUDBRIGHT	F. KENNETH HARE	1942	353-406	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	8	WIGTOWN	F. KENNETH HARE	1942	407-422	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	9	ROSS AND CROMARTY	STANLEY WILLIAM EDWARD VINCE	1944	423-599	PRINTED TOGETHER SINGLE TITLE PAGE
VOL I, Scotland (Highlands and West)	London, 1937- 1944	10	THE HEBRIDES	STANLEY WILLIAM EDWARD VINCE	1944	423-599	PRINTED TOGETHER SINGLE TITLE PAGE
VOL I, Scotland (Highlands and West)	London, 1937- 1944	11	ARGYLL AND PERTHSHIRE	STANLEY WILLIAM EDWARD VINCE	1944	423-599	PRINTED TOGETHER SINGLE TITLE PAGE
VOL I, Scotland (Highlands and West)	London, 1937- 1944	12	THE MAINLAND AND INVERNESS	C.J. HUNT	1944	601-669	
VOL I, Scotland (Highlands and West)	London, 1937- 1944	13	BUTESHIRE	L. DUDLEY STAMP	1944	671-692	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	14	BERWICKSHIRE	PERCIVAL C. WAITE	1941	1-55	

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	15	CAITHNESS	STANLEY WILLIAM EDWARD VINCE	1944	57-122	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	16	THE LOTHIANS	P.M. SCOLA	1944	123-218	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	17	THE LOTHIANS	P.M. SCOLA	1944	123-218	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	18	THE LOTHIANS	P.M. SCOLA	1944	123-218	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	19	DUMFRIESHIRE	J.A. MCIVER	1945	219-258	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	20	RENFREWSHIRE	MORAG D. MOYES	1946	259-287	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	21	LANARKSHIRE	L. DUDLEY STAMP	1946	289-327	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	22	DUMBARTON	L. DUDLEY STAMP	1946	329-354	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	23	STIRLINGSHIRE	L. DUDLEY STAMP	1946	355-378	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	24	PEEBLES SHIRE	DAVID L. LINTON	1946	379-461	SINGLE REPORT 24 & 25
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	25	SELKIRKSHIRE	CATHERINE P. SNODGRASS	1946	379-461	SINGLE REPORT 24 & 25
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	26	ROXBURGHSHIRE	ANDREW CHARLES O'DELL	1946	463-480	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	27	ANGUS (FORFAR)	E.B. DOBSON	1946	481-591	
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	28	KINCARDINESHIRE	L. DUDLEY STAMP	1946	593-609	TWO SEPARATE REPORTS BUT SINGLE TITLE PAGE 28 & 29

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	29	ABERDEENSHIRE	W.G. OGG AND A. MUIR	1946	611-635	TWO SEPARATE REPORTS BUT SINGLE TITLE PAGE 28 & 29
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	30	FIFE	ANDREW C. O'DELL AND CATHERINE P. SNODGRASS	1946	637-665	ONE PART BUT TWO REPORTS
VOL II, Scotland (Lowlands and East)	London, 1941- 1946	30	FIFE WITH KINROSS AND CLACKMANNAN	COMPILED BY L.DUDLEY STAMP	1946	666-680	ONE PART BUT TWO REPORTS
VOL III, Wales	London, 1938- 1946	31	GLAMORGAN	A.N. THOMAS	1938	1-71	
VOL III, Wales	London, 1938- 1946	32	PEMBROKESHIRE	MARGARET F. DAVIES	1939	73-170	
VOL III, Wales	London, 1938- 1946	33	MERIONETH	L.A. HOLLIDAY	1940	171-208	
VOL III, Wales	London, 1938- 1946	34	ANGLESEY	AUBREY D. LEWIS	1940	209-266	
VOL III, Wales	London, 1938- 1946	35	RADNOR	L.K.REDFORD	1940	267-290	
VOL III, Wales	London, 1938- 1946	36	MONTGOMERYSHIRE	J. MAY AND S.F. WELLS	1942	291-358	
VOL III, Wales	London, 1938- 1946	37	BRECON	ROSALIND M. WHYTE	1943	359-416	LANDUSE IN BRECON AND RADNOR 150 YEARS AGO SECTION BY EMRYS J. HOWELL AND THE BLACK MOUNTAINS SECTION BY L.S.MCCAW AND E.J. HOWELL

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL III, Wales	London, 1938- 1946	38	MONMOUTH	A. RHYS CLARKE	1943	417-496	HISTORICAL SECTION BY E.J. HOWELL
VOL III, Wales	London, 1938- 1946	39	CARMARTHENSHIRE	B.L. DAVIES AND H. MILLER	1944	497-559	
VOL III, Wales	London, 1938- 1946	40	CARDIGANSHIRE	EMRYS J. HOWELL	1946	561-614	
VOL III, Wales	London, 1938- 1946	41	NORTH WALES; CAERNARVONSHIRE, DENBIGHSHIRE AND FLINTSHIRE	EMRYS J. HOWELL	1946	615-747	SOME DETAILS REFERRING TO WHOLE OF WALES
VOL III, Wales	London, 1938- 1946	42	NORTH WALES; CAERNARVONSHIRE, DENBIGHSHIRE AND FLINTSHIRE	EMRYS J. HOWELL	1946	615-747	SOME DETAILS REFERRING TO WHOLE OF WALES
VOL III, Wales	London, 1938- 1946	43	NORTH WALES; CAERNARVONSHIRE, DENBIGHSHIRE AND FLINTSHIRE	EMRYS J. HOWELL	1946	615-747	SOME DETAILS REFERRING TO WHOLE OF WALES
VOL IV, Northern England	London, 1941- 1945	44	ISLE OF MAN	NORMAN PYE WITH CONTRIBUTIONS BY ELWYN DAVIES	1941	1-45	
VOL IV, Northern England	London, 1941- 1945	45	LANCASHIRE	WILFRID SMITH	1941	47-78	HISTORICAL SECTION BY L. DUDLEY STAMP
VOL IV, Northern England	London, 1941- 1945	46	YORKSHIRE (WEST RIDING)	S.H. BEAVER	1941	79-186	
VOL IV, Northern England	London, 1941- 1945	47	COUNTY DURHAM	ADA TEMPLE WITH CONTRIBUTIONS BY GORDON MANLEY	1941	187-231	

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL IV, Northern England	London, 1941- 1945	48	YORKSHIRE (EAST RIDING)	L. DUDLEY STAMP	1942	233-265	
VOL IV, Northern England	London, 1941- 1945	49	CUMBERLAND	L. DUDLEY STAMP WITH CONTRIBUTIONS BY GORDON MANLEY AND ELWYN DAVIES	1943	267-324	
VOL IV, Northern England	London, 1941- 1945	50	WESTMORLAND	L. DUDLEY STAMP WITH CONTRIBUTIONS BY GORDON MANLEY AND ELWYN DAVIES	1943	325-348	
VOL IV, Northern England	London, 1941- 1945	51	YORKSHIRE (NORTH RIDING)	S.W. WOOLRIDGE	1945	349-417	
VOL IV, Northern England	London, 1941- 1945	52	NORTHUMBERLAND	L. DUDLEY STAMP	1945	419-486	WHOLE COMPILED WITH THE HELP OF NOTES BY G.H.J. DAYSH. CLIMATE SECTION BY GORDON MANLEY.
VOL V, Midlands (East and North)	London, 1937- 1946	53	RUTLAND	MARGARET E. BROUGHTON	1937	1-38	
VOL V, Midlands (East and North)	London, 1937- 1946	54	BUCKINGHAMSHIRE	D.W. FRYER	1942	39-98	
VOL V, Midlands (East and North)	London, 1937- 1946	55	BEDFORDSHIRE	C.E. FITCHETT	1943	99-191	
VOL V, Midlands (East and North)	London, 1937- 1946	56	OXFORDSHIRE	MARY MARSHALL	1943	193-240	

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL V, Midlands (East and North)	London, 1937- 1946	57	LEICESTERSHIRE	R.M. ANTY	1943	241-327	
VOL V, Midlands (East and North)	London, 1937- 1946	58	NORTHAMPTONSHIRE	S.H. BEAVER	1943	331-392	BASED IN PART ON A MANUSCRIPT BY D.M. ALLEN. SOILS SECTION BY G. ROBIN CLARKE
VOL V, Midlands (East and North)	London, 1937- 1946	59	SOKE OF PETERBOROUGH	D.M. ALLEN	1943	393-413	DESCRIBED ITSELF AS BEING BY THIS AUTHOR. SOILS SECTION BY G. ROBIN CLARKE
VOL V, Midlands (East and North)	London, 1937- 1946	60	NOTTINGHAMSHIRE	K.C. EDWARDS	1944	415-565	APPENDIX ON THE BLACK COUNTRY BY S.H. BEAVER
VOL V, Midlands (East and North)	London, 1937- 1946	61	STAFFORDSHIRE	J. MYERS	1945	567-652	
VOL V, Midlands (East and North)	London, 1937- 1946	62	WARWICKSHIRE	A.W. MCPHERSON	1946	653-842	
VOL VI, Midlands (West)	London, 1941- 1944	63	DERBYSHIRE	A.H. HARRIS WITH A CONTRIBUTION BY H.C.K. HENDERSON	1941	1-76	
VOL VI, Midlands (West)	London, 1941- 1944	64	HEREFORDSHIRE	MARGARET E. BROUGHTON	1941	77-120	
VOL VI, Midlands (West)	London, 1941- 1944	65	CHESHIRE	E.P. BOON	1941	121-196	
VOL VI, Midlands (West)	London, 1941- 1944	66	SHROPSHIRE	EMRYS J. HOWELL	1941	197-312	
VOL VI, Midlands (West)	London, 1941- 1944	67	GLOUCESTERSHIRE	S.W.E. VINCE	1942	313-404	

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL VI, Midlands (West)	London, 1941- 1944	68	WORCESTERSHIRE	K.M. BUCHANAN	1944	405-673	
VOL VII, Eastern England	London, 1937- 1942	69	LINCOLNSHIRE (PARTS OF HOLLAND)	GEORGE I .SMITH	1937	1-83	
VOL VII, Eastern England	London, 1937- 1942	70	NORFOLK	JOHN E.G. MOSBY	1938	85-256	
VOL VII, Eastern England	London, 1937- 1942	71	ISLE OF ELY	R.W.L. MELBOURNE	1940	257-306	
VOL VII, Eastern England	London, 1937- 1942	72	SUFFOLK (EAST AND WEST)	R.W. BUTCHER	1941	307-375	
VOL VII, Eastern England	London, 1937- 1942	73	SUFFOLK (EAST AND WEST)	R.W. BUTCHER	1941	307-375	
VOL VII, Eastern England	London, 1937- 1942	74	CAMBRIDGESHIRE	G.H.N. PETTIT	1941	377-408	
VOL VII, Eastern England	London, 1937- 1942	75	HUNTINGDONSHIRE	D.W. FRYER	1941	409-454	
VOL VII, Eastern England	London, 1937- 1942	76	LINCOLNSHIRE (PARTS OF LINDSEY AND KESTEVEN)	L. DUDLEY STAMP	1942	455-526	WRITTEN WITH THE ASSISTANCE OF NOTES BY G.I. SMITH
VOL VII, Eastern England	London, 1937- 1942	77	LINCOLNSHIRE (PARTS OF LINDSEY AND KESTEVEN)	L. DUDLEY STAMP WITH COLLABORATION OF EDINA C. WILLATTS	1942	455-526	SOME DETAILS REFERRING TO THE WHOLE OF EASTERN ENGLAND
VOL VIII, South- Eastern England	London, 1937- 1943	78	BERKSHIRE	J. STEPHENSON	1936	1-113	HISTORICAL SECTION BY W.G. EAST

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL VIII, South- Eastern England	London, 1937- 1943		MIDDLESEX AND THE LONDON REGION	E.C. WILLATTS	1937	115-304	
VOL VIII, South- Eastern England	London, 1937- 1943	80	HERTFORDSHIRE	L.G. CAMERON	1941	305-352	
VOL VIII, South- Eastern England	London, 1937- 1943	81	SURREY	L. DUDLEY STAMP AND E.C. WILLATTS WITH A CONTRIBUTION BY D.W. SHAVE	1941	353-399	
VOL VIII, South- Eastern England	London, 1937- 1943	82	ESSEX	N.V. SCARFE	1942	401-468	
VOL VIII, South- Eastern England	London, 1937- 1943	83	SUSSEX (EAST AND WEST)	E.W.H. BRIAULT	1942	469-555	INCORPORATING ORATING RESULTS OF RESEARCHES BY H.C.K. HENDERSON AND H.B. SMITH
VOL VIII, South- Eastern England	London, 1937- 1943	84	SUSSEX (EAST AND WEST)	E.W.H. BRIAULT	1942	469-555	INCORPORATING ORATING RESULTS OF RESEARCHES BY H.C.K. HENDERSON AND H.B. SMITH
VOL VIII, South- Eastern England	London, 1937- 1943	85	KENT	L. DUDLEY STAMP	1943	557-623	WITH NOTES BY THE REV. S. GRAHAM BRADE-BIRKS, AND BASIL S. FURNEAUX, AND WITH SOME DETAILS REFERRING TO THE WHOLE OF SOUTH-EASTERN ENGLAND

VOLUME	PLACE / DATE PUBLICATION	PART	COUNTY	AUTHOR	DATE	PAGES	NOTES
VOL IX, South- Western England	London, 1937- 1941	86	SOMERSET	T. STUART- MENTEATH	1938	1-141	WITH CO-OPERATION OF THE SOMERSET FARM INSTITUTE, CANNINGTON, AND THE SCHOOL OF RURAL ECONOMY, UNIVERSITY OF OXFORD. HISTORICAL CHAPTER BY S.C. MORLAND
VOL IX, South- Western England	London, 1937- 1941	87	WILTSHIRE	A.H. FRY	1940	143-241	
VOL IX, South- Western England	London, 1937- 1941	88	DORSET	L.E. TAVENER	1940	243-292	
VOL IX, South- Western England	London, 1937- 1941	89	HAMPSHIRE	F.H.W. GREEN	1940	295-390	
VOL IX, South- Western England	London, 1937- 1941	90	HAMPSHIRE (ISLE OF WIGHT) 1	E.C. WILLATTS AND L. DUDLEY STAMP	1940	391-403	
VOL IX, South- Western England	London, 1937- 1941	91	CORNWALL	B.S. ROBERTSON	1941	405-467	
VOL IX, South- Western England	London, 1937- 1941	92	DEVONSHIRE	L. DUDLEY STAMP	194?	469-544	
	London, 1950		THE CHANNEL ISLANDS	G. DURY	1950	1-54	INTRODUCTION BY STAMP SAYS COVERAGE OF CHANNEL ISLANDS NOT PART OF ORIGINAL PLAN, THEREFORE REPORT ADDITIONAL TO PARTS 1-92. MAPPING BASED ENTIRELY ON AIR SURVEY.

Table B: Land Utilisation Survey Map Colour Proofs LOCATION: Archives, LSE Lionel Robbins Building (Library)

FILE REFERENCE: Large Map Folder [1]

FILE REF:	FILE REF: SHEET PLACE					
SHEET NO	NAME	COLOUR	LAND USE	QTY	FORMAT	NOTES
		PROBABLY				
7	NEWCASTLE	GREEN	M	1		
23	SCARBOROUGH		PROBABLY MOORLAND	1		
27	YORK	PURPLE		1		
27	YORK	GREEN		1		
27	YORK	YELLOW		1		
40 & 48	GRIMSBY AND LOUTH	YELLOW		1		
40 & 48	GRIMSBY AND LOUTH	BROWN		1		
40 & 48	GRIMSBY AND LOUTH	GREEN		1		
40 & 48	GRIMSBY AND LOUTH	PURPLE		1		
40 & 48	GRIMSBY AND LOUTH	RED		1		
40 & 48	GRIMSBY AND LOUTH	BLUE		1		
45	BUXTON AND MATLOCK	BLUE		1		
45	BUXTON AND MATLOCK	BROWN		1		
45	BUXTON AND MATLOCK	YELLOW		1		
45	BUXTON AND MATLOCK	GREEN		1		
45	BUXTON AND MATLOCK	PURPLE		1		
47	LINCOLN	RED?	ROADS	1		
47	LINCOLN		Н	1		
47	LINCOLN		M	1		
47	LINCOLN		LESS DENSELY BUILT UP URBAN AREAS	1		SAYS 47G LINCOLN

FILE REF:	FILE REF: SHEET PLACE					
SHEET NO	NAME	COLOUR	LAND USE	QTY	FORMAT	NOTES
55	GRANTHAM	GREEN		1		
55	GRANTHAM	YELLOW		1		
55	GRANTHAM	PURPLE		1		
55	GRANTHAM	RED		1		
55	GRANTHAM	BROWN		1		
55	GRANTHAM	GREEN?		1		
64	PETERBOROUGH	PINK		1		
64	PETERBOROUGH	RED		1		
64	PETERBOROUGH	GREEN		1		
64	PETERBOROUGH	BUFF		1		
64	PETERBOROUGH	YELLOW		1		
64	PETERBOROUGH	PURPLE		1		
70	BISHOP'S CASTLE	PURPLE		1		
70	BISHOP'S CASTLE	YELLOW		1		
70	BISHOP'S CASTLE	BROWN		1		
70	BISHOP'S CASTLE	GREEN		1	HALF TONES	
70	BISHOP'S CASTLE	RED	CONTOURS	1		
72	BIRMINGHAM	PINK	BUILT UP	1		
72	BIRMINGHAM	PURPLE?		1		
72	BIRMINGHAM	BROWN		1		
72	BIRMINGHAM	GREEN		1		
72	BIRMINGHAM	YELLOW		1		
73	RUGBY		G	1		
73	RUGBY		W	1		
73	RUGBY		A - ARABLE?	1		

FILE REF:	FILE REF: SHEET PLACE					
SHEET NO	NAME	COLOUR	LAND USE	QTY	FORMAT	NOTES
73	RUGBY	PROBABLY GREEN	M	1		
73	RUGBY		Н	1		
80	KINGTON	BLUE		1		
80	KINGTON	RED		1		
80	KINGTON	GREEN		1		
80	KINGTON	YELLOW		1		
80	KINGTON	PURPLE		1		
80	KINGTON	BROWN		1		
82	STRATFORD ON AVON	PURPLE		1		
82	STRATFORD ON AVON	PINK		1		
82	STRATFORD ON AVON	GREEN		1		
82	STRATFORD ON AVON	BUFF		1		
82	STRATFORD ON AVON?		ROADS	1		FULL IDENTITY IS MISSING
83	NORTHAMPTON	GREEN		1		
83	NORTHAMPTON	RED		1		
83	NORTHAMPTON	YELLOW		1		
83	NORTHAMPTON	BROWN		1		
83	NORTHAMPTON	PURPLE		1		
86	BURY ST EDMUNDS AND SUDBURY	GREEN		1		
86	BURY ST EDMUNDS AND SUDBURY	BROWN		1		
92	GLOUCESTER AND FOREST OF DEAN	BLUE		1		
92	GLOUCESTER AND FOREST OF DEAN	BROWN		1		

FILE REF:	FILE REF: SHEET PLACE					
SHEET NO	NAME	COLOUR	LAND USE	QTY	FORMAT	NOTES
92	GLOUCESTER AND FOREST	YELLOW		1		
	OF DEAN					
92	GLOUCESTER AND FOREST OF DEAN	GREEN		1	HALF TONES	
92	GLOUCESTER AND FOREST OF DEAN	PURPLE		1	HALF TONES	
92	GLOUCESTER AND FOREST OF DEAN	RED		1		
93	STOW ON THE WOLD	RED		1		
93	STOW ON THE WOLD	YELLOW		1		
93	STOW ON THE WOLD	GREEN		1	HALF TONES	
93	STOW ON THE WOLD	PURPLE		1		CUT ALONG OUTLINE OF EDGE
93	STOW ON THE WOLD	BROWN		1		CUT ALONG OUTLINE OF EDGE
93	STOW ON THE WOLD	BLUE		1		
94	BICESTER	GREEN		1		
94	BICESTER	BROWN		1		
94	BICESTER	YELLOW		1		
94	BICESTER	VIOLET		1		
94	BICESTER	YELLOW		1		
94	BICESTER	GREEN?		1		
94	BICESTER	PURPLE		1		
94	BICESTER		A - ARABLE?	1		
94	BICESTER	RED		1		VERY SIMILAR TO LINES ONE
94	BICESTER?		LINES	1		VERY SIMILAR TO RED ONE
96	HERTFORD AND BISHOP'S STORTFORD		ARABLE	1		

FILE REF:	FILE REF: SHEET PLACE					
SHEET NO	NAME	COLOUR	LAND USE	QTY	FORMAT	NOTES
97 & 98	COLCHESTER AND CLACTON ON SEA	GREEN		1		
97 & 98	COLCHESTER AND CLACTON ON SEA	GREEN		1		
97 & 98	COLCHESTER AND CLACTON ON SEA	RED		1		
97 & 98	COLCHESTER AND CLACTON ON SEA	YELLOW		1		
104	SWINDON AND CIRENCESTER	PURPLE		1		
104	SWINDON AND CIRENCESTER	GREEN		1		
104	SWINDON AND CIRENCESTER	YELLOW		1		
104	SWINDON AND CIRENCESTER		ROADS	1		
104	SWINDON AND CIRENCESTER	BROWN		1		
106	WATFORD	MAUVE		1		
106	WATFORD	YELLOW		1		
108	SOUTHEND AND DISTRICT	BUFF		1		
108	SOUTHEND AND DISTRICT	GREEN		1		
110 & 111	BATH AND BRISTOL		LESS DENSELY BUILT UP URBAN AREAS	1		
110 & 111	BATH AND BRISTOL	RED		1		
114	WINDSOR	BLACK		1	LINE DRAWING	BLACK MARKS ON WHITE PAPER
114	WINDSOR	RED		1		
122	SALISBURY AND BULFORD	BLUE		1		

FILE REF:	FILE REF: SHEET PLACE	COLOUD	I AND HOD	OTT	FORMAT	NOTES
SHEET NO		COLOUR	LAND USE	QTY	FORMAT	NOTES
122	SALISBURY AND BULFORD		ROADS	1		
122	SALISBURY AND BULFORD	PURPLE		1		QUITE BADLY DAMAGED
122	SALISBURY AND BULFORD	YELLOW		1		
122	SALISBURY AND BULFORD	BROWN		1		
122	SALISBURY AND BULFORD	GREEN		1		BADLY DAMAGED
126 & 135	WEALD OF KENT AND HASTINGS	BLUE		1		
126 & 135	WEALD OF KENT AND HASTINGS	YELLOW		1		
126 & 135	WEALD OF KENT AND HASTINGS	GREEN		1		
126 & 135	WEALD OF KENT AND HASTINGS	GREEN		1	PROOF	
137	DARTMOOR, TAVISTOCK AND LAUNCESTON	YELLOW		1		
137	DARTMOOR, TAVISTOCK AND LAUNCESTON	PURPLE		1		
137	DARTMOOR, TAVISTOCK AND LAUNCESTON	RED		1		
137	DARTMOOR, TAVISTOCK AND LAUNCESTON	GREEN		1		
137	DARTMOOR, TAVISTOCK AND LAUNCESTON	BROWN		1		
144	PLYMOUTH	BLUE		1		
144	PLYMOUTH	BROWN		1		
144	PLYMOUTH	PURPLE		1		
144	PLYMOUTH	RED		1		
144	PLYMOUTH	GREEN		1		
144	PLYMOUTH	YELLOW		1		

Table C: Other Land Utilisation Survey Archives at the LSE LOCATION: Archives, LSE Lionel Robbins Building (Library)

FILE REFERENCE	FILE DESCRIPTION	CONTENTS	NOTES
LSE/central filing registry/13	(Land Utilisation Survey) 1930-1935		Could not locate in Archives
LSE/central filing registry/313/B	Land Utilisation Survey Correspondence 1933-1935. Box number: 0520		
LSE/central filing registry/313/C	Land Utilisation Survey Correspondence 1935-1937. Box number: 0520		
LSE/minutes/18/1/5	Pavillion Fund Committee. Unconfirmed duplicate minutes.	Land Utilisation Survey, leaflet, map and article (1931)	
LSE/beveridge/2/B/40/1	Correspondence A-N. 1940-1941	Correspondence with Beveridge or his secretary and Land Utilisation survey of Britain	

Table D: Land Utilisation Survey Archives at the University of Sussex LOCATION: Special Collections, University of Sussex Library

CATALOGUE TITLE: List of the Papers of Professor Sir Dudley Stamp 1898-1966. S x Ms 5, 1977

FILE REFERENCE	FILE DESCRIPTION	CONTENTS	FORMAT
Land Utilisation Survey of Britain. Organisation	Manuscript, typescript and printed papers, containing correspondence of the Organising secretary or Director with local agents about conduct of local surveys	19/1-19/5	Letters and notes relating to survey
Land Utilisation Survey of Britain. Organisation	Manuscript, typescript and printed papers, containing correspondence of the Organising secretary or Director with local agents about conduct of local surveys	20/1-20/5	Letters and notes relating to survey
Land Utilisation Survey of Britain. Organisation	Manuscript, typescript and printed papers, containing correspondence with local agents about conduct of local surveys	21/1-21/5	Letters and leaflet describing section of survey
Land Utilisation Survey of Britain. Organisation	Manuscript, typescript and printed papers, containing correspondence of the Organising secretary or Director with local agents about conduct of local surveys	22/1-22/3	Letters
Land Utilisation Survey of Britain. Report. Notes and Papers	Manuscript, typescript and printed papers. Contains miscellaneous notes and papers towards report. England	23/1-23-8	Notes, papers, drafts, maps, letters
Land Utilisation Survey of Britain. Report. Notes and Papers	Manuscript, typescript and printed papers. Contains miscellaneous notes and papers towards report. Scotland	24/1-24/8	Notes, papers, drafts, maps, letters
Land Utilisation Survey of Britain. Printing	Correspondence with printers	25/1-25-15	Letters and notes relating to survey
Land Utilisation Survey of Britain. Publication and distribution	Manuscript and typescript papers, containing correspondence relating to publication, sales and distribution of complimentary report copies. England	26/1-26/28	Letters

FILE REFERENCE	FILE DESCRIPTION	CONTENTS	FORMAT
Land Utilisation Survey of Britain. Publication and distribution	manuscript and typescript papers, containing correspondence relating to publication, sales and distribution of complimentary report copies. England	27/1-27/15	Letters
Land Utilisation Survey of Britain. Publication and distribution	Manuscript and typescript papers, containing correspondence relating to publication, sales and distribution of complimentary report copies. Scotland	28/1-28/28	Letters
Land Utilisation Survey of Britain. Publication and distribution	Manuscript and typescript papers, containing correspondence relating to publication, sales and distribution of complimentary report copies. Wales	29/1-29/12	Letters
Land Utilisation Survey of Britain. Maps	Printed papers, map proofs, diagrams. England	30/1-30/13	Proofs, papers
Land Utilisation Survey of Britain. Maps	Printed papers, map proofs, diagrams. Scotland	31/1-31/15	Proofs, papers
Land Utilisation Survey of Britain. Maps	Printed papers, map proofs, diagrams. Wales	30/14-30-16	Proofs, papers
Land Utilisation Survey of Britain. Maps	Miscellaneous printed papers, proofs	31-16	Proofs, papers
Land Utilisation Survey of Britain. Miscellaneous Papers	Printed papers. The Land Use survey of Britain pamphlet, revised proof of Fertility, productivity and classification of Land report	31/17	Papers

Table E: Land Utilisation Survey Publications at the LSE LOCATION: Archives, LSE Lionel Robbins Building (Library)

FILE REF	FILE DESC	CONTENTS	AUTHOR(S)	JOURNAL / BOOK DETAILS		PUBLICATION PLACE / DATE		QTY	FORMAT	NOTES
LSE/central filing cabinet 313/D	loose	Survey of Great Britain.	L.Dudley Stamp and E.C. Willatts	2nd edition, revised	The Land Utilisation Survey of Britain, LSE (University of London)	London, 1935	1-41		-	Many illustrations
LSE/central filing cabinet 313/D	loose	and classification of land in Britain, with	L.Dudley Stamp in collaboration with various experts		Geographical Publications Ltd.	London, 1940		2	Report	
LSE/central filing cabinet 313/A	loose	The Land Utilisation Survey of Britain	Dr L.Dudley Stamp	Geographical Journal, LXXVIII, no1, July 1931		July 1931	40-47		Reprint of journal article. Booklet	

Table F: Land Use UK Records at the Geographical Association LOCATION: The Geographical Association, Sheffield

CABINET: Filing cabinet 1: drawer 4

	8			IOUDNAL /		DIID	D A			
				JOURNAL /			PA		E0D11	
				BOOK		PLACE				
FILE REF	FILE DESC	CONTENTS	AUTHOR(S)	DETAILS	PUBLISHER	/ DATE		Y		NOTES
L-U UK. Press		Preliminary results form the						2 I	Printed,	Results copyright to the
cuttings,		1996 Land Use Survey						٤	green	Geographical Association
articles, prelim		organised by the Geographical						1 1-	card	1996 and must not be
results, leaflet		Association in partnership with							cover.	used without permission.
etc 1996-2000		the Ordnance Survey with the								Geographical Association
		advice and support if the								343 Fulwood Road,
		Institute of Terrestrial Ecology								Sheffield, S10 3BP.
		and assisted by The Scottish								Silvinora, Silvissi.
		Association of Geography								
		Teachers, The Association of								
		Geography Teachers in Wales,								
		The Belfast Education and								
		Libraries Board and the Field								
		Studies Council				• • • •				
L-U UK. Press		Views and Visions of Land Use	Margaret Robertson		Royal	2000	239		Publish	
cuttings,		in the United Kingdom	and Rex Walford		Geographical		-	1 1	ed	
articles, prelim				Journal, vol 166,	-		254	8	article	
results, leaflet				No 3, September						
etc 1996-2000				2000						
L-U UK. Press		Young People Speak about the	Margaret E.	Geography, Vol	Geography	2000	24-	2 I	Publish	
cuttings,		Landscape	Robertson	85 (1)			36		ed	
articles, prelim		1						2	article	
results, leaflet										
etc 1996-2000										
200 1000			I	l	1	ı	L	<u> </u>		

FILE REF	FILE DESC	CONTENTS	AUTHOR(S)	JOURNAL / BOOK DETAILS				Q T FORM Y AT	NOTES
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Aardrijkskunde promoten via veldwerk van leerlingen	Rex Walford	Geografie educatief. Uitgarve Van Het Knag, Jaargang 6, Eerste Kwartaal 1997.	Anulirdan	1997	4-5	1 Maga- zine article	Dutch
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Views and Visions	David Cooper and Rex Walford	Primary Geographer, No 38, July 1999	The Geographical Association		20- 21	1 Article	
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Countryside Survey 1990. Summary Report.	A.P. Scott (ed.)		Department of the Environment	1993		1 Report	
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Fieldwork in Action 3. Managing out-of-classroom activities	Tony Thomas and Stuart May		The Geographical Association	1994		1	

FILE REF	FILE DESC	CONTENTS	AUTHOR(S)	JOURNAL / BOOK DETAILS		PUB. PLACE / DATE			M NOTES
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Countryside Survey 1990. Main Report	C.J. Barr, R.G.H. Bunce, R.T. Clarke, R.M. Fuller, M.T. Furse, M.K. Gillespie, G.B. Groom, C.J. Hallam, M. Hornung, D.C. Howard, M.J. Ness		Department of the Environment	1993		1 Repor	For the field studies working group of The Geographical Association
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000		Countryside Survey 1990. Comparison of land cover definitions	B.K. Wyatt, J.N. Greatorex-Davis, M.O. Hill, T.W. Parr, R.G.H. Bunce, R.M. Fuller	-	Department of the Environment	1990		1 Repor	t
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000	Use UK 1996	Rounding up the squares	Maureen McTaggart		Times Education Supplement		VI- VII I	1 News per article	pa Half page article
,	Use UK 1996	Traffic: Britain's big issue	Lisa Sykes	The Geography Magazine, Jan 1997		1997	7	1 Articl	2

FILE REF	FILE DESC	CONTENTS		JOURNAL / BOOK DETAILS	PUBLISHER	PUB. PLACE / DATE				NOTES
cuttings, articles, prelim		Forum: fifty thousand pupils demonstrate 'real geography'		0 1 3,	The Geographical Association	October 1996				
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000	Use UK 1996	Land Use UK how we survived		Teaching Geography, vol 21, No4, Oct 1996	The Geographical Association	October 1996	197 - 198	1 Arti	icle	
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000	Use UK 1996	Primary Schools in the nation's biggest geography lesson		Primary Geographer, No 27, Oct 1996		October 1996	24- 25	1 Arti	icle	
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000	Use UK 1996	Land Use UK and Geography Action Week		21, No1, Jan 1996	The Geographical Association	January 1996				
L-U UK. Press cuttings, articles, prelim results, leaflet etc 1996-2000	Use UK 1996	The Land of Britain, 1930-1990: a comparative study of field mapping and remote sensing techniques	R.M. Fuller, J. Sheail and C.J. Barr		Royal Geographical Society	July 1994	173 - 184	1 Arti	icle	

FILE REF	FILE DESC	CONTENTS		JOURNAL / BOOK DETAILS	PUB. I PLACE (/ DATE (FORM	NOTES
L-U UK. Press	large	News in Brief, paragraph about	Rex Walford	Junior	August	1	Paragra	
cuttings,	grey/white	the Land Use Survey		Education,	1991		ph	
articles, prelim	ring binder			August 1991				
results, leaflet								
etc 1996-2000								

Filing cabinet 2: drawer 1.

	FILE			JOURNAL / BOOK		PUB. PLACE	PA GE	~	FORM	
		CONTENTS			PUBLISHER	/ DATE		YA		NOTES
1996-2000 LU-UK	Loose	Land Use UK: A survey for the	Rex Walford (ed.)	Impression 10,	The	1997		1 A	Article	
Archive material inc.		21st century		printed 2000	Geographical					
key map proofs of					Association					
book (see also draw 4										
of filing cabinet 1)										
1996-2000 LU-UK	Loose	Qualitative Solutions and						1		Database manual
Archive material inc.		Research Pty ltd presents - QSR								
key map proofs of		Nud*ist 4 workshop handbook								
book (see also draw 4		1992.								
of filing cabinet 1)										
1996-2000 LU-UK	Loose	Countryside Survey 1990.			Department of	1993		1 R	Report	
Archive material inc.		Summary Report			the Environment				_	
key map proofs of										
book (see also draw 4										
of filing cabinet 1)										

Appendix 3: Land Utilisation Survey Associated Publications

SU RV EY	AUTHOR(S)	EDITOR	TITLE	JOURNAL / BOOK DETAILS	PUBLISHER	SERIES / EDITION		PAG ES	FORMAT	NOTES
1st			The land of Britain: The report of the Land Utilisation Survey of Britain		Geographical Publications ltd		London, 1936-1946			Also published parts individually
1st			The land of Britain: the report of the Land Utilisation Survey of Britain. Vol.1, parts 1-13: (Scotland Highlands and West)		Geographical Publications ltd		London, 1937			
1st			The Land of Britain: the report of the Land Utilisation Survey of Britain. Vol.2, parts 14-30: (Scotland)		Geographical Publications ltd		London, 1941			
1st	(The land of Britain: the report of the Land Utilisation Survey of Britain. Vol.3, parts 31-44: (Wales)		Geographical Publications ltd		London, 1938			
1st		• '	The Land of Britain: the report of the Land Utilisation Survey of Britain. Vol.4, Northern England		Geographical Publications ltd		London, 1941-1945			
1st			The Land of Britain: the report of the Land Utilisation Survey of Britain. Vol.6, Midlands (West)		Geographical Publications ltd		London, 1945			
1st		• '	The Land of Britain: the report of the Land Utilisation Survey of Britain. Vol.7, Eastern England		Geographical Publications ltd		London, 1937-1942			

SU RV EY	AUTHOR(S)	EDITOR	TITLE	JOURNAL / BOOK DETAILS	PUBLISHER	SERIES / EDITION		PAG ES	FORMAT	NOTES
1st		Stamp, L.D.	The land of Britain: the report of the land utilisation survey of Great Britain. Vol.8: Parts 78- 81,83-85(Berkshire, etc)		Geographical Publications ltd		London, 1936			
1st		Stamp, L.D.	The Land of Britain: the report of the Land Utilisation Survey of Britain. Vol.9, South-Western England		Geographical Publications ltd		London, 1937-1941			
1st			Longmans dictionary of geography		Longmans		London, 1966			
1st	Anon		Land Utilisation Map of the County of Northampton	Geography 15			1929/1930	234- 235		
1st	Baker, W.S.		Some notes on a regional survey (carried on by the Scholars of Ratby Council School, Leicestershire)	Geography 13			1925/1926	451- 453		
1st	British Association for the Advancement of Science	Stamp, L.D.	A glossary of geographical terms / prepared by a committee of the British Association for the Advancement of Science		Longmans	2nd ed.	London, 1966			
	Field, E.E.		The Land Utilisation Map of Northampton	Geography 15			1929/1930	408- 412		
	Moon, H.P., Willatts, E.C., and Stamp, L.D.		The land of Britain: The report of the Land Utilisation Survey of Britain - Parts 89-90: Hampshire and Isle of Wight		Geographical Publications for the Survey		London, 1940			
1st	Hoskins, W. G., and Stamp, L.D.		The common lands of England & Wales			The new naturalist series; 45	London, 1963			

SU RV				JOURNAL /		SERIES /	PUB. PLACE /	PAG		
	AUTHOR(S)	EDITOR	TITLE		PUBLISHER		DATE		FORMAT	NOTES
	Institute of British Geographers		Land use and resources: studies in applied geography. A memorial to Sir Dudley Stamp			Institute of British Geographers; No.1	London, 1968			Includes article by M.J. Wise 'Sir Dudley Stamp: his life and Times', pp261-269
	Land Utilisation Survey of Britain		Map of predominant farming types in Scotland: explanatory bulletin		Geographical Publications ltd		London, 194-			
	Land Utilisation Survey of Britain		Map of predominant farming types in Scotland		Geographical Publications ltd		London, 195-		Map	
1st	Land Utilisation Survey of Britain		Land Utilisation. [With National Grid.] Scale 1:625,000.		Ordnance Survey		Southampto n, 1942		Map	
1st	Land Utilisation Survey of Britain		Monthly bulletin		Land Utilisation Survey of Britain		London, monthly			
	Land Utilisation Survey of Britain		Prospectus				London, [1939]			
	Mosby, J.E.G., and Stamp, L.D.		The agricultural geography of Norfolk: with special reference to changes in land utilisation and human occupancy	Thesis (PhD)			University of London, 1938			Thesis published as Norfolk county report in 1938. Includes folded maps and booklet bound into thesis.
1st	Ordnance Survey and Stamp, L.D.		Land classification: Great Britain			Ordnance Survey "ten- mile" series	Southampto n, 1944- 1945			Accompanied by explanatory texts: fertility, productivity and classification of land. 1941 and 1950

SU RV				JOURNAL /		SERIES /	PUB. PLACE /	PAG		
	AUTHOR(S)	EDITOR	TITLE		PUBLISHER PUBLISHER				FORMAT	NOTES
	Ordnance Survey, Department of Agriculture and		Types of farming: Great Britain		The Survey	Ordnance Survey "ten- mile" series	Southampto n, 1944	25	Maps	Accompanied by explanatory bulletins 1941-1945
	Fisheries for Scotland, Ministry of Agriculture and Fisheries and Land Utilisation Survey of Britain									
	Stamp, L.D.		Regional Survey Exhibition	Geography 14			1927-1928	346- 348		
1st	Stamp, L.D.		The Land Utilisation Survey of Britain	Geographical Journal 78		a	1931	40-53		
1st	Stamp, L.D.		The Land Utilisation Survey of Britain	Scottish Geographical Magazine 47 (3)			1931	144- 150		
1st	Stamp, L.D.		The Land Utilisation Survey of Britain	Nature, London 129			1932	709- 711		
1st	Stamp, L.D.		One hundred years of change in land utilization in the British Isles – the work of the Land Utilisation Survey of Britain	Annals of the Association of American Geographers 24			1934	68-70		Summary of paper
1st	Stamp, L.D.		Land Utilisation Survey as a School and College Exercise	Journal of Geography 33 (4)			1934	121- 130		
1st	Stamp, L.D.		The Land Utilisation Survey of Britain	Geographical Review 24 (4)		b	1934	646- 650		
1st	Stamp, L.D.		The land classification scheme of the Land Utilisation Survey of Britain	Transactions of the 3 rd International Congress of Soil Science, Oxford 1935 3			1935	138- 140		

SU				TOURNAL /		CEDIEC /	PUB.	D. C.		
RV EV	AUTHOR(S)	EDITOR	TITLE	JOURNAL / BOOK DETAILS	PUBLISHER	SERIES / EDITION	PLACE / DATE	PAG ES	FORMAT	NOTES
	Stamp, L.D.	EDITOR	The Land Utilisation Survey of Britain	The London Naturalist	CDEISHER	EDITION	1936	LS	ORM	IVOTES
1st	Stamp, L.D.		The Land Utilisation Survey of Britain	Journal of the Auctioneers and Estate Agents Institute 17			1937	186- 218		
1st	Stamp, L.D.		A tentative land fertility map of England and Wales				1939	456- 459		
1st	Stamp, L.D.		Fertility, productivity and classification of land in Britain	Geographical Journal 96		a	1940	389- 412		
1st	Stamp, L.D.		Great Britain. Vegetation 1958 a 1: 63,360		Geographical Publications Itd		London, 1937-1946			Index map to one inch sheets
1st	Stamp, L.D.		Ten Years On	Transactions of the Institute of British Geographers 40			1966			
1st	Stamp, L.D.		Geographical Agenda: A review of some tasks awaiting Geographical Attention	Transactions of the Institute of British Geographers 23		Presidential address	1957			
1st	Stamp, L.D.		The Common lands and village greens of England and Wales	Geographical Journal. Vol. 130 (4)	Royal Geographical Society		December 1964	457- 469		
1st	Stamp, L.D.		The land of Britain: its use and misuse		Longmans	3rd ed.	London, 1962			Additional chapter
1st	Stamp, L.D.		The land of Britain: its use and misuse		Longmans	2nd ed. (revised)	London, 1950			
1st	Stamp, L.D.		The land of Britain: its use and misuse		Longmans, Green in conjunction with Geographical Publications	1st ed.	London, 1948			

SU				TOWN A T		CEDIEC /	PUB.	D. C.		
RV EY	AUTHOR(S)	EDITOR	TITLE	JOURNAL / BOOK DETAILS	PUBLISHER	SERIES / EDITION	PLACE / DATE	PAG ES	FORMAT	NOTES
	Stamp, L.D.		Man and the land			2nd ed.	London, 1964			
1st	Stamp, L.D.		Fertility, productivity and classification of land in Britain: an explanatory bulletin to the land fertility map of Britain on the scale of ten miles to one inch (South sheet)		Land Utilisation Survey of Britain		London, 1941			
1st	Stamp, L.D.		The Land Utilisation Survey of Britain			Land Utilisation Survey	London, 1939			Contains history and objectives of the survey, the future of the survey, list of patrons
	Stamp, L.D.	Towndrow, F.E.	Statement I (Fertility Classification)	Replanning Britain (summary report of the Oxford Conference of the Town and Country Planning Association Spring 1941	Faber and Faber	В	London, 1941	63-67 & 76 & 164		
1st	Stamp, L.D., and Willatts, E.C.		Changes in the Utilisation of Land in the South-Western part of the London Basin, 1840-1932	British Association for the Advancement of Science, Report of the Annual Meeting, Leicester 1933			1933	500- 501		

SU RV				JOURNAL /		SERIES /	PUB. PLACE /	PAG		
	AUTHOR(S)	EDITOR	TITLE		PUBLISHER				FORMAT	NOTES
	Stamp, L.D., and Willatts, E.C.	EDITOR	The use of Land Utilisation Survey methods in the study of local geography	Local Studies: schemes of work prepared under the auspices of the Geographical Association's	Geographical Association	EDITION	Manchester, 1939			NOTES
				Standing Committee for Geography in Secondary Schools 47-52						
1st	Stamp, L.D., and Willatts, E.C.		The land utilisation survey of Britain: an outline description of the first twelve one-inch maps.		Land Utilisation Survey of Britain	2nd edition (revised)	London, 1935			
1st	Thomas, W.K.		Changes in the land use pattern of the eastern part of South Wales	Msc (Econ) thesis	University of London		London, 1959			
1st	Wise , M.J.	Freeman, T.W.	Laurence Dudley Stamp 1898 – 1966	0 1	Mansell Publishing Ltd		London, 1988	175- 187		
1st	Worth, J.		Christie Willatts: Mapmaker whose land surveys of Britain aided social policy	Guardian			London, 17 March 2000	26	Obituary	
2nd	Best, R.H.		Recent changes and future prospects in land use in England and Wales	Journal. Vol. 131	Royal Geographical Society		March 1965	1-12		
	Coleman, A.M.		The second land-use survey: progress and prospect	Geographical Journal 127 (2)			June 1961	168- 186		
2nd	Coleman, A.M.		Land use planning; success or failure?	Architects' Journal, 19			January, 1977			

SU RV EY	AUTHOR(S)	EDITOR	TITLE	JOURNAL / BOOK DETAILS	PUBLISHER			PAG ES	FORMAT	NOTES
2nd	Coleman, A.M.		Patterns on the map: land utilisation survey maps as resources for teaching and learning. 2: Plymouth and Merthyr Tydfil		Geographical Association		Sheffield, c1982			
2nd	Coleman, A.M.		Scapes and Fringes: environmental territories of England and Wales		Second Land Utilisation Survey of Britain		London, 2002			
2nd	Coleman, A.M.		Is planning really necessary?	Geographical Journal. Vol. 142 (3)	Royal Geographical Society		November 1976	411- 437		
2nd	Coleman, A.M.		Some cartographic aspects of the second series land use maps	Geographical Journal. Vol. 130 (1)	Royal Geographical Society		March 1964	167- 170		
2nd	Coleman, A.M., [illustrated by] Maggs, K.R.A.		Land use survey handbook		Second Land Utilisation Survey of Britain	4th (Scottish) ed.	London, 1964			
2nd	Coleman, A.M., and Catling, S.		Patterns on the map: land utilisation survey maps as resources for teaching and learning. 1: Introductory handbook		Geographical Association		Sheffield, c1982			
2nd	Coleman, A.M., and Lukehurst, C.T.		East Kent: a description of the Ordnance Survey seventh edition one-inch sheet 173		Geographical Association	British landscapes through maps; 10	Sheffield, 1967			
	Coleman, A.M., and Shaw, J.E.		Field mapping manual		Second Land Utilisation Survey of Britain	Land utilisation survey	London, 1980			

SU							PUB.			
RV				JOURNAL /		SERIES /		PAG		
EY	AUTHOR(S)	EDITOR	TITLE	BOOK DETAILS	PUBLISHER	EDITION	DATE	ES	FORMAT	NOTES
2nd	Coleman, A.M.,		Patterns on the map: land		Geographical		Sheffield			
	Bale, J., and		utilisation survey maps as		Association					
	Hewitt, M.		resources for teaching and							
			learning. 3: Leeds and Rosedale							
2nd	Coleman, A.M.,		Patterns on the map: land		Geographical		Sheffield,			
	Feaver, I., Pask,		utilisation survey maps as		Association		c1982			
	R.		resources for teaching and							
			learning. 4: Sevenoaks and							
			Gravesend							
2nd	Coppock, J.T., and		Land Use and Conservation	Geographical	Royal		June 1970	190-		
	Coleman, A.M.			Journal. Vol. 136	Geographical			210		
				(2)	Society					
2nd	Isle of Thanet		Second land utilisation survey of		Isle of Thanet		London,		Maps	
	Geographical		Britain		Geographical		1961-			
	Association and				Association					
	Ordnance Survey									
2nd	Lunn, A.G., and		The vegetation of		Department of		Newcastle		Maps	
	Knipe, J.E.		Northumberland, moorland		Geography,		upon Tyne,		based on	
			communities, together with		University of		c.1976		2nd LUS	
			selected coastal, aquatic, and		Newcastle				and own	
			scrub communities		upon Tyne				field	
									surveys	
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	and Coleman,		1:25,000		Survey		, 1964			
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			summary report		the		1993			
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3rd		Walford, R.	Land use - UK: a survey for the		Geographical		Sheffield,			
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	Barr, C.J.,	EDITOR	Countryside Survey 1990: Main	BOOK DETAILS	Department of		London,	ES	FURMAI	NOTES
31 u	Bunce, R.G.H.,		, ,			1990 Series,	1990			
			Report			volume 2	1990			
	Clarke, R.T., Fuller, R.M.,				Environment	voiume 2				
	Furse, M.T.,									
	Gillespie, M.K.,									
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	Hallam, C.J.,									
	Hornung, M.,									
	Howard, D.C.									
	and Ness, M.J.									
	Best, R.		Land Use and Living Space		Methuen		London,			
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3rd	Champion, A.G.,		Contemporary Britain		Edward		London,			
	and Townsend,				Arnold		1990			
	A.R.									
3rd	Cooper, D., and		Views and visions?	Primary			July 1999	20-21		
	Walford, R.			Geographer, 38						
3rd	Department of the		Comparison of Land Cover	A Report by the	Department of		London			
	Environment		Definitions	Institute of	the					
					Environment					
3rd	Fuller, R.M., and		The Land cover map of Great	Mapping Awareness			1993	18-20		
	Groom, G.B.		Britain							
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			Thematic Mapper data							
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TOTES

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	Geographical	EDITOR	Land utilisation survey of	DOOR DETINES	Ordnance	One inch	Belfast,	Lo	Maps	110125
	Association (N.I.)		Northern Ireland		Survey of	popular	1947-1951		F	
	and Ordnance					edition				
	Survey of				Ireland					
	Northern Ireland									
	Land Utilisation	Hill, D.A.	The land of Ulster: the report of		H.M.S.O.		Belfast,			
	Survey of		the Land Utilisation Survey of				1947			
	Northern Ireland		Northern Ireland							
	Land Utilisation	Hill, D.A.	The land of Ulster: the report of		H.M.S.O.		Belfast			
	Survey of		the Land Utilisation Survey of							
vey	Northern Ireland		Northern Ireland. Part 1: The							
			Belfast region				1			
	Symons, L., and		1: 375,000 Land Classification		University of		London,		Map	
	Cruikshank, J.G.		Map of Northern Ireland		London Press		1963			
vey	D.1.1: W.C.V.		TT 1 ' C1 1'	4 37 1 11 2	T .:		1070	260		A C.1
Gen	Balchin, W.G.V.		The use and misuse of land in	,	Institute of British		1979	269- 272		A report of the debates on the Second
•			Britain					212		Land Utilization
					Geographers					Survey and the Strutt
										Report on Agriculture
										and the Countryside
										in the House of Lords
										on 21 March 1979
Gen	Brown, N.J.		Attempts to scan old land use		CEH Internal		December	5		
			maps. Internal report on a		Report		2000	pages		
			project to investigate the							
			possibility of producing a digital							
			version of the Dudley stamp							
			Land Use Maps of the 1930's							

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Gen	Burnham, C.P., and McRae, S.G.		Land Judging	Area. Vol. 6, no. 2	Institute of British Geographers		1974	107- 111		Summary: A land judging form for the objective application of the Land Use capability Classification is presented.
Gen	Hall, J.M.		Editorial comment:Back to the land (and its people)	Area. Vol. 9, no. 1	Institute of British Geographers		1977	1-2		
Gen	Hellyer, R.		The "Ten Mile" maps of the Ordnance Surveys		Charles Close Society		London, 1992			(ISBN 1 870598 12 1)
Gen	Hodson, Y.		Popular Maps. The Ordnance Survey Popular Edition One Inch Map of England and Wales 1919-1926		Charles Close Society		London, 1999			(ISBN 1 870598 15 6)
Gen	Insch, E.V		Review of <i>Geography in British Schools</i> , by Rex Walford	Area. Vol. 34, no. 4	Institute of British Geographers		December 2002		Book review	
Gen	Oliver, R.		Published land use mapping of Britain and Ireland: some notes	Sheetlines, no 33			April 1992	29-42		
Gen	Sheail, J.		Geography and land use research: a UK historical perspective	Applied Geography 14			1994	372- 385		
•	Stamp, L.D.		Geographers Abroad	Professional Geographer, N.S. Vol. II, No. 3			March 1950			
Gen	Stamp, L.D.		The Presidential Address 1964	Geographical Journal. Vol. 130 (3)	Royal Geographical Society		September 1964	325- 328		

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Gen	Stamp, L.D.		Review of <i>The Future of London</i> by Peter Hall	Geographical Journal. Vol. 130 (1)	Royal Geographical Society	March 1964	124- 125		
Gen	Walford, R.		Careers for Geographers: what prospects for the 1990s?	Geographical Journal. Vol. 157 (2)	Royal Geographical Society	July 1991	199- 206		
Gen	Walford, R.		Geography in the National Curriculum of England and Wales: Rise and Fall?	Geographical Journal. Vol. 161 (2)	Royal Geographical Society	July 1995	192- 198		
Gen	Walford, R.		Geography in British Schools		Woburn Press,	2001			There is a description and discussion of the participation of schools in the three surveys on pp 108-112.
Gen	Willatts, E.C.		Planning and Geography in the Last Three Decades	Geographical Journal. Vol. 137 (3)	The Royal Geographical Society	September 1971	311- 338		

This report does not include detailed information on the location of the published reports and maps of the land utilisation surveys because there are good sets in the copyright libraries and many university libraries.

Appendix 4: Locations of Land Utilisation Surveys Records

SU RV EY	ADDRESS	DESCRIPTION		PRESERVATION / CONSERVATION CONCERNS	STORAGE	SIZE		WHEN & WHO INSPEC TED
_	Chris Board's House.	Christie Willatts archive. Information of how the survey was carried out, and a technical map.				2-3 boxes. Will fit within 1 filing cabinet drawer	Chris Board controls access - contact him	
1st	Collections, The Library, University of Sussex, Brighton, BN1 9QL. Tel: 01273 678157	(unpublished). His books and maps were also	carbon paper, or	No, held in proper archive conditions	where applicable	sized	By appointment. Tuesday - Thursday 9.15am-5pm, telephone to arrange time/day of visit 1 week in advance. ID needed.	

SU RV EY	ADDRESS	DESCRIPTION	PRESERVATION / CONSERVATION CONCERNS	STORAGE	SIZE	ACCESS RULES	WHEN & WHO INSPEC TED
1st	Department of Geography, Roxby Building, University of Liverpool, LIVERPOOL L69 7ZT. Tel: 0151 794 2844	Lancashire 6"-1mile field survey sheets		In map collection in the Geography department		Contact Tinho da Cruz, the map curator. Telephone: 0151-794- 2844 or e-mail: dacruz@liv.ac.uk	A. Da Cruz
1st	Brynmor Jones Library, The University of Hull, Cottingham Road, HULL HU6 7RX. Tel: 01482 465551						B. Barron
1st	School of Economics & Political Science, 10 Portugal Street, London, WC2A	•	No, held in proper archive conditions	In boxes in the archives		Thursday 10am-8pm, Friday 10am-5pm,	20/5/05 H. Southall / P. Aucott

SU RV EY	ADDRESS	DESCRIPTION		PRESERVATION / CONSERVATION CONCERNS	STORAGE	SIZE	ACCESS RULES	WHEN & WHO INSPEC TED
	School of Economics & Political Science, 10 Portugal Street, London, WC2A 2HD. Tel: 020 7955 7229	sheets, except Hampshire, Hertfordshire, Huntingdonshire, Lancashire, Leicestershire and part of Lincolnshire which were all damaged in the fire. Plus Photostats for all counties (some compressed, some positives). Indexes for all counties and copies of the unpublished Scottish sheets	although some charred sheets from 1960's. Photostats could prove difficult to convert into positives or reverse. However, paper deteriorating as high acid paper from the 1930's. Unpublished Scottish sheets show wear.	basement used as a builders workshop, which makes it a dusty environment, but it is cool. Norman Cadge is the only one with keys to	13 large map cabinets - 6 drawers each. In a locked basement.	Large. It takes up a lot of floor space.	Is available on request, not publicised. However, kept in a locked basement where building works are going on. Only Norman Cadge has keys for basement and map cabinets, the material does need a proper location to facilitate access. Catalogued in 1950's when material received. Norman Cadge has personal list of what survived after the 1960's fire. ID needed.	20/5/05 N. Cadge / H. Southall / P. Aucott
1st	Royal Geographical Society, 1 Kensington Gore, London, SW7 2AR. Tel: 020 7591 3000	Original unpublished Scotland Maps and 4"- 1mile maps (actually reduced photographs of 1"-1mile maps)						
2nd	house.	All field survey sheets, material relating to the survey					Professor Coleman controls access - contact her	

SU RV EY	ADDRESS	DESCRIPTION		PRESERVATION / CONSERVATION CONCERNS	STORAGE	SIZE	ACCESS RULES	WHEN & WHO INSPEC TED
2nd	Aberystwyth, Ceredigion SY23 3BU, Wales. Tel:	Manuscript field survey sheets, 1961-66, at scales of 1:25,000 & 1:10,560 (county series & Nat. Grid). Mainly Wales and a few sheets for the Marches. There is also some tracings, index maps etc.						H. Thomas
3rd	Association, 160 Solly Street, Sheffield, S1 4BF.	ι	good condition and is usually undisturbed	Some concerns about long term future preservation of the material as no archivist employed here. Geographical Association happy to keep material for now.	U	4 full drawers on each of two standard sized filing cabinets	Contact the Geographical Association to arrange a visit. Probably very few people know it exists.	P. Aucott

Appendix 5: Possible locations where nothing was found

ADDRESS	REASONING	CONTACT	NOTES
The Centre for Buckinghamshire Studies. County Hall, Walton Street, AYLESBURY, Bucks, HP20 1UU. Tel: Archives: (01296) 382587 or Local Studies: (01296) 382250	Suggested by someone local that Willatts papers were all deposited there	section	The only information found under a search for Willatts were papers of personal interest relating to the parish and village of Horton where he lived, in particular information regarding the chapel restoration. On Willatts death these were given to the vicar, who then deposited them in the archives.
Centre for Ecology and Hydrology, Monks Wood, Abbots Ripton, Huntingdon, Cambridgeshire, PE28 2LS. Tel: 01487 772434	Institute for Terrestrial Ecology was involved with the production and analysis of Land-use UK	Ruth Swetnam	Only hold complete set of published maps. Ruth has photocopies of around 23 field survey sheets from LSE for her research.
Brian Stamp's house.	Stamp's son	Will Pilfold, who met B. Stamp and received a copy of L.D. Stamp's autobiography	Only original autobiography and family photographs
Audrey Clark's house.	Surviving staff member of Stamp's Land Use Survey and copyright holder.	Giles Clark	Nothing unpublished
East Sussex Record Office. The Maltings, Castle Precincts, Lewes, BN7 1YT. Tel:01273 482349	Identified by Norman Cadge as a county where the original survey sheets were missing from the LSE collection		Nothing relevant held in the archives of the County Council records, which would include the Education Authority. All the War Agriculture materials have been destroyed.
Geography, Planning and Landscape Library, University of Sheffield, Western Bank, Sheffield S10 2TN. Tel: 0114 222 7335	Norman Cadge suggested they held material which M.J. Wise had unsuccessfully tried to extract and return to the LSE some time ago		The map library was searched and colleagues who might have known were asked and the main Library's special collections. She can only find a collection of the published maps known as 'The Dudley Stamp Collection'