

The Faunal Richness of Headwater Streams

Progress Report for the Period
July 1992 - December 1992

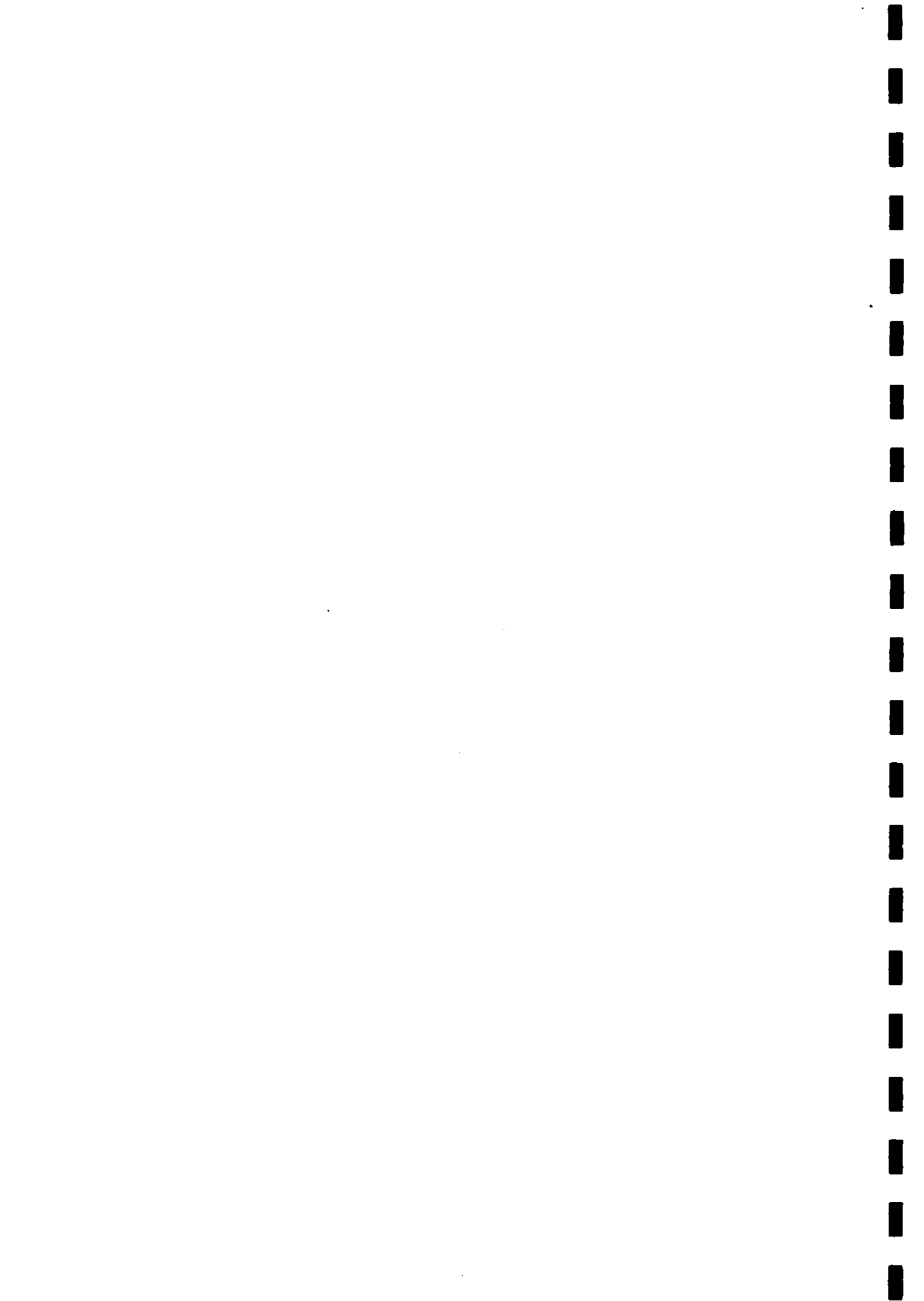
FIRST DRAFT. CONFIDENTIAL.

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Progress Report 242/7/Y



1. TECHNICAL PROGRESS

1.1 Objectives

The complete work programme for this study comprises four stages and is scheduled for the total period 1st October 1990 to 31st January 1995. Stage 1 is complete and has been fully documented in previous reports. This report summarises the progress made so far in meeting the objectives of Stage 2.

The overall and specific objectives of each stage are detailed in the Project Investment Appraisal (PIA) which is Schedule 2 of the Memorandum of Agreement for Research Contract (ref:54015000) between the National Rivers Authority (NRA) and the Institute of Freshwater Ecology (IFE).

1.2 Work Programme

Stage 2 has involved a field-based study of the contribution of individual streams to the total faunal richness of a set of selected catchments. The streams sampled have been chosen, as far as possible, to be of good environmental quality. The work programme is as follows:

1.2.1 Macro-invertebrate Data

- . Finalise the choice of sampling sites in consultation with the project leader.
- . Undertake field sampling and laboratory processing of samples collected from headwater sites in each of three seasons (spring, summer and autumn) of a single year.
- . Identify all taxa to the best achievable level (normally species).
- . Identify taxa from other appropriate headwater samples, such as those collected during the 1990 NRA River Quality Survey and the DoE-sponsored Countryside Surveys of 1988 and 1990.

1.2.2 Environmental Data

- . Derive environmental data required for RIVPACS by field measurement or from cartographic sources. The latter should also be used to derive other topographical, geological, soil type and geographical information relevant to the project.
- . In addition other habitat features or management practices which might explain the presence or absence of species should be noted.

1.2.3 Land Use

- . Carry out ground surveys of land-use in the 1km squares containing the sample sites.
- . Utilize available satellite imagery of the whole study catchment to place the study sites in context.
- . Undertake an assessment of current and historical farming/land-use practices from a variety of sources such as maps, parish records, planning records, aerial photography, MAFF Annual Agricultural Censuses and Farm Business Surveys.

1.2.4 Reporting

- . Produce progress reports as required.
- . Produce a draft main report by 1st February 1993 and a final main report, as an NRA Note, by 31st March 1993.

The following text is sectioned in accordance with Schedule 1 of the research contract and outlines the progress made in meeting the scientific objectives within the prescribed project budget.

1.3 Progress Achieved

1.3.1 Headwater Sites - Biological.

Sampling for aquatic macro-invertebrates has been successfully completed.

1.3.2 Headwater Sites - Environmental

Standard, field-measured physical data were collected from each site at the time of biological sampling, including spring 1992 data for Cam replacement sites.

Stream order, hydrometric area, distance from source and annual mean discharge category of each site have been acquired from maps.

Soil types in each of the site catchments have been freely supplied by Soil Survey and Land Research Centre. Data are on a presence absence basis.

The correct grid reference for the Great Wacton site is SO 623 572 and not as listed in previous progress reports.

1.3.3 Headwater Sites - Land-use

Land-use ground-truth surveys of all headwater sub-catchments, except two replacement sites on the River Cam were undertaken in summer 1991.

For each of the upper catchment sites interpreted satellite imagery data on catchment land cover in 1990 has been acquired from for the Institute of Terrestrial Ecology (ITE) at Monks' Wood.

The data set provides information on the area of cover of 25 distinct land cover categories. These categories may be aggregated into broader cover types or, in some cases, disaggregated into more precise types. Disaggregation would be at cost from ITE but aggregation can be achieved by IFE from the data supplied.

Information on the Cam, Derwent and Stour are summarised at the 1km square level as relative areas occupied by each of the 25 cover types. As a test set, acquired to assess the information gain, data from the Lugg is held at individual pixel level. In this case the position of each cover type, relative to the watercourse, can therefore be accessed.

1.3.4 Lower Catchment Sites - Biological

The lower catchment samples processed in this phase of the study are listed in Appendix 1.

During autumn 1992 IFE collected samples from the Stour at Walford Mill and Syles Farm to supplement spring and summer samples supplied by Wessex NRA from 1991.

1.3.5 Lower Catchment Sites - Environmental

All target information has been acquired.

1.3.6 Lower Catchment Sites - Land-use

No further progress has been made in this area beyond that detailed in the previous progress report.

Interpreted satellite imagery data for all lower catchment sites have also been obtained from ITE.

As in the case of upper catchment sites, the Lugg data are held at individual pixel level whereas data for the three other river systems are 1km square summary data.

1.3.8 Land use - general

ITE have also supplied 1km square summary data for the whole of each of the four study catchments.

An appreciation of current and historical data available on land cover and land-use change in the Stour catchment has been obtained from local archived sources (Appendix 2). These included the Dorset County Records Office and County Library, Dorchester Museum and English Nature.

1.3.8 General and administrative

The Project Leader and Manager have liaised, as necessary, throughout the reporting period.

As a result of discussions held during a project progress meeting of 16th June 1992 a request for additional NRA funding has been jointly drawn up by the Project Leader and Manager. The funding would be used to meet the additional land-use field survey load resultant from increasing the coverage of study sites through decreasing the seasonal frequency of biological sampling.

A joint research proposal from IFE and SSLRC has been submitted to NRA for consideration. The proposed study, entitled "Soil characteristics, agricultural risk assessment and biological response in headwater catchments", is based on the four study catchments of the current headwaters research programme and is designed to integrate with and complement the current work.

The objectives of the proposed study are to

- determine soil characteristics of selected river catchments

- map agricultural risk assessment for those catchments

- relate soils types and measured discharges of water and sediment to changes in biological stream quality

- develop risk response models of potential for biological change

It is proposed that the most detailed field programme is undertaken in the Stour catchment, with more generalised studies in the other three river systems.

These submissions, together with the general strategy to be adopted for stage 3 of the project, were the subject of discussions at a progress meeting between the Project Leader and Manager was held at Reading on 10th December 1992. The meeting was also attended by other interested parties within NRA.

2. INTERIM RESULTS

2.1 Biological

2.1.1 Headwaters

All samples collected from headwaters by IFE have been fully identified to the best achievable level (normally species). This includes all Sphaeriidae, Oligochaeta and Chironomidae.

Data have been computer-logged and verified for accuracy.

2.1.2 Lower Catchment Sites

Sorting and identification of samples is completed. Identification is to the same level as upper catchment sites except for Oligochaeta and Chironomidae which have not been identified further.

Data have been computer-logged and await verification.

2.1.3 Countryside Survey Sites

All of the 160 samples collected in 1988 and the 361 collected in 1990 have been fully identified to species.

All data have been computer-logged and verified.

2.2 Environmental

2.2.1 Headwaters

All seasonal sample registers have been compiled, transferred to computer and verified.

Further chemical sampling has been attempted at all sites for which fewer than two samples had been previously collected. The determinands sampled for were total alkalinity ($\text{mg l}^{-1} \text{CaCO}_3$) and nitrate ($\text{mg l}^{-1} \text{NO}_3$).

The only outstanding results are for the autumn at the Lower Lye site on the River Lugg system. Arrangements are in hand for the Welsh NRA to supply these data.

2.2.2 Lower Catchment Sites

Compilation of sample registers is complete.

Environmental data files have been compiled on computer and are being validated.

2.2.3 Countryside Survey Sites

Full sample registers have been compiled, as presented in the previous report.

Collation of environmental data-sets is complete. No chemical data are available for these sites.

2.3 Land use

2.3.1 Headwaters

The land-use survey dates were given in the previous progress report.

Land-use survey data has been digitised using the software package "CLIMATE" devised by Michael Jones of Dart Computing, Devon.

Digitisation includes the catchment boundary and the individual boundaries of all "parcels" of land within that boundary, as recognised by field surveyors.

All parcels have been allocated to a major land cover/use type. The area of each parcel has been calculated and the individual parcel areas and total catchment areas of each land cover/use determined.

River corridor survey data have computer-logged and await verification and mathematical summarisation to convert individual corridor-section data to a total sub-catchment quantification.

No analysis of the land cover data supplied by ITE has yet been attempted.

2.3.2 Lower Catchment Sites

No analysis of the land cover data supplied by ITE has yet been attempted.

2.3.3 Countryside Survey Sites

No data collation or analysis has yet been carried out for these sites. The relevant data have been requested of ITE and supply is expected soon.

2.3.4 General and Administrative

Details of the documentary information identified as being of relevance to land cover and land use change in the Stour catchment are provided in appendix 2.

Results have yet to be supplied to those landowners who requested feedback of data collected on their property.

3. WORK PROGRAMME FOR THE NEXT REPORTING PERIOD

The period considered here is from 1st January 1993 until 31st March 1993.

3.1 Biological and Environmental Sampling of Headwater Sites

- . Biological files will be verified for accuracy.
- . All environmental files will be compiled and validated.
- . Stage 3 site selection will be made in consultation with NRA staff.
- . Stage 2 data will be analysed to meet the terms of the contract.
- . Lists of landowners' requests for data feedback will be completed and the results supplied to them.

3.2 Lower Catchment Sites

- . Biological files will be verified for accuracy.
- . All environmental files will be compiled and validated.
- . Stage 2 data will be analysed to meet the terms of the contract.

3.3 Countryside Survey Sites

- . Environmental data files will be verified.
- . Data will be analysed to meet the terms of the contract.

3.4 Land-use

- . Analyses of the river corridor data will begin.
- . Investigation of sources of archived/published land-use data for the study catchments will be undertaken for the Cam, Derwent and Lugg.
- . Interpretation of the ITE satellite imagery data will be undertaken.
- . All available data will be analysed to meet the terms of the contract.
- . Landowners' requests for data feedback will be met.

3.5 Analyses

A provisional list of proposed tabulations and analyses for inclusion in the Stage 2 report and NRA Note are presented, for discussion purposes, in Appendix 3.

4. COST OF WORK DURING THE REPORTING PERIOD

The total cost of the work undertaken during the reporting period is likely to be in line with the Memorandum of Agreement.

Detailed costings will be made available to the NRA, via the IFE Finance Officer as soon as possible.

5. ESTIMATE OF TOTAL COST OF WORKS

With the exception of the request for additional funding for additional land-use surveys, (see section 1.3.8), estimated inflation-linked costs of the works under the other categories of expenditure remain as listed in Section 10 of the PIA and Schedule 8 of the project contract.

6. ESTIMATE OF COSTS FOR THE NEXT REPORTING PERIOD

Costs for the next reporting period are expected to be in line with the anticipated cost-base adjusted budget.

7. FACTORS LIKELY TO AFFECT THE SATISFACTORY COMPLETION OF THE WORK

The work is perceived to be approximately six weeks behind schedule. This is likely to result in a four week delay in the production of the NRA Note on this stage of the study.

The reasons for the delay are the conflicting demands of other on-going commissioned projects on staff time in general and, in the case of senior IFE project members, the time required for the production of research proposals for the financial year 1993-4.

It is not envisaged that this delay will affect the schedule for Stage 3 nor the timing of the completion of the project.

APPENDIX 1 Lower catchment sampling locations & dates.

RIVER CAM

WHADDON BROOK	WHADDON	(TL 539 465)	30 APR 1991	18 JUL 1991	11 NOV 1991
BLACK PEAK SPRING STREAM	HELDRETH	(TL 383 474)	14 MAY 1991	18 JUL 1991	11 NOV 1991
SWAFFAM BULBECK LODE	COMMERCIAL END	(TL 554 635)	15 MAY 1991	06 JUL 1991	16 OCT 1991
MILL RIVER	WENDY	(TL 321 475)	30 APR 1991	23 JUL 1991	11 NOV 1991
RIVER GRANTA	HILDERSHAM	(TL 545 485)	07 MAY 1991	28 JUN 1991	15 OCT 1991
BOURN BROOK	CANTELUPE FARM	(TL 432 547)	14 MAY 1991	26 JUN 1991	15 OCT 1991
REACH LODE	UPWARE LOCK	(TL 537 598)	13 MAY 1991	04 JUN 1991	16 OCT 1991
RIVER RHEE	WIMPOLE LODGE	(TL 334 485)	30 APR 1991	18 JUL 1991	11 NOV 1991
RIVER RHEE	HARSTON	(TL 417 511)	30 APR 1991	22 JUL 1991	11 NOV 1991
RIVER CAM	HAUXTON MILL	(TL 432 527)	07 MAY 1991	23 JUL 1991	13 NOV 1991
RIVER CAM	ANSTEY HALL	(TL 438 549)	14 MAY 1991	26 JUL 1991	15 OCT 1991
RIVER CAM	DIMMOCK'S COTE	(TL 537 723)	13 MAY 1991	06 JUN 1991	16 OCT 1991

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SCAMPSTON BECK	SCAMPSTON	(SE 868 757)	02 MAY 1991	05 AUG 1991	23 OCT 1991
WHISPERDALES BECK	LOW DALES	(SE 958 922)	02 MAY 1991	05 AUG 1991	23 OCT 1991
HODGE BECK	HOLD CAULDRON	(SE 668 869)	24 MAY 1991	05 AUG 1991	23 OCT 1991
HOLBECK	HOVINGHAM CARRS	(SE 669 773)	02 MAY 1991	15 AUG 1991	23 OCT 1991
SAILS BECK	ALLERTHORPE COMMON	(SE 743 476)	02 MAY 1991	16 AUG 1991	19 NOV 1991
PICKERING BECK	LEVISHAM	(SE 816 911)	18 APR 1991	15 AUG 1991	23 OCT 1991
RIVER SEPH	LASKILL	(SE 563 907)	24 APR 1991	05 AUG 1991	23 OCT 1991
MENETHORPE BECK	MENETHORPE	(SE 768 676)	02 MAY 1991	05 AUG 1991	23 OCT 1991
SPITTLE BECK	BRAISTHWAITE BRIDGE	(SE 727 624)	23 APR 1991	05 AUG 1991	23 OCT 1991
RIVER RYE	HUNNINGTON	(SE 664 794)	02 MAY 1991	02 AUG 1991	23 OCT 1991

RIVER LUGG

BACK BROOK	KINGTON	(SO 303 570)	03 APR 1991	29 JUL 1991	22 OCT 1991
CURL BROOK	PEMBRIDGE	(SO 390 585)	03 APR 1991	29 JUL 1991	22 OCT 1991
MAIN DITCH	LEOMINSTER	(SO 501 597)	03 APR 1991	29 JUL 1991	22 OCT 1991
RIVER LODON	STOKE LACY	(SO 619 494)	04 APR 1991	30 JUL 1991	23 OCT 1991
HACKLEY BROOK	NOAKES BRIDGE	(SO 634 548)	04 APR 1991	30 JUL 1991	23 OCT 1991
TEDSTONE BROOK	BROMYARD	(SO 657 551)	04 APR 1991	30 JUL 1991	23 OCT 1991
HINDWELL BROOK	COMBE	(SO 345 635)	03 APR 1991	29 JUL 1991	22 OCT 1991
RIVER FROME	YARKHILL	(SO 614 427)	04 APR 1991	30 JUL 1991	23 OCT 1991
RIVER LUGG	MORDIFORD	(SO 570 375)	19 APR 1991	31 JUL 1991	24 OCT 1991

RIVER STOUR

SHREEN WATER	COLESBROOK	(ST 807 278)	13 MAY 1991	12 AUG 1991	18 NOV 1991
FONTMELL BROOK	FONTMELL PARVA	(ST 825 147)	18 MAR 1991	20 JUN 1991	19 SEP 1991
RIVER ALLEN	WALFORD MILL	(SU 010 006)	08 MAR 1991	27 JUN 1991	18 SEP 1992
RIVER CALE	SYLES FARM	(ST 759 199)	02 MAY 1991	31 JUL 1991	18 SEP 1992
RIVER STOUR	TRILL BRIDGE	(ST 790 205)	13 MAY 1991	12 AUG 1991	18 NOV 1991
CAUNDLE BROOK	WARR BRIDGE	(ST 733 143)	27 MAR 1991	17 JUL 1991	07 OCT 1991
RIVER STOUR	PLECK	(ST 765 176)	05 APR 1991	30 JUL 1991	07 OCT 1991
RIVER LYDDEN	BAGBER BRIDGE	(ST 765 157)	04 APR 1991	04 JUL 1991	17 OCT 1991
RIVER STOUR	SPETISBURY	(ST 919 020)	25 MAR 1991	26 JUN 1991	09 OCT 1991

APPENDIX 2. Documentary information relevant to land cover and land-use change in the River Stour catchment

There are three main sources of information regarding changing land use in the catchment area of the River Stour in Dorset. These are the County Record Office of the Dorset County Archives Service, Dorset County Library, and Dorset County Museum. Information concerning changes in agricultural, industrial and residential use in the period extending from the mid 19th century to the present was sought in the form of maps, photographs, surveys and other documents.

COUNTY RECORD OFFICE

The catalogue room houses three simple indexes arranged by place name, personal name and subject. From these reference can be made to more detailed catalogues describing individual collections and the items within them. These include parish and non-conformist records, official records (Quarter Sessions, boroughs, schools etc), privately created records (family estate, business, solicitors etc), microfilm and other material.

General - the whole county

Ordnance Survey maps 6" to the mile published 1862 - 1889

Ordnance Survey maps 25" to the mile published 1900 - 1901

SUBJECT

BW/ADR Public Utilities

Avon and Dorset River Authority

Hampshire Rivers Fishery District

A1/1 Minute Book General Purposes Committee, Avon and Stour sub-committee 1907-1942

A1/2 Minute book 1 volume 1931-1950

D Avon and Stour Catchment Board

D1 Minutes

D1/1 Minute book 1 volume 1931 - 1932

D1/2 Minute book 1 volume 1932 - 1934

D1/3 1934 - 1937

D1/4 1937 - 1943

D1/5 1944 - 1946

D1/6 1947 - 1950

D2 Maps

D2/1 Avon and Stour Catchment Area n.d. (post 1930)

D3 Riparian owners

D3/1 Schedule of riparian owners n.d. (pre 1950)

E Avon and Dorset River Board (from November 1964 Avon and Dorset River Authority)

E1/1 - E1/24 Minutes from 1950 - 1974

E2/1 - E2/15 Annotated minutes 1950 - 1964

E3/1 - E3/2 Reports 1958 and 1972

E4/1 - E4/22 Annual reports 1951 - 1973

E5 Mortgage registers (1936 - 1949 Avon and Stour Catchment Board)

E5/1 1936 - 1963

E5/2 1963 - 1973

E7 Seal registers

E8 Maps

E8/1 Avon and Dorset River Board area showing main rivers and board area boundary 1951

E8/4 Lower Avon Internal Drainage District part 2, Ringwood and Christchurch areas 1962

E9 Statutes, orders and byelaws

E9/1 Avon and Dorset River Board land drainage byelaw 1955

Rivers

D148/27/46

Sewers Commissioners papers in case concerning cleaning of River Cale (Buckthorn Weston to Stalbridge) 1793 - 1820

D1/1412 bc

Two maps of River Stour and Crawford Bridge to Corfe Mullen Mill, showing reed beds and riparian owners etc., undated (c.1804)

BW/3

Trial well at "Anchor Mead" near Walford Bridge, Wimborne, sunk by Wimborne Waterworks Co. on property of Mrs V. Gaillard. Later becomes pumping station for the company. 5 November 1887.

BW/3

Sinking of artesian well near Walford Bridge, Wimborne by Wimborne Waterworks Company 1189.

D/WIM/1335

Minutes of evidence in dispute concerning new weir at Canford Magna and paper mill at Wimborne, 1827.

Agriculture

Ph674 "An account of the husbandry used in some parts of Dorsetshire" between Shaftesbury and Blandford 1665.

D/WIM 318a&b Acreage and crops at Canford Farm at Newtown; plan of experiments with turnip crops at Manor Farm, Canford Magna, undated (mid 19th c.).

Photocopy 593

Parish summaries of agricultural census returns, 1961 - 1971. (Not complete; see index in box with copies).

Forestry

D1/11,015 Copy map of Gillingham Forest (1642)

D1/LS 29 Notes concerning consequences of disafforestation of Gillingham Forest c 1630

PLACES

Examples:

Bourton

Deeds to properties, land factories.

D685/1 Sheepphouse, close of pasture (1.5 acres), 12 acres of pasture, Forteyes close. 1662, 1679.

D651/T3 Queen (or Green) Oak Mead (2 acres), Queen Oak Close (2 acres) with dwelling house on it 1748 - 1830.

D651/T10 Under room, factory, flax shop, engine house, workshops, counting house, Yarnbarton and Pond. Millpond 1851 (with plan).

D559/13 Map and copy, flax mills, Iron foundry and Grist mills at Bourton, prop. Oliver Maggs, 1857.

Buckland Newton

Deeds to land and properties (including water mill eg D/FFO and D47) field names, 17th century onwards.

Estate Surveys (eg Aylmer estate 1771 D/FFO/27/92)

Inclosure 1835 (Aylmer D/FFO/27/9).

D/FRA/E68 Book of memoranda by James Frapton I concerning his estates in Affpuddle etc with a list of events including building, making plantations, roads, bridges, inclosure, improvements....1732 -1778.

D/FFO/37/7 Agreement for inclosing common fields 1699.

D1/ND7 Extract from inclosure award 1734.

Maps of estates and farms.

D1/LX4 Map (probably tithe) (copy) 1840.

Inclosure and tithe maps.

Sale particulars of farms and estates, for example:

D/COO:J 37-42, 170; 181, 182 including Beaulieu Wood Estate, Henley Farm, Chaston Farm, Brockhampton Farm, Middlemarsh Estate, Clinger Estate 1903 - 1934.

D103/5 Transcript of survey of lands in Buckland and Cattistock undated.

D/BLX Survey of lands and Tenements at Duntish belonging to Sir George Trenchard, 1616.

T/BCN Tithe map 1840, tithe apportionment 1841.

Buckhorn Weston

D/PLR:T5-8 Deeds to lands 1575.

D465/1 Inclosure maps 1804, 1805.

D559/17B Map of estate in Buckhorn Weston 1875.

T/BCW Tithe map.

D/FFO/38/49 Sale particulars and plan of agricultural estate 1919.

D484/3 OS 25 inch 1st ed. Dorset sheets III, 5,6,9,10,13,14.

D622/E8 Sale particulars of grazing land etc with plan 1904.

D/FFO/38/50 Similar 1914.

D/FFO/38/49 Similar 1919.

RECORD OFFICE NOTES (RON)

RON 4/1 Dorset Farming

2. The Probate Inventories of Dorset Farmers 1573 - 1670 by J.H. Bettey and D.S. Wilde from "The Local Historian" Vol 12 no. 5 1977.

6. Dorset portion of "The Present State of Land in Highland and Grazing Districts in Great Britain", showing the principal customs and methods under which sheep farms are now held and managed in several counties, by I. Kennedy and J.B. Grainger, London 1829.

9. The Farms of Dorset. An Economic Classification of the 5,265 Agricultural Holdings in the County. University of Bristol, Dept of Economics. Report no. 104 April 1958.

RON 4/4 Dairy Farming

1. The Dorset Dairy System by Pamela Horn. Offprint from the Agricultural History Review Vol 26 Part II 1978.

RON 4/8 Water Meadows

1. The Development of Water Meadows in Dorset during the 17th century by J.H. Bettey from the Agricultural History Review, vol 25, part I, pp37-43.

RON 4/13 Wood

1a,b Inventory of Ancient Woodlands, Dorset (provisional draft J.W. Spencer. 2 pieces Sept 1985.

RON 8 Inclosure

1. Inclosures in the Eighteenth Century by R.A.C. Parker, Pub. Historical Association 1960.
2. An act for Inclosing Lands n the Parish of Stalbridge in the County of Dorset 51 Geo III 1811.

RON 19/3 Watermills

1. Dorset Watermills by Joseph Addison 1962 - 1972.
2. The Windmills, Watermills and Horsemills of Dorset, by H.S.L. Dewar 1959.

RON 19/17 Gas and Water

1. A brief history of the water supply of Shaftesbury, Dorset by F. Howarth and JA Young. Shaftesbury and District Historical Society Pub No.4, 1974.
12. Observations Along Wessex Water Reinforcing Main: Marnhull to Kington Magna, Apr - Oct 1985 by MS Ross. Offprinted from the Proc. of the DNHAS Vol 108 for 1986.
13. The Museum of Water Supply, Sutton Poyntz. Official opening Tues 5 Sept 1989.

RON 31 Landscape and topography

1. The Manors of Iwerne Valley. A study of early county planning. Charles D. Drew. Ext from Proc Bournemouth Nat Sci Soc, Vol XXVII 1947 (Ron 2/2/1/Iwerne Valley 1947).
2. The South-East Dorset Urban Fringe Project 1990.

DORSET COUNTY LIBRARY

DORSET COLLECTION

Agriculture and rural conditions

Farm organisation in Dorset: an economic classification of the farms in three rural districts of North Dorset by J.A. Langley, H.W.B. Luxton, and S.T. Morris. University of Bristol 1955. (Dairy Research Studies 1953-55 part 1). D:338.631.

Barley production in SW England. Bristol University, Dept. Economics. Newton Abbot, Bristol University 1959.

Costs and returns of wheat growing in three areas of SW England 1953. Bristol University, Dept Economics. Report No.82 1955.

Various Bristol University reports on fodder crops, milk production, farm organisation, pig production, and wheat production.

Various Exeter University reports on similar subjects to above.

General view of the agriculture of the county of Dorset. John Claridge. London: Smith 1793.

Articles on pig breeders and horn sheep breeders and flocks.

The progress of enclosures in the County of Dorset in the 18th and part of the 19th centuries. Endacott, GB, 1938. (Facsimile. Unpub. thesis).

Barley Beef in the South West 1965-66 by E. Burnside and D.A. Crighton. Exeter University, Dept of Agricultural Economics. Newton Abbot: Exeter University, 1967 (Farmers Rep No3).

Dairy Farming in Dorset by V.H. Beynon and E.T. Davies, Exeter University, Department of Agricultural Economics. Newton Abbot: Exeter University, 1970 (Farmers Report No 181).

The Dorset Farm Survey 1969 by S.T. Morris and E.T. Davies, Exeter University, Dept of Agricultural Economics. Exeter: Exeter University, 1970. Part I, Summary Pt II tables. (farmers Report No. 177).

Notes on the management, manoeuvring and composition of some Dorset soils by Reading University and Dorset County Council 1931.

Report on the soils of Dorset, with suggestions on manuring, cultivation etc by J. Percival, Reading University and Dorset County Council 1906.

Farming of Dorsetshire by Louis H Ruegg. Facsimile extract from the Journal of the Royal Agricultural Society Vol 15 Part II no. XXXIV 1854 pp389-454.

General View of the Agriculture of the County of Dorset, with observations on the means of its improvement by William Stevenson. Sherwood: Neely and Jones, 1815.

Aspects of the agricultural geography of Dorset by L.E. Tavener. London University PhD thesis 1952.

The land of Britain: Dorset by L.E. Tavener. Land Utilisation Survey Part 88 1940.

Land classification in Dorset: a study of land classification with specific reference to agricultural distributions in Dorset. L.E. Tavener. Philip 1937.

County Council small-holdings in Dorset and Hampshire by Edgar Thomas HMSO 1937. (Reprint from the Journal of the Ministry of Agriculture 1937).

Grassland Dairying in the Blackmore Vale by Edgar Thomas and F.H. Villiers. (Reprint from the Journal of the British Dairy Farmers Association Vol XLIX).

Report on the country town industries of South West England by Trevor Thomas and Katherine S Woods. Oxford: Agricultural Economics Research Unit 1958.

Industry - manufacturing

Employers in manufacturing industries in Dorset employing more than 20 persons 1960, amended 1962.

The historical geography of the West Country woollen industry. R.H. Kinvig. Facs. extract from Geographical Teacher Vol 8 1915-16 pp243-254, 290-306.

Planning and development

The economic and industrial development of the South West 1965. Associated Industrial Consultants Ltd. 2 vols. Bournemouth Bournemouth Borough Council Land use and transportation study of Dorset 1967.

Dorset County development plan. Dorset County Council, Dorchester 1952.

Gillingham study, joint report by Dorset County Council and Greater London Council. Dorchester: DCC 1965.

County Development Plan, written statement 1955. Dorset County Council Planning Department. Dorchester: DCC 1970.

Report on a study of Dorset Villages in the vicinity of Yeovil and Sherborne. Dorchester: The Council 1966.

A region with a future: a draft strategy for the South West. South West Economic Planning Council. HMSO 1967.

Report on the census of distribution and other services 1961. Board of Trade and Industry. HMSO 1964.

Land available for residential development: March 1979. Dorset Planning Officers Panel. Dorchester: DCC March 1980 (D:711.58; 0852162375).

Land for residential development, March 1980. DCC August 1980. (0852162545).

Land for residential development, March 1981. (D711.58; 0852162847).

Land for residential development, March 1982. (0852163134).

Land for residential development, March 1983. (0852163274).

Land for residential development, March 1984. (0852163509).

Land for industrial development, March 1981. Dorset Planning Officers' Panel. Dorchester: DCC Oct 1981. (D.711.554; 0852162936).

Land for industrial development, Sept 1983. Dorchester, the Panel, 1984. (D.711.554; 08521683x).

Land for industrial development, Sept 1984. DCC 1985. (0852163657).

Public utilities

Dorset laws, statutes etc regarding water supply.

A brief history of the water supply of Shaftesbury, Dorset by F. Howarth and J.A. Young. West Wiltshire Water Board, 1972 Pub no 4.

Rivers

The Dorset Stour, notes and illustrations. G.D. Johnston 1911-12.

The Dorset Stour by Owen Wentworth. Peterborough: Angling Times, 1961 (Famous Fishing Rivers Series).

Maps

Photocopy of list of maps held by the library is attached.

INDEX TO THE PROCEEDINGS OF THE DORSET NATURAL HISTORY AND ARCHAEOLOGICAL SOCIETY Volumes 1-110 1876-1988.

Agriculture

Arable crops, changes in distribution 1900-1950. 75, 94-101.

Classification on a parish basis, the inadequacy of regional divisions. 102, 15-18.

Dorset farming 1900-1950. 75, 91-114.

Early field systems and field names. 89, 233-256.

Enclosures 1540-1640, tenures, wages, crops. 92, 224-227.

Farming

by regions 1800-1854. 102, 7-13.

in the Blackmore Vale 1800-1854. 102, 9.

systems 1500-1900. 73, 116-140.

Land use classification. 75, 112.

Livestock, changes and distribution 1900-1950. 75, 101-111.

Mid 20th century crops and livestock distribution. 83, 130-137.

Water meadows, use and management. 89, 257-281.

Chalk upland farming 1800-1854, wheat and sheep. 102, 9-11.

DORSET COUNTY MUSEUM

1. Full set of the Dorset Natural History and Archaeological Society Proceedings.
2. First edition Ordnance Survey 6 inch to mile maps for county.
3. Aerial photographic survey prints from 1945-47 and from 1974 with cross-referenced marked maps.
4. Photographs sorted according to parish of landscape and buildings.
5. Box files of literature arranged according to subject, eg. rivers, and villages, eg. Bourton.

ENGLISH NATURE (NCC Stepe Farm)

Land utilisation survey maps covering the county for last 50 years.

SECTION 22: MAPS, CHARTS AND STREET PLANS

A. REGIONAL MAPS

This Section includes regional maps covering Dorset, together with historical maps of the whole of Britain.

- A CONTOUR road book of England: a series of elevation plans of the roads, with measurements and descriptive letterpress. London: Gale and Inglis, 1913. R
Also contains Contours road book of Scotland.
- DUNLOP 'Width of road' map - South West England. Dunlop, n.d. (Under Geographia). R
- ENVIRONMENT, Department of. SOUTH-WEST OFFICE. South West Regional atlas. R
Department of Environment, 1971 and additional supplementary maps as issued.
- GEOGRAPHIA. Geographia two miles to one inch map of England and Wales (in 19 sheets). R
Sheet No. 17: Dorset and Somerset, n.d. (Scale 2m: 1 inch). Geographia Ltd.
- GEOGRAPHIA. New map of East Devon and Wessex. Geographia Ltd. 193-. Map R
No. 685.
- ORDNANCE SURVEY. Map of Britain in the dark ages: south sheet. Ordnance survey R
1935.
- ORDNANCE SURVEY. Map of Southern Britain in the Iron Age, scale 1:625,000 (10 R
miles: 1 inch) Chessington: Ordnance Survey, 1962.
- PHILIP, George and Son Ltd. Shell touring map. 1 South-West England. Scale 10 miles: R
1 inch. Philip and Son Ltd, 1966. Map No. 941.

B. DORSET MAPS

This Section includes all Dorset maps in alphabetical sequence regardless of age or topic.

- ANDERSON, Tom. Purbeck, a part of the coast from Kimmeridge to Anvil Point, R
1962. Drawn from Ordnance Survey map SY 97. Map No. 906.
- ARCHER, J. Dorsetshire. London, 1842. Scale 1½ inches: 10 miles. Map No. 456. R
See also DUGDALE.
- BACON, G W. Dorsetshire reduced from the Ordnance Survey, divided into 5 mile R
squares. Bacon, 1870 to 72. / running No. Dorset 14/.
- BACON, G W. Dorsetshire revised throughout by the new Ordnance Survey. Bacon's R
Geographical Establishment, 189-. / running No. 14/.
- BACON, G W and Co Ltd. Bacon's new survey map of Dorsetshire. Bacon, 1901 to 1910. R
- BACON, G W. Bacon's county map of Dorset. G W Bacon, 192-. Scale 1 inch:2.6 miles. R
/ Folded map/.
- BACON, G W. Dorsetshire. Scale, 3¼ inch: 10 miles. Bacon 1910/20 coloured Map R
No. 650.
- BACON'S new survey map of Dorsetshire showing railways, roads and distances, R
local government divisions and parishes, also golf links. Manchester: Bacon,
1901. Scale ¾ inch to 1 mile. / folded map/. (Map No. 621).
- BADESLADE, T. A map of Dorsetshire, west from London. London: W H Toms, 1741. R
/ From Chorographia Britanniae . . . dated 1742/.
- BAKER, Benjamin. Geological map. Ordnance map. Ordnance Survey 1855. St R
Aldhelm's Head to Christchurch. Scale 1 inch to 5 miles.
- BARTHOLOMEW, John and Son Ltd. Dorset; England (Sheet 34) Scale 5 inches: 10 miles. R
Bartholomew, 1937. Map No. 710.
- BARTHOLOMEW, John and Son Ltd. Dorset. (Sheet 34). Edinburgh: Bartholomew, R
1920 (Bartholomew's reduced Ordnance Survey of England and Wales) Scale 1 inch:
2 miles / folded map/.
- BARTHOLOMEW, John and Son Ltd. Half inch contoured map of Great Britain. R
Bartholomew, 1964, sheet 4 and 5. Scale ½ inch: 1 mile.

- BAYLY, J. A map of Dorsetshire. From actual surveys and records of the county. R
 A draught of Portland, the Shambles and the Race of Portland. London: 1773.
 (Prefixed to the 1st edition of Hutchin's History, but sold separately).
- BLEAU, Joannes. Comitatus Dorcestria, sive Dorsettia; vulgo anglica Dorsetshire. R
 Milaria Anglica. Scale 3½ inches: 8 miles. Amsterdam: Bleau, 1645. Coloured.
 Map No. 120.
- BOSWELL, Dorsetshire. This plan shows the new divisions altered by Acts 9. R
 G4 c43 and 10 Geo 4 c46 and the parishes and places within each are referred to by
 numbers . . . likewise rivers. In Boswell, E. The civil division 2nd ed. 1833.
- BOWEN, Emanuel. An accurate map of Dorsetshire, divided into its hundreds. R
 Hinton and Tinney, 1763. Scale 3 5/8ths inches: 10 miles. Coloured. Historical
 notes around border, arms of Antony Earl of Shaftesbury. Map No. 250.
- BOWLES, C. Bowle's new medium map of Dorset Shire, divided into its hundreds: R
 exhibiting the roads, towns and villages . . . Bowles, 1785. Scale 1 7/8ths
 inches: 12 miles. coloured. Map No. 283.
- BRIDPORT railway property plans \int Great Western Railway n.d. \int . Scale 1: 28512 R
 (7 maps bound in cover).
- BURROW, E J and Co, Ltd. Burrow's reference map of Portland. Burrows, 2nd and R
 4th edition 1970. Scale 3 inches: ¼ mile. \int Folded map \int .
- CALKIN, J B. Geological map of the Isle of Purbeck. Longman, 1969. Scale 4 inches: R
 1 mile.
- CAMDEN, William. A map of Dorsetshire from the best authorities. E Noble derit et R
 curavit. engraved by J Cary. London: Cary, 1789. Scale 3½ inches: 10 miles.
 coloured. Map No. 290.
- CARR, J L. Publisher. Dorset: Who's afraid? Kettering: Carr, 1973. Nos. 437/8 R
 of an edition limited to 773 sheets. (Pictorial map of Dorset history). (Illus.
 No. 787).
- CARY, J. Cary's new map of England and Wales . . . Sections 5 and 14 from 1794 edition R
 (1st edition 1792; 2nd edition 1816) (These sections cover East Dorset only).
- CARY, J. Dorsetshire. London: Cary, 1787. Scale 1½ inches: 10 miles. Coloured. R
 Map No. 287.
- CARY J. Dorsetshire; corrected by E Boswell. London: Cary, 1795. Scale 1½ inches: R
 10 miles \int In Boswell's Civil Division 1st ed. 1795 \int .
 - same map but not corrected by E Boswell. London: Cary, 1793. Scale 1½ inches: R
 10 miles. Coloured. Map No. 295.
- CARY, J. Dorsetshire. London: Cary, 1806. Scale 7/10ths inches: 10 miles. R
 Coloured. Map No. 309.
- CARY, J. Dorsetshire. London: Cary, n.d. Scale 1½ inches: 10 miles \int In Chiswick's R
 Walk round Dorchester \int . Map No. 310.
 - same map. London: Cary, 1809. Scale 1½ inches: 10 miles. R
 coloured map No. 310.
- CARY J. Dorsetshire. London: Cary, 1822. Scale 5/8th in: 10 miles. Map No. 350. R
 R
- CARY, J. Map of Dorsetshire from the best authorities. London: Cary, 1789. Scale R
 3½ in: 10 miles coloured Map No. 290.
- CLAPP, Samuel. Plan of Weymouth and Melcombe Regis, engraved for Kay's Weymouth R
 Guide. Weymouth: Kay \int pre 1900 \int .
- CLARK, Geoffrey. Dorset \int landscape map \int by Geoffrey Clark and W Thompson. From R
 'Dorset Landscape'. Black, 1935. Scale 2 in: 5 miles. Coloured Map No. 700.
- COLLINS, Henry George. Dorset. Collins, 1852. Scale 2½ in: 10 miles \int From the R
 British Gazetteer, by Benjamin Clarke. Chubb DXXIV \int (Some railways shown)
 Map No. 530.
- COOPER, Dorsetshire in which every parish and place is laid down containing upwards of R
 40 houses. Phillips, 1808. Scale 1 inch: 10 miles.
- CRUCHLEY, G F. Cruchley's county map of Dorset, showing all the railways. London: R
 Gall and Inglis n.d. No. scale given.

- CRUCHLEY, G F. Cruchley's railway and station map . . . Dorsetshire. London: Dorsetshire. 1850. Scale 1 inch: 2 miles R
- CRUCHLEY, G F. Cruchley's reduced ordnance survey map of England and Wales. Scale 1 inch to 2 miles. Folded map. Dorset map and Exeter Bridport map. R
- CRUCHLEY, G F. Road and railway map of the county of Dorset, showing all the railways and names of stations, also the turnpike roads, villages, gentleman's seats etc, improved from the Ordnance Survey. London: Gall and Inglis, 1890. Scale $3\frac{1}{4}$ in: 10 miles. Coloured (Based on Cary's maps. Map No. 10). Map No. 580. R
- DICEY, C see SPEED, J.
- DIX, T. A new map of the county of Dorset, divided into hundreds. London: Dix, 1820. Map No. 344. R
- DORSET COUNTY COUNCIL. County of Dorset: map of classified county roads; reproduced from the Ordnance Survey map by Cook, Hammond and Kell Ltd . . . 1967. Scale 1 inch: 1 mile. Map No. 954. R
- DORSETSHIRE, with the Shyre-towne, Dorchester described and also the arms of such noble families as have been honoured with the titles thereof since the Normans conquest to this present anno 1610. [Replica on antiqued parchment]. Map No. 114. R
- DORSETSHIRE 1800. Coloured. Map No. 301. R
- DORSETSHIRE c 1820. Map. Scale 1 inch to 10 miles. Map No. 346. R
1910. Coloured. Map No. 650. Scale not given. R
- DUGDALE, Thomas. Dorsetshire; engraved for Dugdale's 'England and Wales' delineated' by J Archer. Tallis, 1843. Scale $1\frac{1}{2}$ inch: 10 miles. Map No. 470. R
- See also ARCHER, J.
- DUGDALE, Thomas. Dorsetshire, drawn and engraved by J Archer. Tallis, 1860. Scale $1\frac{1}{2}$ in: 10 miles. Map No. 535. R
- DUGDALE, Thomas. Dorsetshire, engraved for Dugdale's England and Wales delineated by J Archer. 1848. Scale $1\frac{1}{2}$ in: 10 miles. Coloured. Moreton-Weymouth railway shown as if completed. Map No. 500. R
- DUNCAN, J. New map of the county of Dorsetshire; divided into hundreds, containing the district division and other local arrangements affected by the Reform Bill. Duncan, 1833. Scale, $4\frac{1}{4}$ in: 15 miles. Coloured. Map No. 400. R
- DUNSTER, Map of Lyme Regis and surrounding country. Lyme Regis: Dunster (reproduced from the Ordnance Survey map) n. d. Scale 1 inch: 1 mile [Folded map]. R
- ELLIS. Dorsetshire n. d. (marked ELLIS on reverse. Possibly from Ellis's New and Correct Atlas of England and Wales 1819). R
- EMSLIE, J and W. Official railway map of the West of England. The Railway Clearing House, 1908. Scale not given [Folded map]. R
- Railway Clearing House, 1924. Scale not given [Folded map]. R
- FRANCHISE PUBLICATIONS. Road map of Dorset with new boundary from April 1974. Bournemouth: Franchise Publications, 1973. R
- FULLARTON, Archibald and Co. Dorsetshire; engraved by Gray and Son. Fullarton, 1843. Scale $1\frac{7}{8}$ ths in: 12 miles. Map No. 475. R
- GARDNER, Thomas. The road from Bristol to Weymouth; inscribed to William Peirs, 1719. (Map reduced from John Ogilby's map of 1675. Scale not given. Coloured. Map No. 220). R
- GARDNER, Thomas. The road from Oxford to Salisbury . . . continued to Poole. Gardner, 1719. Scale not given. Coloured. Map No. 222. R
- GEOGRAPHIA Ltd. The authentic route map and guide . . . for Chard, Axminster, Beaminster, Bridport. Geographia Ltd, 1922. R
- GREENWOOD, C. Map of the county of Dorset from an actual survey in the years 1825 and 1826, by C and J Greenwood. London: Greenwood, 1826. Scale $3\frac{1}{4}$ in: 10 miles. Map No. 370 and oversize. R
- HALL, Sidney. Dorsetshire. Leigh, 1825. Scale 1 in: 15 miles. R

- HARDING, J W. Map of the district of Weymouth including Dorchester. Nottingham: Harding and Co, 1900. Scale $\frac{1}{2}$ in: 1 mile. R
- HEYWOOD, John. Dorsetshire. Manchester: Heywood, 1846? Scale $\frac{15}{16}$ ths inch: 10 miles. Map No. 491. R
- HUGHES, W. Map of the meets of Mr Farquharson's hounds, n.d. coloured. R
- HYDROGRAPHIC DEPARTMENT. Approaches to Portland - Tidal stream atlas. 3rd ed. Taunton: Hydrographic Dept, 1973. R
- INSTITUTE OF HERALDIC AND GENEALOGICAL STUDIES $\bar{\bar{}}$ Parish map of $\bar{\bar{}}$, Dorset; with date of commencement of registers. Canterbury: the Institute, 1964. Scale $2\frac{7}{8}$ ths in: 10 miles. Coloured. Map No. 910. R
- JOHNSTON, W. Panorama map of Central South Coast by W and A K Johnston and G W Bacon, 1966. Not to scale. Coloured $\bar{\bar{}}$ Folded map $\bar{\bar{}}$. Map No. 940. R
- JORDAN, K C. The county of Dorset . . . whereabouts of various licensed premises. 1964. R
- KEER, Peter. Dorsetshire; Petrus Kaerius caebivit c 1630 Scale 1 in: 10 miles. Map No. 115. R
- KELLY'S DIRECTORIES Ltd. Kelly's map of Dorsetshire. Kelly's Directories Ltd, 1935. Scale $2\frac{3}{16}$ ths in: 8 miles. coloured. R
- Kelly's Directories Ltd, 1939. Scale $2\frac{3}{16}$ ths in: 8 miles. Coloured. R
Map No. 720.
- KIP, W. Dorcestriae, conitatis vulgo Dorseti ubi olim Durotriges insederunt $\bar{\bar{}}$ From Camden's Britannia $\bar{\bar{}}$ 1610. R
Scale $3\frac{3}{8}$ ths in: 10 miles. Coloured. Map No. 113.
- KITCHEN, T. An accurate map of Dorsetshire . . . by T Kitchen and H Boswell $\bar{\bar{}}$ from Historical Descriptions . . . of England and Wales $\bar{\bar{}}$. Hogg, 1786. Scale 2 in: 16 miles. Coloured map No. 285. R
- KITCHEN, T. A new map of Dorsetshire drawn from the best authorities by Thomas Kitchen, geographer, engraver to HRH The Duke of York, 1764. Scale $1\frac{9}{10}$ ths in: 14 miles. Map No. 241. R
- KITCHEN, T. A map of Dorsetshire by Thomas Kitchen and Thomas Jeffreys. Kitchen and Jeffreys, 1749. $\bar{\bar{}}$ from the Small English Atlas, 1749 $\bar{\bar{}}$. Scale $\frac{15}{16}$ ths in: 12 miles, coloured. (Details of fairs, markets and members returned to Parliament given beneath map). Map No. 240. R
- LAND UTILISATION SURVEY OF BRITAIN. Bournemouth: (Land Use Sheet 56) 1964. R
Map No. 912.
- Ringwood (sheet 131) 1943 map No. 736. R
- Weymouth and Dorchester (sheet 140) 1943 Map No. 735. R
- Yeovil and Blandford (Sheet 130) 194- Map No. 725. R
- LAURIE, R H. Continuation of the road to Lands End as far as Exeter by R H Laurie and J Whittle. 1830. Scale not given. Map No. 380. R
- LONGMANS (DORCHESTER) LTD. Map of Thomas Hardy's Wessex. Dorchester: Longmans, 1964. Scale not given. (A map showing the place names used by Hardy in his books). R
- LYME REGIS PRINTING CO. Map of the Lyme Regis neighbourhood; compiled for the use of visitors: showing particularly the lanes and field paths of the district. Lyme Regis: Lyme Regis Printing Co, 1909, 193-. R
- MOLL, H. Dorsetshire by H Moll. London: Bowles and Rimington, 1724. Scale $1\frac{1}{2}$ in: 8 miles. Map No. 231. R
- MORDEN, Robert. Dorsetshire $\bar{\bar{}}$ from Camdens Britannia $\bar{\bar{}}$ 1695 Scale $3\frac{3}{4}$ in: 10 miles. Coloured. Map No. 180. R
- MORDEN, Robert. Dorsetshire $\bar{\bar{}}$ from 'the New Description of England' $\bar{\bar{}}$ 1700. Scale $1\frac{1}{2}$ in: 10 miles coloured. Map No. 190. R
- MOULE, Thomas. Dorsetshire $\bar{\bar{}}$ from the English Counties Delineated $\bar{\bar{}}$ 1837. Scale $1\frac{1}{2}$ in: 10 miles. Map No. 430. R
- 1846 Scale $1\frac{1}{2}$ in: 10 miles. Map No. 490. R

- OGILBY, John. The road from Bristol to Weymouth 1675. From the first survey of the roads of England. Scale not given. Coloured. Map No. 150. R
- The road from London to Weymouth, 1675. Map No. 152. R
 - The road from Salisbury, continued to Poole in Dorset, 1675. Map No. 154. R
 - The roads from Exeter to Dorchester and from Plymouth to Dartmouth, 1675. Map No. 156. R
- ORDNANCE SURVEY. Contoured road map of Weymouth and Dorchester. Southampton: Ordnance Survey, 1919. Scale 1 inch: 1 mile Sheet No. 140. [Folded Map]. R
- ORDNANCE SURVEY. Diagram of Dorset, showing the administrative county, municipal boroughs, urban and rural districts, civil parishes and catchment area boundaries. (Revised to 1.7.46). Chessington: 1946. Scale 4 in: 8 miles. Map origin published 1933. Map No. 750. R
- ORDNANCE SURVEY. Diagram of Dorset, showing the administrative county, municipal boroughs, urban and rural districts, civil parishes and catchment area boundaries. Revised edition. Chessington: Ordnance Survey, 1949. Scale 4 in: 1 mile. R
- ORDNANCE SURVEY. Dorset: diagram showing the boundaries of the administrative county, municipal boroughs, urban districts, rural districts and civil parishes revised to 1.1.72, and the Parliamentary constituencies. Southampton: Ordnance Survey, 1967. Scale 1: 100,000 R
- ORDNANCE SURVEY. England South (Sheet 11) 3rd edition. Southampton: Ordnance Survey, 1919 (1928 reprint) Scale $\frac{1}{4}$ in: 1 mile. [Folded map]. R
- 1939. 4th ed. R
- ORDNANCE SURVEY. 50 inch map. R
- III 8NW partially revised 1912 R
 - IV 14NW SE, SW partially revised 1912. R
 - VI 13 partially revised 1912. R
 - VII 9NW partially revised 1912. R
 - XIII 3SW partially revised, n. d. R
 - XXIV 7NE, NW, SE, SW partially revised 1912. R
 - XXIX 6NE partially revised 1911. R
 - XXXIV 8NE, SE partially revised 1911. R
 - XXXVI 12SE specially enlarged 1912. R
 - XXXVII 9SW specially enlarged n. d. R
 - XXXVIII 5SE specially enlarged 1912. R
 - 6SW specially enlarged 1912. R
 - 9NE specially enlarged 1912. R
 - 10SW specially enlarged 1912. R
 - XL 15NW, SW partially revised 1912. R
 - L 5NW, SW partially revised n. d. R
 - LIII 11SW specially revised 1912. R
 - 14NW specially revised 1912. R
 - LVII 9SE, SW partially revised 1912. R
 - LVIII 15NE partially revised 1912. R
- ORDNANCE SURVEY of England and Wales. Geological Survey of Great Britain. Geological map. Sheet No. XVI published April 10, 1811. Geological information on this map published 1855. Scale 1 inch: 1 mile. R
- ORDNANCE SURVEY. Geological survey of England and Wales. Bournemouth drift. (Sheet No. 329). Chessington: Ordnance Survey, 1947. Scale 4 in: 4 miles. Map No. 765. R
- Bridport drift (sheet 327) 1962 Map No. 900. R
 - Bridport solid (sheet 327) 1962 Map No. 905 R
 - Dorchester drift (Sheet 328) 1958 Map No. 850. R
 - Isle of Purbeck 1855 Scale 1:63,360. R
 - Ringwood drift (sheet 314) 1902 (1960 reprint) Map No. 620. R
 - Shaftesbury drift (sheet 313) 1923 (1960 reprint) Map No. 620. R

- Sidmouth drift (sheet 326 and 340). 1946. Map No. 755. R
- Swanage, solid and drift (sheet 343) 1954. Map No. 825. R
- West Fleet drift (sheet 341) 1905 Map No. 640 R
- Weymouth drift (sheet 342) 1949 Map No. 785. R
- Yeovil solid and drift (sheet 312) 1958 Map No. 855. R
- ORDNANCE SURVEY. Ministry of Transport road map. Weymouth, Yeovil and Taunton. R
- Southampton: Ordnance survey, 1923. Scale $\frac{1}{2}$ inch to 1 mile.
- ORDNANCE SURVEY 1 inch: 1 mile maps. 1st edition Ordnance Survey, 1811.
- Sheet 16 1811 SE Dorset map No. 331 R
- Sheet 17 1811 SW Dorset R
- Sheet 15 1811 NE Dorset R
- Sheet 18 1811 NW Dorset R
- Reprint of sheets mounted as one. Circa 1860 with railways added. R
- David and Charles facsimile of 1860 edition published 1969. R
- ORDNANCE SURVEY. 1 inch to 1 mile map 1896. Sheet 343. Swanage and adjacent R
- area. Folded map No. 591.
- ORDNANCE SURVEY 1 inch: 1 mile maps. 2nd edition. Ordnance Survey, 1885. R
- Sheet 312 N of 327 1884/85 R
- Sheet 313 of 328 1884/85 R
- Sheet 314 N of 329 1868/85 R
- Sheet 327 N of 341 1863/87 R
- Sheet 328 N of 342 1885/86 R
- Sheet 341 W Coast 1868/87 R
- Sheet 342 Central Coast 1862/88 R
- Sheet 343 Purbeck 1886 R
- ORDNANCE SURVEY. 1 inch: 1 mile maps. 3rd edition. Sheets 328, 329, 342, 343. R
- Ordnance Survey, 1903.
- ORDNANCE SURVEY. 1 inch: 1 mile maps. 4th (popular) edition Sheet 131. Ordnance R
- Survey, 1913.
- ORDNANCE SURVEY. 1 inch to 1 mile. 4th edition. 1919. Sheet 141. Bournemouth R
- and Swanage. Folded map. Map No. 662.
- ORDNANCE SURVEY. 1 inch to 1 mile. 4th edition. 1919. Sheet 140. Weymouth and R
- Dorchester. Folded map. Map No. 663.
- ORDNANCE SURVEY. 1 inch: 1 mile maps. Second War revision. Sheets 129, 130, R
- 131, 139, 140, 141. Ordnance Survey, 1941.
- ORDNANCE SURVEY. 1 inch: 1 mile maps. 6th edition Southampton: Ordnance Survey, R
- 1946.
- Bournemouth (sheet 179) 1948. Map No. 770. R
- Dorchester (sheet 178 dissected) 1945. Map No. 745 R
- Dorchester (sheet 178 dissected) 1946. Map No. 752. R
- Frome (sheet 166 dissected) 1946. Map No. 754. R
- Taunton and Lyme Regis (sheet 177 dissected) 1945 Map No. 740. R
- Taunton and Lyme Regis (sheet 177 dissected) 1946. Map No. 758. R
- ORDNANCE SURVEY. 1 inch: 1 mile maps. 7th edition. Ordnance Survey, 1956/57. R
- 166, 167, 177, 178, 179. Southampton.
- ORDNANCE SURVEY. 1 inch: 1 mile maps. Tourist map of the New Forest. Chessington: R
- Ordnance Survey, 1966. Coloured.
- ORDNANCE SURVEY. 1 inch to 1 mile map. 3rd ed. 1906. Parts of sheets 328, 329, R
- 342, 343. Warcham and surrounding country. Folded map. Map No. 642.
- ORDNANCE SURVEY. Poole Harbour. Southampton: (sheet No. 52 08) Ordnance Survey, R
- 1968. Scale $2\frac{1}{2}$ in: 1 mile. / Folded map/.
- ORDNANCE SURVEY. $\frac{1}{4}$ inch: 1 mile of Great Britain with National Grid. 4th ed. Sheet 11. R
- England South. Ordnance Survey, 1939.
- ORDNANCE SURVEY. Road map of Weymouth, Yeovil and Taunton. (Sheet 37). R
- Southampton: Ordnance Survey, 1932. Scale $\frac{1}{2}$: 1 mile. (Reduced from 1 inch map
- 1903 revised 1913). Coloured. Map No. 690.

ORDNANCE SURVEY. 6 inch: 1 mile 1st edition. Without contours. Ordnance Survey 1886. R

Sheet I	SW	SE	Sheet IV	NW
" VI		NE	" VIII	NW SW NE SE
" IX	NW SW	NE SE	" XI	SW
" XII	NW		" XIV	SW NE SE
" XV	NW SW	NE SE	" XVI	SE
" XVII	NW SW		" XX	SW
" XVIII	NW SW	NE	" XXIV	NW SW SE
" XXV	NW		" XXVI	NW SW NE SE
" XXVII		NE SE	" XXVIII	NW SW NE SE
" XXIX	NW SW	NE SE	" XXX	SW
" XXXI	NW SW		" XXXII	NW SW NE
" XXXIII	NW		" XXXIV	NW SE
" XXXV	NW	NE SE	" XXXVI	NW SE
" XXXIX	NW SW	NE SE	" XLV	NW
" XLVII	NW		" LIII	NW SW NE SE
" LIV	NW	NE SE	" LV	NW SW NE SE
" LVI	NW SW	NE SE	" LVII	NW SW
" LVIII	NW	NE SE	" LIX	NW NE
" LX	NW	NE		

Also LII and LVIII, 1868 printed from electrotype 1881.

ORDNANCE SURVEY 6 inch: 1 mile. 2nd edition. Ordnance Survey 1902/3. R

Sheet 1	SE	Sheet 3	NE
" 4	NW SW SE	" 5	NW SW NE SE
" 6	NW SW NE SE	" 7	SW NE SE
" 8	NW SW NE SE	" 10	NW SE
" 11	NW SW NE SE	" 12	NW SW NE SE
" 13	NE	" 14	SW
" 15	SW	" 16	NW SW NE SE
" 17	NW SW	" 18	SE
" 19	SW NE SE	" 20	NW SW NE SE
" 23	NW SW NE SE	" 24	NW SW SE
" 25	NW SW NE SE	" 26	NW SW NE SE
" 27	NE SE	" 28	NW SW NE SE
" 29	NW SW NE SE	" 31	NW SW
" 32	NW	" 33	NW SW NE
" 34	NW SW NE SE	" 35	NW SW NE SE
" 36	NE SE	" 37	NW SW NE SE
" 38	NW NE SE	" 39	NW SE
" 40	NW SW NE SE	" 41	NW SW NE SE
" 42	NW SW NE SE	" 43	NW SW NE SE
" 44	NW SW SE	" 45	NW NE SE
" 46	NE	" 47	NW SW NE SE
" 48	NW SW NE SE	" 49	NW SW NE SE
" 50	NW SW NE SE	" 51	SW
" 52	NE SE	" 54	NE SE
" 55	NW SW NE SE		

ORDNANCE SURVEY 6 in: 1 mile 1925 edition. Ordnance Survey 1925. R

Sheet	XLIII NW SW NE SE
	XLIV NW SW NE SE
	L NW SW NE SE
	LI NW and NE (joint) SW
- mounted as one	
Sheet	L NW SW NE SE
	LI NW SW NE
	LVI NW NE
	LVII NW

R

ORDNANCE SURVEY 6 in: 1 mile. 1929 edition. Ordnance Survey, 1925.				R
Sheets	XXXIV	NW SW NE SE	Sheets XXXV	NW SW NE SE
	XLVII	SE	LVII	NW SW
	LVI	NW SW NE SE		
ORDNANCE SURVEY 6 in: 1 mile. 1930 edition. Ordnance Survey, 1930.				R
Sheets	IV	SW	Sheets XIX	NE SE
	XX	NW SW NE SE	XXXVII	NW NE
	XXXVIII	NW SE	XL	NW
	XLVII	NW NE	XLIX	NW SW NE SE
	LIII	NW	LVIII	NW SE
	LIX	NW SW		
ORDNANCE SURVEY. 6 in: 1 mile. 1931 edition. Ordnance Survey, 1931.				R
Sheets	XVIII	SE	Sheets XIX	SW
	XXXVII	SW SE	XXXVIII	SW NE
	XLIV	SW		
ORDNANCE SURVEY. 6 in: 1 mile. 1934 edition. Ordnance Survey, 1934.				R
Sheets	XXXIV	SE	XXXV	SW
ORDNANCE SURVEY. 6 in: 1 mile. Provisional edition. Ordnance Survey, 1947.				R
Sheets	XVI	SE	Sheets XX	NW
	XXI	NE SE	XXXIV	NE SE
	XXXV	NW SW NE SE	XXXVI	NE SE
	XXXVIII	NW	XLIII	NE SE
	XLIV	NW NE SE	L	NW
	LI	NW NE	LVII	NW SW
	LVI	NE		
	LX	NW NE		
- National Grid superimposed				R
	Sheet LIII	SE		
ORDNANCE SURVEY. 6 in: 1 mile. Provisional edition Ordnance Survey, 1962/63.				R
Sheets	ST 70	NW NE SE		
	SX 99	SE		
	SY 68	NE		
	SY 78	SW SE		
	SY 97	NE		
	SZ 07	NW		
ORDNANCE SURVEY. 6 inch: 1 mile. 1969 edition. Ordnance Survey, 1969 to date.				R
	ST 80	SW NE		
ORDNANCE SURVEY 25 in: 1 mile. 2nd edition. Ordnance Survey, 1902.				R
Sheet	I	10-16	Sheet II	9, 13
	III	2-16	IV	1, 2, 5, 6, 9-11, 13-15
	V	8, 10-12, 14-16	VI	5-16
	VII	1-16	VIII	1-16
	IX	6-8, 10 and 6 joint, 11-16	X	5, 6, 9, 10, 13-15
	XI	2-4, 6-8, 10-16	XII	1-16
	XIII	1-16	XIV	1-16
	XV	1-16	XVI	1-16
	XVII	1, 5, 6	XVIII	12, 16
	XIX	7-16	XX	2-16
	XXI	1-16	XXII	1-16
	XXIII	1-16	XXIV	1-16
	XXV	1-16	XXVI	1-7, 9-16
	XXVII	4, 16	XXVIII	1-16
	XXIX	1-16	XXX	1-16
	XXXI	1-16		

Sheet	XXXIII	1-16	Sheet	XXXII	1-16
	XXXV	1-16		XXXIV	1-16
	XXXVII	1-16		XXXVI	4, 8, 16
				XXXVIII	1-16
	XXXIX	1-16		XL	1-16
	XLI	1-16		XLII	1-16
	XLIII	1-16		XLIV	1, 2, 5-7, 9-11, 13-15
	XLV	2-4, 7, 8, 12		XLVI	1-16
	XLVII	1-16		XLVIII	1-16
	XLIX	1-16		L	1-16
	LI	1-3, 5, 6, 9, 10, 13		LII	2-4, 7, 8, 12
	LIII	1-10, 13, 14		LIV	1-8, 12
	LV	1-12, 16		LVI	1-16
	LVII	1, 2, 5, 6, 9, 10, 13		LVIII	1-3, 4-8, 11, 12, 15, 16
	LIX	2, 3		LX	2, 6, 7

Some of these sheets are 1911/12 revisions.

ORDNANCE SURVEY.	25 in: 1 mile.	1924 edition.	Ordnance Survey	1924.	R
Sheet	XLIII	1, 2, 4-6, 8	XLIV	6	
ORDNANCE SURVEY	25 in: 1 mile.	1925 edition.	Ordnance Survey,	1925.	R
Sheet	XLIII	9, 10, 13, 14	Sheet XLIV	3, 4, 7	
	L	2-16	LI	1, 9, 10, 13	
ORDNANCE SURVEY.	25 in: 1 mile.	1927 edition.	Ordnance Survey,	1927.	R
Sheet	XLVIII	6	Sheet XLIX	1, 2, 6	
ORDNANCE SURVEY,	25 in: 1 mile.	1928 edition.	Ordnance Survey,	1928.	R
Sheet	VI	7, 11	Sheet XXXIV	1-3, 5, 7, 9-16	
	XXXV	1, 4-7, 9-11, 13-15	XLIX	3, 4, 8, 10-16	
	LVI	1-16	LVII	1, 2, 5, 9, 13	
	LIX	2, 3			
ORDNANCE SURVEY.	25 in: 1 mile.	1929 edition.	Ordnance Survey,	1929.	R
Sheet	IV	11, 13-15	Sheet VI	16	
	VIII	1, 2	XIX	15, 16	
	XXIV	1-16	XXXVI	4, 8, 12, 16	
	XXXVII	1-12, 15, 16	XXXVIII	1-6, 8, 11, 12, 15, 16	
	XL	1-16	XLVII	2-4, 6-10, 12-16	
ORDNANCE SURVEY.	25 in: 1 mile.	1930 edition.	Ordnance Survey,	1930.	R
Sheet	XVIII	12, 16	Sheet XIX	9, 10, 13, 14	
	XXXVIII	9, 10, 13, 14			
ORDNANCE SURVEY.	25 in: 1 mile	1933 edition.	Ordnance Survey,	1933.	R
Sheet	XLIII	7, 8, 11, 12, 15	Sheet XLIV	2, 5-7, 9, 10, 14, 15	
	LI	1, 5, 6			
ORDNANCE SURVEY.	25 in: 1 mile.	1934 edition.	Ordnance Survey,	1934.	R
Sheet	XXXIV	12, 13, 16	Sheet XXXV	5, 9, 13, 14	
ORDNANCE SURVEY.	25 in: 1 mile.	1936 edition.	Ordnance Survey,	1936.	R
Sheet	XXXIV	6	Sheet XLIII	4-6	
	XLIV	5, 6	XLVII	14	
	LIII	2	LV	5	
ORDNANCE SURVEY	25 in: 1 mile.	1937 edition.	Ordnance Survey.	1937.	R
Sheet	XLIII	12, 16	Sheet XLIV	9, 10, 13, 14	
	L	1	LI	2	
	LIII	3, 6, 7, 10			
ORDNANCE SURVEY	25 in: 1 mile.	1938 edition.	Ordnance Survey,	1938.	R
Sheet	XLIII	11	Sheet XLIV	2	
	LIII	1, 4, 5			
ORDNANCE SURVEY	25 in: 1 mile.	1939 edition.	Ordnance Survey,	1939.	R
Sheet	L	2, 5, 6	Sheet LIII	9, 13	
	LVIII	6			

ORDNANCE SURVEY 25 in: 1 mile. 1955 edition. Ordnance Survey, 1955.		R
Sheet SZ 0179	Sheet SZ 0279	
ORDNANCE SURVEY 25 in: 1 mile. 1958 edition. Ordnance Survey, 1958.		R
Sheet SY 6585		
ORDNANCE SURVEY 2½ in: 1 mile. 1958 edition. Ordnance Survey 1958/61		R
Sheet 30/79	Sheet 31/50	
31/60	31/82	
40/19		
ST 30	ST 40	
ST 50	ST 51	
ST 60	ST 61	
ST 62	ST 70	
ST 71	ST 72	
ST 73	ST 80	
ST 81	ST 82	
ST 90	ST 91	
SU 00	SU 01	
SU 02	SU 10	
SY 38	SY 39	
SY 48	SY 49	
SY 58	SY 59	
SY 66	SY 67	
SY 68	SY 69	
SY 77	SY 78	
SY 79	SY 87	
SY 88	SY 89	
SY 97	SY 98	
SY 99	SZ 07	
SZ 08	SZ 09	

Maps No. 860.

ORDNANCE SURVEY. 2½ in: 1 mile. Definitive map of rights of way, Dorset, published by Dorset County Council, 1967 based on Ordnance Survey map for which dates of each sheet are listed. Ordnance Survey, 1958.

Sheet ST 30	Sheet SY 39
ST 40	SY 49
ST 52	
ST 50	SY 59
ST 51	SY 58
ST 60	SY 69
ST 61	SY 67
ST 62	SY 66
ST 70	SY 77
ST 71	SY 68
ST 72	SY 78
ST 73	SY 79
ST 80	SY 87
ST 81	SY 88
ST 82	SY 89
ST 83	SY 97
ST 90	SY 98
ST 91	SY 99
ST 92	SZ 07
SU 00	SU 01
SU 02	SZ 08
SZ 09	SU 10
SU 11	

R
R

- ORDNANCE SURVEY. 2½ in: 1 mile. Second series. Ordnance Survey, 1967. R
 Sheet SY 88/98 SY 68/78 SY 67/77
 SZ 08 SY 87/97 SY 89/99
- ORDNANCE SURVEY. Wareham. Southampton: Ordnance Survey, 1970. Scale 2½ in: 1 mile. R
 Second Series SY 88/98. / folded map/.
- ORDNANCE SURVEY. Weymouth (north). Southampton: Ordnance Survey, 1969. Scale 2½ R
 in: 1 mile. Second series SY 68/78. / folded map/.
- ORDNANCE SURVEY. Worth Matravers. Southampton: Ordnance Survey, 1968. Scale R
 2½ in: 1 mile. Second Series SY 87/97. / folded map/.
- OWEN, J. / map of/. Dorsetshire. Scale 15/16ths in: 12 miles by J Owen and E Bowen. R
 / from Britannia Depicta or Ogilby improved/. 1720. Coloured. Map No. 226.
- OWEN, J. The road from Exeter to Dorchester by J Owen and E Bowen. / from Britannia R
 Depicta, or Ogilby improved/. 1720. Coloured. Plates 253, to 256 of Britannia Depicta.
 Map No. 228.
- OWEN, J. The road from London to Weymouth, by J Owen and E Bowen / from Britannia R
 Depicta/ 1720. Scale 1 inch: 10 miles. Coloured. Map No. 225.
- OWEN, J. Road map, Sherborne by J Owen and E Bowen. / from Britannia Depicta or R
 Ogilby improved/ 1720.
- PHILIP, George. Dorsetshire, botanical map. London: Philip and son, 1895. / from R
 Mansel-Pleydell's Flora of Dorsetshire/.
- PICTORIAL Map of Dorset. Worcester: Littlebury, 1966. Scale not given. / folded map/. R
 PICTORIAL WORLD. Map of Dorsetshire, 1880. Scale not given. R
- PIGOT, James and Co. Dorsetshire. Pigot and Co, 1839. Scale 2 1/8 in: 1 mile (View R
 of Sherborne Church in corner of map. Date of original edition 1831). Map No. 440.
- ROBINSON, C. Dorsetshire reduced from the Ordnance Survey, showing parliamentary R
 divisions and railways and stations. 1870. Scale 1 inch: 3 miles. Map No. 548.
- ROWE, R. A new map of the County of Dorset: divided into hundreds. 1813. / In Hutchin's R
 History of Dorset 2nd ed. front of Vol. 1/.
- SAXTON, Christopher. Dorsetshire: Saxton's map 1575. London: HMSO, 196-. R
- SELLER, John. Dorsetshire / from Supplement to the antiquities of England and Wales R
 by F Grose. London: Hooper, 1777/87/ Scale 8/12ths in: 5 miles. coloured. Map No.
 280.
- SELLER, John. A map of Dorsetshire 1695 / from Anglia Contracta. London 1695/. R
 Coloured. Map No. 181.
- SIMON, J B. Dorset. Grimsby: Roy Faiers, 1967. (Historical counties of England maps). R
- SIMONS, Matthew. Map of Dorsetshire. / from a book of the names of all parishes . . . R
 London: Garrett, 1677/. Scale 7/16ths in: 10 miles. Coloured. Map No. 160.
- SMITH, C. A new map of the County of Dorset divided into hundreds. London: 1801 R
 / from Smith's New English Atlas . . . 1804/. Scale 1: 20275.
- SMITH, W H and Son. Dorsetshire. Bartholomew, 192-. Scale 1 inch: 4 miles. (Title on R
 cover: W H Smith and Sons, reduced Ordnance map of Dorset and Environs).
- SPEED, John. Dorsetshyre with the shyre-towns Dorchester described. London: Dixey and Co, R
 1662. Scale 4.3/8ths in: 10 miles / Overton's imprint erased, and Dicey's added below
 the scale: date altered to 1662 from 1610. Reprinted from Overton's edition of Speed's
 'Theatre of the Empire of Great Britaine 1743/. Map No. 130.
- SPEED, John. Dorsetshire with the shyre-towne of Dorchester described. Joducus Mondius FR
 caelavit Cum privilegio, 1610. / Facsimile entitled on envelope 'Old map of Dorsetshire,
 1610'. York: Porter Prints, 196-/. .
- TAYLOR, Isaac. Dorsetshire, 1765. Six sheets. R
 - reduced from the 1765 edition. London: Faden, 1796. Scale ½ inch: 1 mile. R
- TEESDALE, Henry. Dorset. Teesdale, 1829. Scale 2 5/8ths in: 10 miles coloured. R
 (Shows hundreds and liberties and proposed Dorset and Somerset Canal) Map No. 373.
- TUNNCLIFF, William. A new map of Dorsetshire, 1791. / In a Topographical Survey of R
 the counties of Hants, Wilts, and Dorset/.
- UPTON, Upton Estate map. n. d. (In Dunkin). R

- VAN DER KEERE. Dorcestria 1605. Scale 1 inch to 10 miles. Reproduction on the jacket of Atlas of the British Isles. Lympne Castle: Margany, 1972. R
- VINE, R W. Borough of Weymouth and Melcombe Regis, Chapelhay specified area map showing extent of damage caused by enemy action. Plan No. 2. Weymouth: Borough Council, n.d. Scale 1: 1250. R
- VISITOR'S map and guide to Dorset. Constable, 1971. (Map and information). Scale not given. R
- WALKER, John Charles. Dorsetshire, drawn by R Creighton and engraved by J and C Walker for Lewis' Topographical Dictionary. Lewis, 1831. Scale 2 $\frac{1}{4}$ in: 15 miles, coloured Map No. 390. R
- WALKER, John Charles. Dorsetshire. Walker, 1843. Scale 3 in: 12 miles. Coloured Map No. 480. R
- WALKER, John Charles. Dorsetshire. London: Longman: 1835. Scale 1 inch: 4 miles. Coloured (Shows hundreds and liberties and parliamentary divisions). R
- WALKER, John Charles. Dorsetshire. ∫ Fox-hunting map ∫. London: Walker, n.d. R
- London: Walker, n.d. R
- WALKER, J C. Dorsetshire, showing places of the meeting of fox hounds, 1862. Scale 1 in: to 12 miles. R
- WALLIS, J. Dorsetshire. 1810. Coloured. Scale not given. R
- WALLIS, James. Dorsetshire. 1812. Scale 1 1/8th in: 8 miles. Map No. 333. R
- WARNE, C. Dorsetshire: its Celtic, Roman, Saxon and Danish Vestiges from the personal investigations and researches of C Warne. London: 1866. R
- WELLER, Edward. Dorsetshire 1858 ∫ from the 'Dispatch Atlas' published by the 'Weekly Dispatch' 1863 ∫. R
- WELLER, Edward. Dorsetshire reduced from the Ordnance Survey ∫ from Bacon and Co's new Quarto Atlas of the Counties of England, 1876 ∫. R
- WELLER, Edward. Dorsetshire, reduced from the Ordnance Survey and divided into 5 mile squares. 1876-1884. Scale 3 inches to 10 miles. Map No. 552. R
- WESSEX TOURIST SERVICES. Where to go in Wessex, tourist map. Salisbury: Wessex Tourist Services, 1973. ∫ folded map ∫. R
- WEYMOUTH and Portland, a plan, n.d. Scale 2 in: 5 miles. R
- WHITTAKER, G and W B. Dorsetshire in which every place is laid down containing upward of 40 houses. Whittaker, 1824. Scale 1 inch: 10 miles. R
- WILCOX, John. To the Hon G Dodington, this map is humbly dedicated. ∫ In Coker's Survey of Dorset, 1732 ∫. Scale not given. R

C. CHARTS AND PILOTS

- ADMIRALTY. England - South Coast.
- Berry Head to Portland. Scale 1: 75,000. Chart No. 3315. Admiralty, 1961. R
 - Poole Bay. Natural scale 1: 20,000. Chart No. 2175. Admiralty, 1971. R
 - Poole Harbour. Natural scale 1: 10,560. Chart No. 2611. Admiralty 1961. R
 - Portland Harbour. Natural scale 1: 7,900. Chart No. 2268. Admiralty, 1961. R
 - Portland to Christchurch. Natural scale 1: 75,000. Chart No. 2615. Admiralty, 1961. R
 - Portland to St Alban's Head. Nautical scale 1: 30,000 Chart No. 2610. Admiralty 1961. R
 - Swanage Bay. Natural Scale 1: 10,560. Chart No. 2172. Admiralty, 1961. R
 - Weymouth and Portland. Natural scale 1: 18,200. Chart No. 2255. Admiralty, 1961. R
- ADMIRALTY. Portland to Owers: from the various admiralty surveys by Captain Sheringham, 1848, and Staff Captain J Parsons and the officers of HMS Porcupine, 1878, with corrections to 1921. 6th edition. R
- BELLIN, J N. ∫ Charts of the English coast ∫. Cartes des rades de Portland et de Weymouth. Copie sur celle due Pilote Costier de la Grande Bretagne de Greenville. Collins, 1757. Scale not given. R

- COLES, Kaines Adlard. Pilot to the South coast harbours; with charts by Colin Stewart. 3rd ed. London: Faber, 1962. R
 - 4th ed. 1968. / Shell pilot to the South Coast/. R
- COLLINS, Captain G. Weymouth Bay: from Great Britain's coasting pilot, 1693. Scale 1½ in: 1 mile. Coloured. Map No. 175. R
- ESSO PETROLEUM CO LTD. Cruising guide: Land's End to Swanage. Esso, 1965. Scale not given. R
- ESSO PETROLEUM CO LTD. Cruising guide: Swanage to Selsey Bill, including Weymouth, Esso, 1963. Scale not given. R
- HYDROGRAPHIC DEPARTMENT. Approaches to Portland - Tidal stream atlas. 3rd ed. Taunton: Hydrographic Dept, 1973. R
- IMRAY, LAURIE, NORRIE AND WILSON, Ltd. Warbarrow Bay, Portland to Bridport, with soundings in feet. 1954. Scale 3 1/8th in: 5 miles. Coloured. Map No. 820. R
- STANFORD'S harbour chart, with pilotage notes and harbour information No. H3. R
 Beaulieu River - Bridport. Stanford, 1972. (Stanford's harbour charts for yachtsmen).
 - Lyme Regis - Salcombe. Stanford, 1972. R
- WILSON, W E. Pilots guide to the English. North Foreland to the Scilly Islands. St Ives: Imray, Laurie, Norrie and Wilson, 1968. Illus. R

D. STREET PLANS

Plans are arranged in alphabetical order of place and then in alphabetical order of author.

BLANDFORD FORUM

BLANDFORD BOROUGH COUNCIL. Official street plan of Blandford Forum. Blandford: May, 196-, 1973. R

STREET map of Blandford Forum and its environs, presented by Adams, Rensch and Wright. Town and Country Press, n.d. Scale 1 3/5ths in: ¼ mile. / folded map/. R

BRIDPORT

BRIDPORT BOROUGH COUNCIL. Bridport and West Bay: Street plan. G W May Ltd, 1964. 1 sheet map. Scale not given. R

BRIDPORT, Dorset: street and road maps of the district, presented by Allen and Whitfield. Worthing: Town and Country Press, 1970. Scale 1 inch: 3 miles / folded map/. R

DORCHESTER

BARNETT, G I and Son Ltd. Street plan of Dorchester, revised with road map of Dorset. Barking: Barnett, 1971. / folded map/. R

DORCHESTER RURAL DISTRICT COUNCIL Official plan of Dorchester. G W May. 1960, 1968, 1970, 1971, 1972. R

DORSET COUNTY COUNCIL. Dorchester town map, added by amendment No. 7. Dorchester: the Council, 1965. R

GILLINGHAM

A MAP of Gillingham and district presented by Senior and Godwin. Cheltenham: Mauderley Press, 1970. Scale 2 inches: ½ mile. Reprinted from Ordnance Survey maps. / folded map/. R

POOLE

BURROW, E J and Co Ltd. Reference map and street guide of Poole; published with the approval of Poole Corporation. Cheltenham: Burrow, 1965. R

STREET plan and guide of Bournemouth and Poole (including Christchurch). 11th edition. Service Publications Ltd, 1967. R

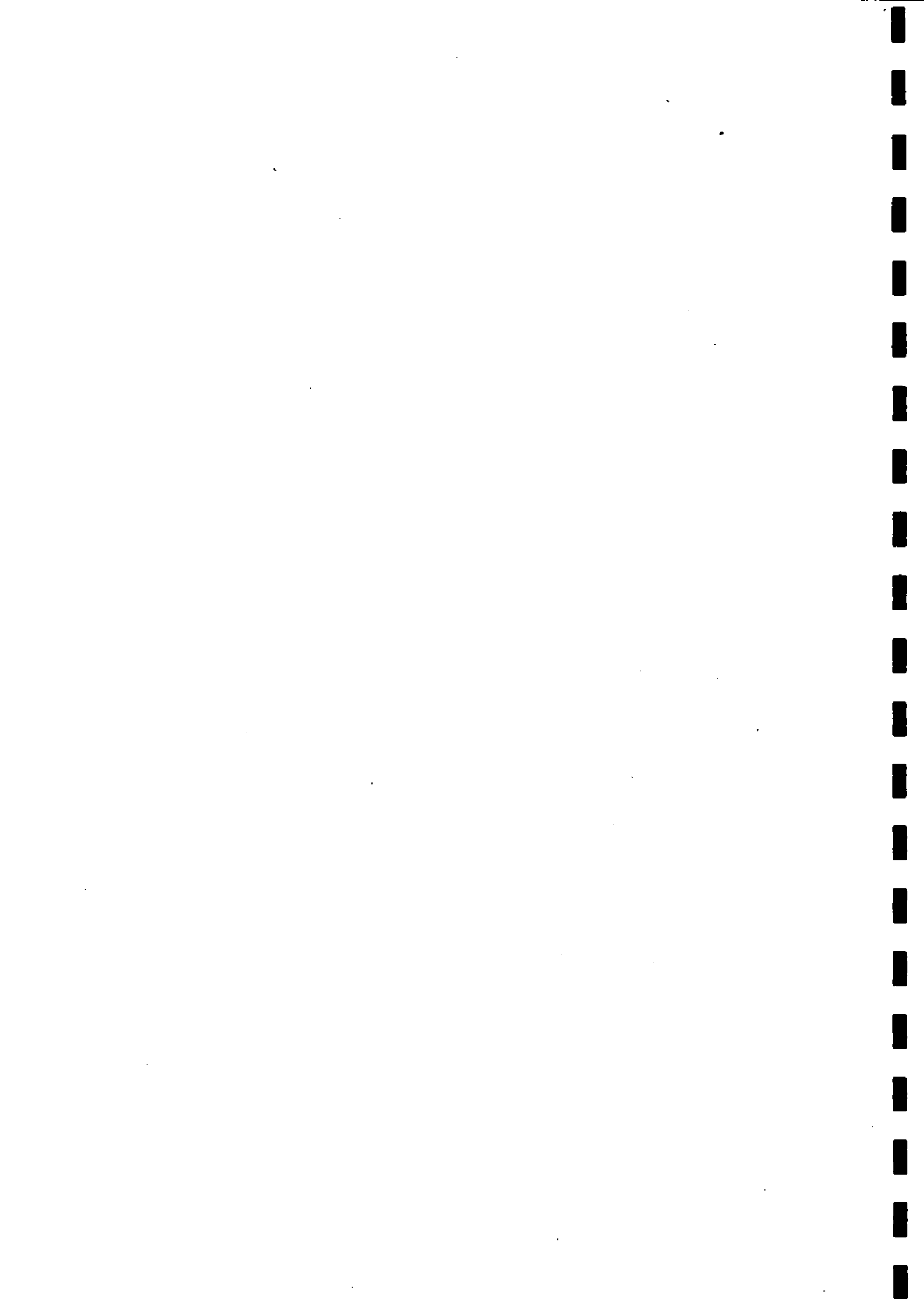
PORTLAND

STREET and district maps of Portland, presented by Duke and Son. Worthing: Town and Country Publications, 1970. Scale 2 inches: ½ mile. / folded map/. R

SHAFTESBURY

DORSET COUNTY COUNCIL. Shaftesbury town centre: draft town centre map. Dorchester: Dorset County Council, 1968. Illus. R

KEAST, Samuel J. A guide to Shaftesbury . . . containing a map of the district. No. 22 of the 'Borough guides'. Cheltenham: Burrow, n.d. Illus. R



APPENDIX 3. A list of proposed analyses in the Stage 2 report.

Data will be tabulated and/or analysed in order to document and/or investigate the following general topics:-

BIOLOGICAL

Sites in the four study catchments.

Species diversity and functional structure at headwater sites.

Contribution of headwater streams to overall faunal diversity in the study catchments.

Biologically derived stream quality and community type, through use of the RIVPACS model. (This will necessarily be an iterative process since RIVPACS itself will, in due course need to be modified to be more effective at dealing with headwaters).

Headwater sites in general, including Countryside Survey data

Classification of good quality headwater sites in the IFE data-base (n = ca.400) to produce a headwater site typology. Headwaters to be defined as sites within 2.5km of the OS 1:50,000 blue line source.

Identification of characteristic headwater taxa. (A re-working of the Stage 1 analysis with a larger data-base).

Rare and conservationally important taxa at headwater sites. (A re-working of the Stage 1 analysis with a larger data-base).

Distribution of headwater quality bands and RIVPACS community types, with particular reference to the ITE land classification system.

ENVIRONMENTAL AND LAND COVER/USE DATA

Sites in the four study catchments.

Environmental characteristics of headwater types.

Land use characteristics of the study catchments:

a) From field survey (upper catchment sites)

b) From ITE interpreted satellite imagery (upper, lower and whole catchment)

c) From the 1990 Countryside Survey national land cover statistics (upper catchment).

River Corridor characteristics and identified perturbation influences in perceived good quality headwater sites.

INTEGRATION OF BIOLOGICAL, ENVIRONMENTAL AND LAND-USE DATA

General

Multi-variate techniques of ordination, classification, discriminant analysis and multi-dimensional scaling will be used, where appropriate, to examine the catchment characteristics which best explain the structure and distribution of invertebrate assemblages in both stressed and unstressed sites. The software packages CANOCO, PATN and FLEXCLUS will be used where appropriate.

Sites in the four study catchments.

Headwater taxon distribution and community structure in relation to:-

- 1) physico-chemical characteristics.
- 2) corridor characteristics.
- 3) identified sources of potential perturbations.
- 4) land-use, to include separate consideration of data from:-
 - a) IFE field survey.
 - b) From ITE interpreted satellite imagery.
 - c) From the 1990 Countryside Survey national land cover statistics.

Headwater sites in general, including Countryside Survey data

Water quality distribution in relation to ITE's derived national land cover statistics.