

Catalogue of the papers and correspondence of

John Sutton FRS

(1919 - 1992)

by Timothy E. Powell and Peter Harper,
NCUACS catalogue no. 75/4/98

Title: Catalogue of the papers and correspondence of John Sutton
FRS (1919-1992), geologist

Compiled by: Timothy E. Powell and Peter Harper

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GENERAL INTRODUCTION

PROVENANCE

The bulk of the papers were received in October 1996 from Mrs Betty Sutton, the second wife and widow of Professor John Sutton FRS. A little further biographical material was made available by Mrs Sutton in July 1998 and this has been indicated in the catalogue.

OUTLINE OF THE CAREER OF JOHN SUTTON

John Sutton was born in Bedford Park, West London on 8 July 1919. He was educated at Gunnersbury Preparatory School, Chiswick, London and King's School, Worcester before entering Imperial College London in 1937 to study geology. He graduated in 1941. During the Second World War Sutton initially served in East Anglia with the Royal Army Ordnance Corps but was later transferred to the Royal Electrical and Mechanical Engineers. He was posted to the Orkneys where he was involved in the improvement of radar.

After the war Sutton returned to Imperial College to take up postgraduate research for his Ph.D. under the supervision of H.H. Read. He was to remain at Imperial for the rest of his career. At Read's suggestion Sutton joined other research students studying the Lewisian Gneiss of north-west Scotland. During this fieldwork he met Janet Vida Watson, the daughter of the palaeontologist D.M.S. Watson and a fellow geology research student at Imperial College. They worked in conjunction on the Lewisian Gneiss and thereafter on other geological problems, co-authoring a number of important papers. In 1949 Sutton and Watson were married. Sutton was appointed to a lectureship in 1948, a Readership in 1956 and in 1958 to a Chair in Geology. In 1964 he became Head of Department, a post he was to hold for ten years. Sutton took over the Department at a time of considerable expansion and was responsible for its international reputation whilst it became one of the largest in Europe. Sutton served as Dean of the Royal School of Mines (part of Imperial College) 1965-1968 and 1974-1977 and Pro-Rector of Imperial College from 1979 to retirement in 1983. Amongst other developments in the Geology Department for which Sutton was largely responsible were the establishment of the Centre for Environmental Technology (Sutton was its first Chairman and a Senior Research Fellow) and the Centre for Remote Sensing, a scientific development in which he took a keen interest.

Sutton was President of the Geologists' Association 1966-1968 and also served as a Trustee of the British Museum (Natural History) 1976-1981 and as a member of the Natural Environment Research Council 1977-1979.

Sutton's principal contribution to geology was his work on the Lewisian Gneiss. He and Janet Watson collaborated closely in this work and their findings were published jointly. The Precambrian Lewisian rocks contain no fossils and exhibit few sedimentary sequences. It is therefore extremely difficult to establish the relationships by which rocks can be dated. Sutton and Watson demonstrated that it is necessary to use metamorphic events rather than stratigraphic sequences to establish relationships and identified a number of basic dykes, an older metamorphic episode predating the dykes (the Scourian) and a more recent geological episode (the Laxfordian) later than the dykes. This was controversial at the time but the discovery was to represent a new technique for understanding Precambrian geology.

In recognition of his contributions to geology the Geological Society of London awarded Sutton the Moiety of the Lyell Fund in 1954 (jointly with Janet Watson), the Bigsby Medal in 1965 (with Watson) and the Murchison Medal in 1975. Sutton was elected to the Fellowship of the Royal Society in 1966 (Vice-President 1975-1977). He died on 6 September 1992, being survived by his second wife Betty (née Middleton-Sandford) whom he married after the death of Janet Watson in April 1985.

DESCRIPTION OF COLLECTION

The material is presented in the order shown in the list of contents. It covers the period 1910-1995.

Mrs Sutton left many comments identifying the papers appended to or inscribed on the papers. Reference to such comments is indicated in the catalogue in the form '(BS)'.

Section, A, Biographical, includes obituaries and reminiscences of Sutton. Sutton's childhood and schooldays are documented and there is a little material relating to his undergraduate studies. There are papers relating to his career including wartime service, and of some of the honours he was accorded. There is significant family material, particularly of his father Gerald John Sutton, an engineer and inventor. It includes a sequence of his patents 1928-1958. Financial material records Sutton's extensive work as an examiner for his own and other universities, as a referee for scientific journals and his work for the BBC as a broadcaster and adviser. There are also photographs of Sutton, some with Janet Watson, and material relating to Sutton's family background.

Section B, Notebooks, covers the period 1940-1992. The notebooks used up to the late 1960s are chiefly geological field notebooks and a number include notes by Janet Watson. The notes therein include observations, sketches and plans and lists of specimens. These include a set of notebooks recording work in Greenland 1965-1969. From the late 1960s on the content is increasingly diverse and alongside geological observations may include notes on proceedings of conferences and

sketches of scenery, plants and people as well as of geological phenomena, many from visits overseas for conferences and meetings.

Section C, Notes and drafts, chiefly comprises notes for and drafts of publications or work intended for publication dating from the late 1930s to very shortly before Sutton's death. Some of the material bears Janet Watson's handwriting, attesting to the collaborative nature of much of their work. There are also drafts by others and a little printed material.

Section D, Visits and conferences, is slight but supplements to some extent the material in the later notebooks in section B including documentation of a number of Sutton's visits to China. It covers the period 1957, 1970-1992.

Section E, Correspondence, is principally two sequences of letters 1948-1960 and 1961-1992, assembled by Mrs Sutton and arranged in chronological order. In addition to scientific and personal correspondence there are papers for conferences and from societies and organisations. Principal correspondents are E.B. Bailey, M.J. Fleuty, A. Holmes, J.L. Knill, J.G. Ramsay and H.H. Read. There is also additional correspondence 1939-1989 and contents of an envelope of postcards. The correspondence is almost entirely incoming.

Section F, Non-textual material, includes hand-drawn maps of the Loch Torridon area of Scotland, a sequence of aerial photographs of the Greenland coast. There are also two cine films and a sound tape of his Bennett Lecture to the Geologists Association.

There is also an index of correspondents.

LOCATIONS OF OTHER MATERIAL

Given the collaborative nature of much of Sutton and Janet Watson's work, users of the present catalogue may also wish to refer to the *Catalogue of the Papers and Correspondence of Janet Vida Watson* (NCUACS no. 48/4/94, Bath, 1994), deposited in the Library of the Geological Society of London.

ACKNOWLEDGEMENTS

We are grateful to Mrs Sutton for assembling the papers and making them available for cataloguing and for her helpful comments and identifications of material.

T.E. Powell
P. Harper
Bath 1998

SECTION A

BIOGRAPHICAL

A.1-A.145

A.1-A.21	BIOGRAPHICAL AND AUTOBIOGRAPHICAL
A.22-A.39	CAREER, HONOURS AND AWARDS
A.40-A.92A	FAMILY
A.93-A.103	FINANCIAL
A.104-A.142	PHOTOGRAPHS
A.143-A.146	MISCELLANEOUS

Biographical

A.1-A.21 BIOGRAPHICAL AND AUTOBIOGRAPHICAL

A.1-A.8	Obituaries and tributes
A.9, A.9A	Biographical notes
A.10-A.18	Childhood and schooldays
A.19-A.21	Undergraduate

A.1-A.8 Obituaries and tributes

A.1 'John Sutton', by J.S. Spring, *Biographical Memoirs of Fellows of the Royal Society* **41** (1995), pp 441-456.

Offprint; letter from Mrs Betty Sutton to R.C. Selley (author of *The Times* obituary) sent with an offprint of the *Memoir*, 11 February 1996.

A.2 Notice of death and obituary (by R.C. Selley) from *The Times*, 15 September 1992.

Obituary by J.M. Moore from the *Guardian*, 18 September 1992.

A.3 Obituary by J.M. Moore and R.C. Selley from 'Geologic', Imperial College London Department of Geology newsletter, no. 341 (2 October 1992), p 6.

Obituary by J.M. Moore from 'Network', Imperial College London newsletter, November 1992, p 2.

A.4-A.6 Letters of condolence and letters *re* memorial symposia (see A.7, A.8), 1992-1995.

In chronological order.

Many have personal reminiscences of Sutton. Some bear Mrs Sutton's annotations identifying the sender and their relationship to Sutton.

A.4 1992 September

A.5 1992 September - October

Biographical

- A.6 1992 November - 1995.
- A.7 De La Beche Annual Symposium on Precambrian Evolution of the Earth, 'Dedicated to the memory of Prof. J. Sutton', Imperial College London, 25 February 1993.

Programme.
- A.8 Meeting on Early Precambrian Processes 'in memory of Professor John Sutton FRS', Imperial College London, 27-28 September 1993.

This memorial meeting for Sutton was attended by around 300 of his colleagues and former students from around the world. The proceedings of the meeting were subsequently published as a memorial volume to Sutton.

Programme; report of the meeting by J. McCall, *Geoscientist* 4 (1993), pp 17-19; copy of foreword to *Early Precambrian Processes*, ed. M.P. Coward and A.C. Ries (Geological Society Special Publication no. 95, London 1995).
- A.9, A.9A Biographical notes**
- A.9 Miscellaneous material assembled by Mrs Sutton.

Includes biographical notes on Sutton compiled by Mrs Sutton; notes from Watson's diary (see also A.88); correspondence *re* disposition of his papers 1993.
- A.9A Photocopy of list of drafts and publications by Sutton prepared by Mrs Sutton.
- A.10-A.18 Childhood and schooldays 1919-1937**
- A.10 Charts showing Sutton's increase in weight from birth July 1919 to August October 1921.

Notes at bottom of charts record other events in his physical development.
- A.11-A.13 Gunnersbury Preparatory School, Chiswick, London.

Sutton was educated at Gunnersbury School, 1927-1932
- A.11 School reports, 1927-1932.

Biographical

- A.12 Medical and dental health reports 1927-1930.
- A.13 Copy of Royal Drawing Society certificate in drawing, June 1928; programme for series of school plays, December 1928 (Sutton played the parts of Oliver Breakwell and the Cannibal Queen in 'The Dormitory Dreams').
- A.14-A.18 King's School, Worcester.

Sutton was educated at the King's School 1933-1937.
- A.14 Brochure for School, n.d.
- A.15 Oxford and Cambridge Schools Examination Board School certificates, December 1934.

Sutton passed in English, History, Latin, Elementary Mathematics and Physics-and-Chemistry.

Oxford and Cambridge Schools Examination Board School Board certificate, July 1937.

Sutton passed separate examinations in Physics and Chemistry.
- A.16 Royal Life-Saving Society Intermediate Certificate, July 1935.
- A.17 Officer Training Corps Certificate, March 1936.
- A.18 Programme for school play 'Richard of Bordeaux, April 1937 (Sutton played the part of Thomas, Lord Mowbray).

Copy of programme for school play 'Murder in the Cathedral', n.d. (Sutton played the First Tempter).

Copy of programme for Malvern Theatre performance of 'Saint Joan' with Wendy Hiller as Joan, n.d. (Sutton played the part of Warwick's page).

Biographical

A.19-A.21 Undergraduate

A.19 Correspondence from University of London *re* Matriculation Examination, July 1936, October 1937, and correspondence from Imperial College *re* Entrance Examination, 1937.

A.20 Pass lists for students 1939, 1941; Physical Geology examination paper June 1940.

A.21 Notification of graduation and B.Sc. certificate, August 1941.

A.22-A.39 CAREER, HONOURS AND AWARDS 1939-1989

A.22-A.28 Wartime service

Following graduation Sutton joined the Royal Army Ordnance Corps and served in East Anglia. Sutton later transferred to the Royal Electrical and Mechanical Engineers and was posted to the Orkneys where he worked on improvements in radar. He was promoted to the rank of Captain.

A.22 Correspondence and papers *re* mobilisation 1939.

A.23 Correspondence and papers 1941.

A.24 Miscellaneous regulations etc *re* pay, promotion and uniform.

A.25 Papers *re* Disability Pension, 1945-1947, n.d.

A.26 Papers *re* Court Martial duty, training instruction duty and daily orders, June-August 1946.

A.27 Letter *re* release from active military duty, 16 October 1946; papers *re* reservist status 1948, 1952.

Biographical

- A.28 'Allied Geologists in the Second World War' by Sutton, *Royal Engineers Journal* **94** (1980), 9-13.
- A.29 Correspondence and papers *re* Ph.D. studies, 1947-1948.
- A.30 Salary slips 1948, 1950.
- A.31 Notification of appointment to Readership in Geology, 31 January 1956.
- A.32-A.35 Election to Fellowship of the Royal Society, 1966.
- A.32 Letter from Royal Society *re* election, 17 March 1966; cuttings from *The Times*, March 1966.
- A.33-A.35 Letters of congratulation, March-June 1966, n.d.
Arranged in chronological order.
3 folders.
- A.36 Notes on organisation of Imperial College London, July 1978 inscribed 'Notes by J. Sutton when he was Dean of I.C.' (BS).
- A.37 Book of citations from Fellows Dinner, Imperial College London, June 1989.
Sutton was admitted as a Fellow of the College in 1985.
- A.38, A.39 Certificates, 1941-1975.
- A.38 Royal College of Science Diploma in Geology, 1941.
Imperial College Diploma in Geology, 1949.
University of London, Ph.D., 1949.
Geological Society Lyell Fund for 1954 (jointly to Sutton and Janet Watson).
Fellowship of the Royal Society, 1966.

Biographical

- A.39 University of London D.Sc., 1966.
Honorary Fellowship of the Edinburgh Geological Society, 1967.
Geological Society Murchison Medal, 1975.

A.40-A.92A

FAMILY

- A.40-A.78 Gerald John Sutton (father)
A.79-A.84A Kathleen Alice Sutton (née Richard) (mother)
A.85-A.87 Dr Nora Helen Spens (née Sutton) (sister)
A.88-A.91 Janet Vida Watson (first wife)
A.92, A.92A General family material

A.40-A.78

Gerald John Sutton (father)

G.J. Sutton (1881-1958) was an inventor and engineer.

- A.40 Mounted photograph of G.J. Sutton, *ca* 1910.
- A.41 Correspondence between G.J. Sutton, N. Sutton (?cousin), H.M. Bowden (cousin) and others *re* G.J. Sutton's home Southside, Cobham, Surrey, 1937-1949.
- A.42 Volume 13 (1939) of '600', the monthly magazine of George Cohen Sons & Co. Ltd.
G.J. Sutton is mentioned as winning the first prize for a limerick (page 7).
- A.43-A.78 'Patents Provisional & Complete'. Contents of folder so inscribed. Papers and correspondence *re* provisional and patents prepared by G.J. Sutton. Arranged by date of application.
- A.43 'Improvements in or relating to Pleating Devices' by Mary Hamilton and G.J. Sutton. 1928.

Biographical

- A.44 'Improvements in or relating to appliances or devices for forming, shaping, truing and reconditioning grinding wheels or discs', 1931.
- A.45 'Improvements in or relating to Closures for Bottles or like Receptacles'. 1932.
- A.46 'Improvements in or relating to means for delivering material in quantities of predetermined weight'. 1933.
- A.47 'Improvements in or relating to drying'. 1933.
- A.48 'Improvements in or relating to the edging of Fabrics or other materials'. 1933.
- A.49 'Improvements relating to vacuum cleaners'. 1934.
- A.50 'Improvements in Appliances for Washing Clothes'. 27 November 1934.
- A.51 'Improvements in devices for holding together sheets of material'. 1935.
- A.52 'Improvements in or relating to spray diffusers and the like' by F.L. Coleman and G.J. Sutton. 1935.
- A.53 'Improvements in or relating to the transfer of sheet like elements from one place to another'. 1935.
- A.54 'Improvements in skipping ropes'. 1936
- A.55 'Improvements in expanding brakes and clutches'. 1936.
- A.56, A.57 'Improvements in or relating to safety razors'. 1937.
2 folders.

Biographical

- A.58 'Improvements in band strapping machines' by G.J. Sutton and Security Strapping Ltd. 1938.
- A.59 'Improvements in mechanical methods of remote control' by G.J. Sutton and H.M. Bowden. 1938.
- A.60 'Improvements in or relating to the manufacture of chains'. 1938.
- A.61 'Improvements in or relating to the manufacture of chains, chain-mail and the like', by L.J. Pratt and G.J. Sutton. 1939.
- A.62 'Improvements in devices for cutting wires, rods and the like'. 1946.
- A.63 'Improvements in the production of milk cartons and blanks therefor' by Campbell Engineering Co. Ltd and G.J. Sutton. 1946.
- A.64 'Improvements in or relating to the production of artificial flowers or the like' by Royal British Legion Poppy Factory and G.J. Sutton. 1947.
- A.65 'Improvements in systems for sorting marked articles'. ca 1949.
- A.66 'Improvements in or relating to apparatus for separating and delivering predetermined measured volumes of liquid from a liquid supply' by Bentima Co. Ltd and G.J. Sutton'. ca 1949.
- A.67 'Improvements in or relating to the removal of stapled tabs'. ca 1949.
- A.68, A.69 'Improvements in or relating to the identification of articles in connection with laundry or like processes'. 1950.
- 2 folders.

Biographical

- A.70 'Improvements in or relating to the weighing of liquid streams'. 1951.
- A.71 'Improvements in or relating to Adjustable Clamps'. 1951.
- A.72, A.73 'Improvements in or relating to Devices for Collecting Fallen Leaves or the like'. 1956.
2 folders.
- A.74 Correspondence with Linoleum Manufacturing Co. Ltd *re* patents for the company, March - August 1958.

G.J. Sutton was retained as an inventor by the company. The correspondence includes a list of schemes on which G.J. Sutton was working, 31 March 1958. He died in August 1958.
- A.75 Improvements in 'The delivery of materials in units of predetermined weight'.
N.d.
- A.76, A.77 Sketch and miscellaneous printed material *re* the 'Baxi' Patent Fire and related.
2 folders.
- A.78 Miscellaneous material: manuscript note of patent numbers 1922-1935; correspondence *re* patents.
- A.79-A.84A Kathleen Alice Sutton (née Richard) (mother)**

The material at A.84A was received in July 1998.
- A.79 Sutton's childhood letters to his mother 1927-1936.

Also includes a few to his father.

Biographical

- A.80 Sutton's letters to his mother from Orkney, 1943.
- Sutton was posted to Orkney with the Royal Electrical and Mechanical Engineers. His letters mostly concern bird-watching and other natural history interests.
- A.81 Sutton's postcards to his mother 1947-1954.
- Most of the cards were sent from holidays abroad.
- 9 postcards.
- A.82, A.83 Sutton's letters to his mother 1948-1965, 1967.
- A.82 1948, 1965, 1967.
- 1967 letters are from Greenland.
- A.83 1950. Letters from East Africa.
- Includes letters from Janet Watson to Sutton's mother.
- A.84 Letters to Sutton from his mother 1965, n.d.
- A.84A Letters to K.A. Sutton from H.J. Richard (her father) and Edith Donohue (her aunt), 1924.
- A.85-A.87 Nora Helen Spens (née Sutton) (sister) 1948-1982**
- Dr Nora Sutton married Paul George Spens, son of Lord Spens, and pursued a medical career in the US.
- A.85 Sutton's letters to his sister 1948, 1950, n.d.
- A.86 Two newspaper cuttings *re* marriage, 1956; letter to Sutton's mother from Dorothy Spens (mother of P.G. Spens), 15 July 1956; letter from Nora Spens on her honeymoon voyage, 6 November 1956.

Biographical

- A.87 Press cuttings featuring Nora Spens, 1961, 1982.
- A.88-A.91 Janet Vida Watson (first wife) 1948-1970**
- A.88 Photocopied extracts from J.V. Watson's diary for 1948, 1954, 1955, with covering letter from Dr N.H. Spens (Sutton's sister) to Mrs B. Sutton, 31 March 1996.

Dr Spens holds Watson's diary.
- A.89 Hardback notebook used from the front for drafts of poems by J.V. Watson 1951-1952 and from the back for draft of Report for the 1851 Commission (includes some notes in Sutton's hand).
- A.90, A.91 Letters from Sutton to Janet Watson 1948-1970
- A.90 1948.

Includes one letter from Watson to Sutton 2 July.
- A.91 1950-1970.

Includes 1950 poem from Watson to Sutton.
- A.92, A.92A General family material**
- The material at A.92A was received in July 1998.
- A.92 Notes, photocopied papers etc *re* history of Sutton and Richard families.

Includes material *re* Sutton & Sons, seed merchants; family tree of Richard family; and copy of typed extracts from D. Richard's letters home during the First World War.
- A.92A Account of H.J. Richard in Public Works Department of India, *Indian Engineering*, 5, 12, 19 January 1924.

Biographical

A.93-A.103

FINANCIAL

Contents of two folders: bills, receipts and records of payments 1942-1979, n.d.

This material documents Sutton's role as an internal (University of London) and external examiner, a referee for *Nature* and other journals, his work for the BBC, and other activities which are otherwise largely undocumented in the collection.

A.93-A.97

Contents of folder divided into six for ease of reference. 1942-1979, n.d.

The folder was inscribed 'Temporary Income Tax File', 'Names of PhD students' and 'All contents show work experience Reviews/papers BBC' (BS).

A.93

Manuscript notes on finances 1962-1965.

A.93-A.97

Bills, receipts, payments etc. 1942-1979, n.d.

5 folders.

A.99-A.103

Contents of folder divided into five for ease of reference. 1966-1979, n.d.

The folder was inscribed 'These bills show dates of work for BBC etc, payments for magazines contributed to, examination fees home + abroad, papers and contributions to books written' (BS).

A.104-A.142

PHOTOGRAPHS

A.104-A.132

Photographs of Sutton

A.133-A.139

Photographs of relatives

A.140-A.142A

Other biographical photographs

Biographical

A.104-A.132 Photographs of Sutton *ca* 1930-1992

Most of the photographs have inscriptions on the back by Mrs Sutton identifying Sutton and others. The dates given thereon have been used to arrange the photographs.

The material at A.116A was received in July 1998.

A.104 Gunnersbury School Class photograph, *ca* 1930.

A.105 Aged 11, 1931. 2 photographs.

A.106 In school play, 1934

A.107 Class photograph, 1935.

The photograph has been printed as a postcard with a note from Sutton to his sister on verso.

A.108 Aged 16 and 17, 1936. 2 photographs.

A.109 On geological field trip December 1940.

A.110 Mounted group photograph of Sutton in uniform *ca* 1941-*ca* 1946.

A.111 Sutton and Watson on geological field work, 1948.

A.112 Mounted group photograph taken outside Imperial College *ca* 1948.
Also features Janet Watson and H.H. Read.

A.113 Sutton, Watson and others on geological field work, *ca* 1948-*ca* 1950.

Biographical

- A.114 Group photograph, *ca* 1950s.
Also features Watson and H.H. Read.
- A.115 Sutton, Watson and others on geological fieldwork, 1950s.
- A.116 Visit to Moscow, USSR, 1957. 2 photographs with covering letter.
See also B.33.
- A.116A Sutton and others on field trip during meeting of Association pour l'Etude Géologique des Zones Profondes de L'Ecorce Terrestre, Scotland, 1957.
Also includes brief correspondence arising, October 1957.
- A.117 Centenary Dinner of the Geologists' Association, 11 November 1958.
- A.118 Visit to 'C.R. Rao [...] [?Indian Statistical Institute], *ca* 1960.

Sutton, Watson and another inspecting dinosaur skeleton, found with preceding. 2 photographs.
- A.119 Royal School of Mines, 1962. 2 photographs.
- A.120 Sutton, Watson and others during visit to Rajasthan, India, January 1965. 5 colour photographs.
See also B.53, B.54.
- A.121 Photographs from Greenland *ca* 1965-1967. 3 photographs.
- A.122 Group photograph, Kuala Lumpur, 1966.

Biographical

- A.123 International Geological Correlation Programme Symposium on Correlation of the Precambrian, USSR, 21 August - 9 September 1975. 2 photographs.
- A.124 Imperial College ?degree congregation, 1975.
- A.125 ?Imperial College function, *ca* 1975.
- A.126 Visit to China 1976. 3 photographs.
- A.127 ?Royal Society meeting, *ca* 1976. 2 photographs.
- A.128 With P.D. Shore MP, (Secretary of State for the Environment 1976-1979), *ca* 1976.
- A.129 Visit to Pakistan, *ca* 1976-1979. 3 photographs.
The dating is derived from the inscription on the verso. Sutton visited Pakistan in 1983, see D.14.
- A.130 Visit to China, 1977. 3 photographs.
- A.131 At the Cottage, Cornwall, 1986.
- A.132 Sutton and Betty Sutton, Derek and Renee Ager, June 1992.
- A.133-A.139B Photographs of relatives**
- The photographs at A.139A and A.139B were received in July 1998.
- A.133 D.M.S. Watson (father-in-law) in naval uniform, First World War.
- A.134 D.M.S. Watson, March 1945.

Biographical

- A.135 D.M.S. Watson, *ca* 1966. 2 photographs.
With covering letter from G.H. Findlay to K.M. Watson (mother-in-law), 21 October 1966.
- A.136 Janet Watson as a child, *ca* 1926.
- A.137 School or university photograph, featuring Janet Watson, *ca* 1942-1943.
- A.138 Nora Helen Spens (sister), n.d.
- A.139 Betty Middleton-Sandford (later Sutton) (2nd wife), 1965.
- A.139A John and Mary E. Sutton (grandparents), Tilehurst, Reading, Berkshire, *ca* 1927.
- A.139B Henry Joseph Richard (maternal grandfather), n.d.

Kathleen Alice Richard (mother), n.d.

Copy of photograph of the Richard family (Kathleen Alice and her siblings), n.d.
- A.140-A.142A Other biographical photographs**

The photographs at A.142A were received in July 1998.
- A.140 Childhood home, Bedford Park, London.
- A.141 Officers and Bureau of the 18th Session of the International Geological Congress, Royal Albert Hall, London, 1 September 1948. With key (A.142).
- A.142 Key to preceding.

Biographical

A.142A Home of great grandmother, Bellair, Cork, Ireland.
Annotated on verso by Sutton, January 1988.

A.143-A.146 MISCELLANEOUS

A.143 Newspaper cuttings recording: the award to Sutton and Janet Watson of the Geological Society's Bigsby Medal, 1965; appointment of Sutton to the Independent Broadcasting Authority, 1979; Sutton's views on deep-drilling, n.d.

A.144 Incomplete draft of 'Orogenies, polar wandering, reversals and plate tectonics' by H. Spall, with reference to Sutton's work on p.3.

A.145 Typescript questions on science for British Broadcasting Corporation Radio 4 broadcast 'Dial-a-scientist', 19 December 1975.

Typescript questions on science for ?similar broadcast.

A.146 Copy of 2pp manuscript list of 'Some of John Sutton's journeys [1956-1985]. Record made from Flight Tickets' (BS).

SECTION B

NOTEBOOKS

B.1-B.97

The notebooks used up to the late 1960s are chiefly geological field notebooks. The notes therein include observations, sketches and plans. lists of specimens. These include notebooks from work in Greenland 1965-1969. A number of notebooks include notes by J.V. Watson. From the late 1960s on the content is increasingly diffuse and alongside geological observations may include notes on proceedings of conferences and sketches of scenery, plants and people as well as of geological phenomena, many from visits overseas for conferences and meetings. At B.95, B.96 are notebooks of P.G. Cooray used for work on Harris 1951. The notebook at B.97 was used for notes relating to Sutton's Pro-Rectorship of Imperial College London.

References to Mrs Sutton's inscriptions identifying material are in the form (BS).

- B.1 Hardback notebook inscribed on front cover 'Malvern Jan 1941 Coniston Apr-May 1941' and inside front cover 'Malvern Pre-Cam-Sil Dec 1940'. Used from the front for notes on geology of Malvern Hills, Herefordshire and Worcestershire (especially Hereford Beacon) 4-16 December 1940 (paginated 1-39), Coniston Fells, Cumbria (incompletely paginated 41-69), 'Co. Donegal March-April 1947' (incompletely paginated 1-35), and at the back for miscellaneous notes and sketches including 'North Wales March 1953' and 'Isle of Wight 19 Apr 53'.
- Envelope containing 4 photographs and 2 negatives intercalated.
- B.2 Hardback 'Sketchbook'. Used from front for notes on work at Coldbackie and Bettyhill, Sutherland, September 1946 and from the back for notes, 5 -21 July [1947].
- B.3 Hardback notebook inscribed on front cover 'S.1 0000 2622' and inside first page 'Shieldaig Peninsular 5 May 47-June'. Used for notes on work at Shieldaig, Ross and Cromarty.
- B.4 Hardback notebook inscribed on front cover 'S.2 2624 []' and inside front cover 'J. Sutton Shieldaig Ph.D Fieldwork 1947'. Used for notes on work at Shieldaig, Ross and Cromarty from June 1947.
- B.5 Hardback notebook inscribed on front cover 'Balgy 00.00-44.44 B' and on back cover 'Diabaig BALGY 00.00-44.44'. Used from the front for notes on Balgy and from the back for notes on work at Diabaig and Balgy, near Loch Torridon, Ross and Cromarty, from November 1947.

Notebooks

- B.6 Hardback notebook inscribed on front cover 'D2' and inside front cover 'John Sutton FRS 1948' (BS). Used from the front and the back. Includes notes on work near Loch nan Tri-eileanan and Loch Diabaigas Airde, Ross and Cromarty, and at back on work on Isle of Rona.
- B.7 Hardback notebook inscribed on front cover '1948'. Used from front for notes on work near Loch 'Vallich' [Bhealaig], Diabaig and Shildaig, Ross and Cromarty, from 15 May and at back for notes on work at Ardheslaig, Ross and Cromarty.
- B.8 Hardback notebook inscribed on inside cover 'Bergen, Oslo, Bygdin [...] Aug 1948'. Used for notes on visit to Norway 5-18 August 1948 and notes on work at Achanalt and area north of Loch Fannich, Ross and Cromarty, 19 June -13 July 1952.
- Intercalated loose is manuscript 'Note by [?Carl] Bugge, 17 August 1948'.
- B.9 Hardback sketch book used from the front for notes on work at the Lizard, Cornwall, paginated 1-46, 29 December 1948-2 January 1949 and at back for notes on work in area north of Loch Fannich, Ross and Cromarty, 19 June -3 July 1952.
- B.10 Hardback sketch book inscribed on front cover 'Scardroy 1949'. Used from the front for notes from work at Achnasheen, Ross and Cromarty, 29 June - 2 July 1949 and from the back for notes on work at the Lizard, Cornwall, 29 December 1948 - 2 January 1949, 'Achnasheen specimens', August 1949.
- Some notes in J.V. Watson's hand.
- B.11 Jotter-style notebook used for bibliographical references, arranged in two alphabetical sequences. Latest bibliographical reference 1948.
- B.12 Hardback notebook with Imperial College London label on front inscribed 'Finnish words at back'. Used from the front for notes on the literature and at the back for list of Finnish words of geological significance. Latest bibliographical reference 1948.
- Intercalated loose at front are manuscript notes on the literature.

Notebooks

- B.13 Hardback sketch book inscribed on front cover 'Scardroy 1949'. Used from the back for notes and sketches from work on ?Skye, 30 June 1949, notes on work at Morar, Inverness-shire, 10 September 1949 and notes on work at area round Attadale, Ross and Cromarty, from 14 April 1950.
- Some notes in J.V. Watson's hand.
- B.14 Hardback notebook inscribed on front cover 'Sark'. Used from the front for notes on work on Sark, Channel Islands, June 1949 and 1951, notes on 'Faults' 1954; Islay, May-June 1957, and from the back for notes on Moines and Lewisian, July 1949.
- Some notes in J.V. Watson's hand.
- B.15-B.17 Notebooks from Tanganyika 1950.
- B.15 Hardback sketch book Inscribed inside front cover 'Tanganyika' and on back cover 'Mgambo'. Used for notes on work in Tanganyika July - August 1950 and notes and sketches from work in Connemara, Ireland, March 1952.
- B.16 Hardback jotter-style notebook used from the front for notes on work round Karema and Mgambo, Tanganyika July - August 1950, and April 1957, and from the back for notes on work at Sandhaven, Aberdeenshire, August 1953
- B.17 Hardback jotter-style notebook used from the front for notes on work in Tanganyika July - August 1950, and from the back for notes on work on Sark, July-August 1951.
- Some notes in J.V. Watson's hand.
- B.18 Hardback notebook inscribed inside front cover ' "Zone of pegmatites" Coastal sections of Arid Thorrisdail'. Used for sketches and graphs, including graphs from samples of quartz from Tanganyika, ?1950.
- Mostly in J.V. Watson's hand.
- B.19 Hardback sketchbook inscribed on front cover 'Fannich 1952'. Used for notes on work in Ross and Cromarty July 1952.

Notebooks

- B.20 Notebook inscribed on front cover 'Banff'. Used from the front for notes on work in Banffshire 25-31 July 1953 and 10-12 August 1954, paginated 150-224, and at the back for notes on the literature.
- B.21 Hardback drawing book inscribed on front page 'Sark'. Used for notes and sketches on work on Sark, 3-8 April 1954.
- B.22 Hardback sketchbook used from the front for notes on visit to Italy 17-28 September 1954 and from the back for notes on work in Scotland, 8-12 June 1955.
- B.23 Hardback sketchbook used from the front for notes on visit to Italy 17-19 September 1954 and from the back for notes on work on Isle of Harris, Hebrides, 1-2 December and Isle of Skye, Hebrides, April 1959
- B.24 Hardback sketchbook inscribed on front cover 'Spring 1955' used for notes on work in Girvan area, Ayrshire 2 -13 April 1955.
- B.25 Hardback sketchbook inscribed on front cover 'Glenelg etc'. Used for notes on work at Girvan, Ayrshire 2 April, North Devon 29 May and Glenelg, Inverness-shire 29 July - 24 August 1955.
- Some notes in J.V. Watson's hand.
- B.26 Hardback sketchbook inscribed on front cover 'North Devon 1955'. Used for notes 20-31 May 1955.
- B.27 Hardback notebook inscribed on front cover 'Glenelg [Inverness-shire]'. Used for notes 28 July - 3 September 1955. Paginated 1-157.
- B.28 Hardback notebook inscribed on front cover 'Glenelg [Inverness-shire]'. Used from the front for notes September 1955, paginated 161-227, and from the back for notes July [?].
- Continuation of B.27.

Notebooks

- B.29 Hardback notebook inscribed on front cover 'Glenelg [Inverness-shire]'. Used from the front for notes 26 August - 12 September 1955 and at the back for notes on work on Unst, Shetland Islands, 7 April 1958.
- Some notes in J.V. Watson's hand.
- B.30 Spiral bound sketchbook used for notes, sketches and paintings, July-August 1956.
- Lacks back cover.
- B.31 Hardback sketchbook inscribed on front cover 'Harris [Hebrides]'. Used for notes December 1956 with notes referring to earlier work in August 1949.
- Lacks back cover.
- B.32 Spiral bound sketch book used for notes on work at Glenelg, Inverness-shire August 1957.
- B.33 Spiral bound 'drawing book' used for notes during visit to Soviet Union, September 1957.
- B.34 Hardback sketch book inscribed on front cover '1958 Beinn Dronaig [Isle of Skye, Hebrides]' and '[Loch] Luichart'. Used for notes on work July 1958 and for notes on work at Loch Luichart, Ross and Cromarty (in J.V. Watson's hand) August 1958.
- B.35 Hardback sketch book inscribed on front cover 'Luichart [Ross and Cromarty]'. Used for notes on work July-August 1958.
- Loose notes at front of book.
- B.36 Hardback sketch book inscribed on front cover '1959 Skye'. Used for notes on work from ca April 1959 and later notes ca November 1960.
- Intercalated loose is 'Sketch map of geology of Onny Valley from Plowden to Cheney Longville [Shropshire]'

Notebooks

- B.37 Hardback sketch book inscribed on front cover 'Summer 1959 Skye'. Used from the front for notes on work 10-24 July 1959, paginated 1-125 and from the back for notes 15-21 July 1959 paginated 1-13.
- B.38 Hardback sketch book. Used from the front for notes on work in Scotland, 25-31 July 1959 and the Pyrenees 14-26 September 1959 and from the back for list of ?samples from the Pyrenees.
- B.39 Hardback sketch book inscribed on front cover '1960 1962 Summer Skye'. Used from the front for notes on work in Scotland 5-14 April 1960, visits to Italy 3-5 July 1960, ?Sweden and Finland August 1960, and work on Skye Summer 1962.
- Intercalated loose is printed 'Petrological map of the Suontaka diabase', Finland.
- B.40 Hardback sketch book inscribed on front and back covers 'Scourie 1960'. Used from the front for notes on work at Scourie, Sutherland, 7 April 1960, 25-26 April 1960 paginated 1-19, 16-27 September 1960 paginated 20-64. and at the back for notes 6 April 1960.
- Some notes in J.V. Watson's hand.
- B.41 Hardback notebook inscribed on front cover 'Scourie 1960'. Used from the front for notes ca 16-17 September 1960 paginated 1-133 and at the back for notes on 'The intersection of Laxfordian and Scourian near Scourie, Sutherland'.
- B.42 Spiral bound notebook inscribed on front cover 'J. Watson Finland 1960'. Most pages removed, one page only in Watson's hand, the rest in Sutton's.
- B.43 Spiral bound sketch book used from the front for notes on work at the Sleat of Skye and Raasay, Hebrides April 1961 and from the back for sketches possibly during voyage to Portugal 7-16 December 1963.
- B.44 Hardback sketch book inscribed on front cover '1961 Heaste Strathcarron'. Used for notes on work on southern Skye and area round Applecross, Ross and Cromarty 11 July - 7 August 1961, paginated 1-163.

Notebooks

- B.45 Spiral bound notebook inscribed on front cover '[...] 1961 Skye'. Used from the front for notes on work 10-26 August 1961 and at the back for figures and graphs on findings from Heaste and Applecross, Ross and Cromarty 1961.
- Some notes in J.V. Watson's hand.
- B.46 Hardback sketch book used from the front for notes on work on Isle of Skye from 13 August 1961, and from the back for notes on Skye 14-31 August 1961 and in Shropshire 27 March -12 April 1966.
- B.47-B.49 Notebooks used on visit to Somalia 1962.
- B.47 Hardback sketch book inscribed on front cover '1962 Somalia'. Used for notes and sketches during visit to Somalia 5-23 January 1962 paginated 1-123.
- B.48 Spiral bound sketch book inscribed on front cover 'Somalia'. Used at the front for sketches and from the back for notes 24 January 1962.
- B.49 Spiral bound sketch book inscribed on front cover '1962 Somalia' and 'J. Sutton + 1971/75 Greenland'. Used from the front for notes and sketches on Somalia 28-29 January 1962, Butt of Lewis, Hebrides May 1971, and Greenland 21-28 July 1975, and at the back for sketches from Butt of Lewis, 2 May 1971.
- B.50 Hardback sketch book inscribed on the front cover 'Skye'. Used for notes on work on Isle of Skye, Hebrides 4-13 April 1962 paginated 1-53 and 18-29 July 1962 paginated 55-115.
- B.51 Hardback sketch book inscribed on the front cover '1962 Skye'. Used for notes on work on Isle of Skye 4, 12 April 1962 and 17-28 July 1962 and later notes on staffing etc of ?Imperial College Geology Department.
- Some notes on Skye in J.V. Watson's hand.
- B.52 Hardback sketch book. Used for notes on work in Greenland 16-29 August 1962.

Notebooks

- B.53 Hardback sketch book. Used from the front for notes 1964 and from the back for notes [?on conference proceedings 1964] and notes from visit to India 8-14 January 1965.
- See also A.120.
- B.54 Hardback sketch book. Used for notes and sketches from India 26 December 1964 - 4 February 1965.
- B.55-B.66 Work in Greenland
- B.55 Spiral bound sketch book inscribed on front cover 'Greenland 1965. Book I 16 July - AM 24 July'. Used from the front for notes and sketches and at the back for list of specimens.
- B.56 Hardback spiral bound sketch book inscribed on front cover '(2) 24 Jul - 27 Jul Greenlan[d] 1965'. Used from the front for notes and sketches and at the back for list of words in English and Danish with their ?Eskimo equivalents.
- B.57 Hardback spiral bound sketch book inscribed on front cover 'Greenland 1965. Book 3. 30 Jul - Mon 23 Aug'. Used from the front for notes and from the back for list of specimens.
- B.58 Hardback spiral bound sketch book inscribed on front cover 'Last of 1965' and 'Watterson' and inside front cover '29 Aug - 7 Sep. 1965'. Used for notes on work by Sutton and J. Watterson.
- B.59 Spiral bound sketch book inscribed on front cover 'John Sutton Greenland 1966'. Used for notes on work 6-19 July 1966.
- B.60 Spiral bound sketch book inscribed on front cover 'John Sutton Greenland 1966' and 'Sheet for 28.7.66 inside'. Used for notes on work and sketches 28 July - 11 August 1966.

Notebooks

- B.61-B.63 Hardback notebooks from work in Greenland 14 July - 7 September 1967.
- The notebooks refer to numbered specimens. These are recorded in the specimen books at B.64-B.66.
- B.61 Inscribed on front cover 'DB1 1967. Jul 14 - Aug 1'. Paginated 1-66. Last page used for list of movements and weather 9 July - 1 August. Specimen numbers refer to B.64.
- B.62 Inscribed on front cover 'DB2 1967 Aug 2-Aug 22'. Paginated 1-68. Last page used for list of movements and weather 2-20 August. Specimen numbers refer to B.65.
- B.63 Inscribed on front cover 'DB3 1967 Aug 23'. Used to 7 September 1967. Paginated 1-70, pages 48-49 used for notes 30 October 1969. Specimen numbers refer to B.66.
- B.64-B.66 Specimen books from work in Greenland 14 July - September 1967.
- B.64 Inscribed on front cover '(1) 1967'. Used 14 July - 4 August.
- B.65 Inscribed on front cover '7 Aug 67- Spec.B.2. 4270'. Used 8-22 August.
- B.66 Inscribed on front cover '23 Aug 67- Spec B.3. 9101'. Used 23-26 August.
- B.67 Hardback notebook inscribed on front cover '1968 SA'. Used from the front for notes on visit to South Africa 4-21 August 1968, China 11-23 November 1973 and from the back for notes on visit to Fatima [?Saudi Arabia], 13-18 December 1972.
- For Sutton's report on his visit to China in November 1973 as part of a Royal Society delegation see D.5.
- B.68 Hardback notebook inscribed inside front cover 'J Sutton 1968'. Used for notes during visit to South Africa 24 August - 9 September 1968.
- Taped to pages of the notebook are pressed flowers.

Notebooks

- B.69 'Artist's sketch block'. Used for notes on work in Alderney, Channel Islands 20, 21 September 1969 and list of photographs taken 22 July [?1971].
- B.70 Hardback sketch book. Used for notes and sketches in Australia 27 May - 4 July 1970.
- B.71 Hardback sketch book. Used from the front for notes (in J.V. Watson's hand) on work on 'Outer Hebrides May Excursion 28.4.70-4.5.70', work at Scourie, Sutherland 26 June - 1 July 1970 (in both hands), work on Isle of Lewis, Hebrides 16 July - 4 August 1970 and 15-29 July 1971 (in both hands), work on Scourie, 5 August 1973, and from the back for notes, n.d.
- B.72 Hardback spiral bound sketchbook inscribed on front cover 'J. Sutton 1970'. Used from the back for notes during visit to Arizona, USA September 1970 and from the front for sketches and notes, some from work in Scotland May 1971.
- B.73 Spiral bound notebook inscribed on front cover 'Sutton 1972 Roy Soc Pre Cam NATO Newcastle'. Used for notes on proceedings of NATO Advanced Study Institute on Precambrian geology, Newcastle upon Tyne.
- B.74 Hardback notebook used from the front for notes on work on Cyprus March and August 1973, and from the back for notes from ?conference, n.d.
- B.75 Softback sketch book. Used for sketch 29 March 1974 and sketches and notes on work in Greenland August 1975.
- B.76 Large spiral bound notebook used for undated drafts (incomplete) of 'The accumulation of ⁸⁷Strontium⁸⁷ and development of the Earth's crust', 'The Earth before continental drift', 'Tectonic relationships in the Archaean', 'Magma chambers', 'Deformation' and 'Relation of [?] - the key to Archaean tectonics', and notes on proceedings of conference 5-9 April 1975, including meeting on the International Geological Correlation Programme, 8 April.

Notebooks

- B.77 Spiral bound notebook. Used from the front and from the back for notes on visit to Soviet Union August 1975.
- Sutton visited the USSR in connection with the International Union of Geological Sciences International Geological Correlation Programme (IGCP), see also D.10.
- B.78-B.80 Visit to China, September 1977.
- Sutton visited China in connection with the International Union of Geological Sciences IGCP.
- See also C.88, D.13.
- B.78 Spiral bound notebook inscribed on front cover 'China 1977'. Used from the front and from the back 23 August, 15-30 September 1977.
- On first page is outline itinerary. The notebook includes sketches, travel notes, notes from meetings and visits and geological observations.
- B.79 Hardback sketch book inscribed inside front cover '1977 Peking + Holiday [...] (BS). Used for sketches in the Seychelles, Hong Kong and China September-October, notes on meetings 2-13 October, and geological observations.
- B.80 Hardback sketch book inscribed inside front cover 'IGCP [...] Sep 77'. Used from the front and from the back for sketches and notes.
- B.81, B.82 Visit to China February 1979.
- B.81 Hardback sketch book used for notes and sketches 11-27 February 1979 and ?conference proceedings 3 November 1982 and from the back for notes 21 December 1982.
- B.82 Hardback sketch book inscribed inside front cover 'February 1979'. Used for notes and sketches during visit to China 16-26 February 1979 (including universities of Peking, Szechuan and Hopei, and colleges at Chengdu and Wuhan, paginated 1-52, 'Chinese Educationalists Unesco Study Tour London', 27 March 1979 and Egypt 5-11 November 1982.

Notebooks

- B.83 Hardback sketch book used from the front for notes on visit to Pakistan, Thailand and ?Korea 25-30 July [?1983], and from the back for notes on ?conference proceedings.
- Sutton visited Pakistan to advise on a proposed Advanced Institute of Science and Technology, see D.14.
- B.84 Hardback sketch book inscribed inside the front page 'Year 1984' (BS). Used for notes and sketches on visit to China (?and Tibet) 14-19 March 1984.
- B.85 Hardback sketch book inscribed inside the front cover '[...] China 1984 March Academy Sinica Scilly Isles 1984 April' (BS). Used from the front for sketches and notes on visit to China (Sao Tong, Shanghai) 24-26 March and South Korea 27-30 March 1984 and sketches during visit to Scilly Isles, Cornwall, 26-27 April 1984, and from the back for plans of furniture arrangement etc in house, October 1989.
- B.86 Hardback sketch book inscribed inside front cover 'China 1985' (BS). Used for notes and sketches on visit to China 6-15 September 1985.
- Dried flowers taped to pages of notebooks.
- B.87 Hardback sketch book inscribed inside front cover '1985 China 1988 Dorset' (BS). Used for miscellaneous notes and sketches 1985-1988.
- B.88 Softback notebook inscribed on first page 'Tibet "symposium" Sept 1986' (BS). Used for notes on meeting in Beijing 13 May ('Discussion of programme') 14 -28 September 1986.
- See also D.17.
- B.89-B.91 Undated
- B.89 Imperial College hardback notebook inscribed 'John Sutton' on front cover. Used for notes on the literature, latest bibliographical reference 1947.
- Paginated 1-125, first page has list of contents.

Notebooks

- B.90 Hardback sketch book inscribed inside front cover 'J. Sutton Geology Department Imperial College [...]'. Used from the front and from the back for notes.
- B.91 Notebook lacking front cover. Used for notes on ?conference proceedings, list of photographs.
- B.92 Spiral bound notebook. Used from the front and from the back for notes on ?lectures or conference proceedings.
- B.93 Two sets of notebook pages. Used for notes on ?conference proceedings.
- B.94 Sketch book. Used for notes and sketches by J.V. Watson on sites in Ross and Cromarty and Sutherland.

Loose at back is postcard to Mrs C.J. Sutton from 'J [Sutton]'.
- B.95, B.96 Field notebooks of P.G. Cooray. Used for notes on work on South Harris, Hebrides.
- B.95 Labelled on front cover '[...] 5 15th July-6th September 1951. South Harris - I (pp1-40)'. Used 15 July - 30 August for 'Mapping of the Loch Langavart Belt of Paragneisses'.
- B.96 Labelled on front cover '[...] 6. 15th July - 6th September 1951. South Harris II'. Used 27 August - 1 September, paginated 41-69.
- B.97 Hardback notebook inscribed inside front cover 'Academic Staff Review 1980-81 J.S. Pro Rector'.

Used for Sutton's notes on Imperial College London staff.

SECTION C

NOTES AND DRAFTS

C.1-C.134

The material in this section chiefly comprises notes for and drafts of publications or work intended for publication dating from the late 1930s to very shortly before Sutton's death. Some of the material bears J.V. Watson's handwriting, attesting to the collaborative nature of much of their work. At C.126-C.132 is material by others, including two works by Watson, and at C.133, C.134 is a small amount of printed material.

References to Mrs Sutton's inscriptions identifying material are in the form (BS).

- | | |
|----------|---|
| C.1-C.15 | Contents of binder.

Used for postgraduate (and possibly undergraduate) geology notes <i>ca</i> 1938-1947 and n.d.

Not all the notes are in Sutton's hand. The original order of material within the binder has been preserved in the arrangement of the material. The binder has been retained at C.1. It has notes on the inside cover and a table and diagram pasted into the rear. |
| C.1 | Binder. |
| C.2 | Exercise book used for notes on the literature. Latest bibliographical reference 1938. |
| C.3 | Manuscript notes on 'Stratigraphy No. 1 Precambrian Scotland'. N.d.

Not all in Sutton's hand. |
| C.4 | Manuscript notes on Highlands geology. Latest bibliographical reference 1939.

Not in Sutton's hand. |
| C.5, C.6 | 'Strat'. Contents of Sutton's binder so inscribed divided into two for ease of reference: manuscript notes on stratigraphy. N.d. |

Notes and drafts

- C.7 Miscellaneous manuscript notes on volcanic activity at Katmai, porphyry formation etc.

 In Sutton's and Watson's hands.
- C.8 Manuscript notes on mineralogy and optical mineralogy, 1947.

 Not all in Sutton's hand.
- C.9 Manuscript notes on rock types paginated 1-65.

 Not in Sutton's hand.
- C.10 Manuscript notes on rock types paginated 42, 47-69; diagram of 'rock forming minerals and rock groups'.
- C.11, C.12 Manuscript notes on mineralogy paginated 1-55, with later pages (dated 1947) interleaved. 2 folders.
- C.13 Manuscript notes on minerals, n.d.

 Not all Sutton's hand.
- C.14 Thirteen diagrams of atomic structure in minerals, found with note '?Biammalian Lecture notes 1939-40'.
- C.15 Duplicated typescript notes on 'The Bohr atom: the "ionic" state, & the "ionic" (electrovalent) bond', 4pp and 'The mechanical constitution of loose arenaceous sediments', 5pp; duplicated typescript question sheet.

 Manuscript annotations on verso.
- C.16, C.17 'Fibrolite and Met^c diffusion'. Contents of envelope so inscribed divided into two for ease of reference.

 Possibly related to J.V. Watson, 'Late Sillimanite in the migmatites of Kildonan, Sutherland', *Geol. Mag.* **85** (1948), 149-162.

Notes and drafts

- C.16 'Part I Metamorphic Diffusion'. 34pp typescript + figures, latest bibliographical reference 1946.
- C.17 'Part II The occurrence of Fibrolite in the migmatites of Kildonan, Scotland'. 36pp typescript + figures, latest bibliographical reference 1943.
- C.18 'Continental Draft', broadcast discussion between J.A. Clegg, R. Good, H.E. Hinton and Sutton in BBC Radio Third Programme, 13 September 1957.

16pp duplicated typescript 'As recorded'; typescript notes with manuscript annotation.
- C.19 'Cameroon Mountain', broadcast by Sutton on volcanic eruption in Cameroon in BBC Radio 'Calling Nigeria', 26 February 1959.

2pp typescript.

See also A.93.
- C.20 'The high pressure intermedials in Swiss Alpine series'.

Manuscript draft paginated 26-29. Latest bibliographical reference 1960.
- C.21 'Metamorphism in relation to structure'.

Manuscript draft paginated 1-16 annotated '23 Jul', latest bibliographical reference 1963.
- C.22 'Long-term cycles in the evolution of continents', *Nature* **198** (1963), 731-735.

7pp typescript with extensive manuscript correction; off-print.
- C.23 'Some recent advances in our understanding of the controls of metamorphism'. Possibly related to 1963 *Nature* article (see C.22).

18pp typescript + references and tables.

Notes and drafts

- C.24, C.25 'Some periodic changes in the behaviour of the crust during the last 3000 m.y.'
- 44pp typescript with manuscript additions and corrections (some by J.V. Watson); manuscript notes found therewith.
- 2 folders.
- C.26-C.42 'Caledonides drafts'. Contents of envelope so inscribed divided into twelve for ease of reference.
- The material is in the hands of both Sutton and Watson. It comprises sets of drafts, pages of drafts and notes. The material may relate to a number of published papers:
Sutton, 'Some events in the evolution of the Caledonides', in M.R.W. Johnson and F.H. Stewart (eds), *The British Caledonides* (Edinburgh, 1963), 249-269.
J.V. Watson, 'Some problems concerning the evolution of the Caledonides of the Scottish Highlands', *Proc. Geol. Ass.* **74** (1963), 213-258.
J.V. Watson, 'Conditions in the metamorphic Caledonides during the peiod of late orogenic cooling', *Geol. Mag.* **101** (1964), 45-465.
- C.26 Two slightly different outline plans for ?book.
- In Watson's hand.
- The outline gives chapter headings and brief notes on contents.
- C.27 'Chapter 1. Introduction'. N.d.
- Manuscript draft, mostly in Watson's hand, paginated 1-10.
- C.28 'Chapter 2. The North-Western Foreland'. Latest bibliographical reference 1963.
- Manuscript draft, mostly in Watson's hand, paginated 11-27
- C.29 'Chapter 2 The North West Foreland', annotated 'Version 2 Oct 61'.
- 2pp manuscript introduction.
- 'The North West Caledonian Foreland'.
- 8pp manuscript.

Notes and drafts

- C.30 'III. Stratigraphy of the Fold-belt', latest bibliographical reference 1963.
3pp typescript.
- C.31 'Chapter 5 Structure', latest bibliographical reference 1963.
3pp manuscript.
In Watson's hand.

Letter from R.M. Shackleton, 17 July 1963 found therewith.
- C.32 'Chapter 5. Structure of the fold belt'. N.d.
Manuscript draft paginated 1-27.
- C.33 'Chapter 7 Granites and other intrusive rocks', latest bibliographical reference 1963.
25pp manuscript.
- C.34 'The Caledonian fold-belt of the Scottish Highlands and north-western Ireland', latest bibliographical reference 1963.
Manuscript draft paginated 1-33.
Mostly in Watson's hand.
- C.35 'The Caledonian fold-belt of the Scottish Highlands + NW Ireland', annotated 'Oct 61'.
8pp manuscript draft; manuscript notes on 'Caledonides of the Scottish Highlands'.
- C.36 'Central and South West Highlands'. N.d.
Manuscript draft paginated 2-13; 6pp manuscript draft.

Notes and drafts

- C.37 'North East Highlands and Buchan'. Latest bibliographical reference 1962.
Manuscript draft paginated 27-30.
- C.38 Manuscript notes and pages of drafts principally on metamorphism.
Some in Watson's hand.
- C.39-C.42 Manuscript notes and pages of drafts.
4 folders.
- C.43 'Migration of high temperature zones in the crust'. ca 1968.
22pp typescript inscribed 'Post 1967 (B.S. Has Reprint says Chapter 39. No other information [...] 1968/69' (BS).
- C.44-C.46 'Continental Drift'. ca 1968.
- C.44 9pp manuscript.
- C.45 Pages of manuscript and typescript drafts.
One page has date '2 December 68'.
- C.46 Figure (map of north Atlantic Ocean showing Continental Drift).
- C.47 'Professor Herbert Harold Read', 1970.
4pp and 2pp typescript drafts of obituary.
Sutton also wrote the Royal Society's *Biographical Memoir* of Read.
- C.48 Miscellaneous notes, figures and negatives for slides. ca 1970.
Probably for lecture on the history of Scottish Highland and Island Precambrian geology.

Notes and drafts

- C.49 'Orogeny', in I.G. Gass, P.J. Smith, R.C.L. Wilson (eds), *Understanding the Earth* (Artemis Press, Sussex, 1971), pp 287-300.
Contract with publishers, 29 April 1970; offprint; note by Mrs B. Sutton.
- C.50 'Some changes in continental structure since early Precambrian times', in D.H. Tarling and S.K. Runcorn (eds), *Implications of Continental Drift to the Earth Sciences* (Newcastle, 1973), pp 1071-1081.
28pp typescript + 2pp typescript summary.
- C.51-C.75 'Plate Tectonics'.
The material was found in Sutton's envelope inscribed 'Manuscript The Restless Earth Dec 1973'. It relates to an unpublished book to be titled Plate Tectonics ('The Restless Earth' was an initial title of the first chapter) possibly to be published by Allen & Unwin.
- C.51 Two typescript list of chapters with numbers of words; manuscript note annotated 'Plan'.
The chapters were rearranged and renumbered on a number of occasions during the drafting.
- C.52-C.64 Early drafts.
- C.52 'I. The restless earth'.
3pp manuscript; 1p typescript.
- C.53 'The Changing Earth. Chapter 1'.
6pp typescript, with manuscript annotations by J.V. Watson.
- C.54 'Chapter 2. The pattern of change'.
4pp manuscript; typescript draft paginated 5-10, with manuscript corrections.

Notes and drafts

- C.55 'Chap 3. Recording the history'
6pp manuscript; typescript draft (retitled 'Reading the history') paginated 11-18, with manuscript corrections.
- C.56 'Chapter 4 Continents and Oceans'
6pp manuscript; typescript draft (titled 'Chapter 3') paginated 14-22, with manuscript corrections by J.V. Watson.
- C.57 'Chapter 5 Global structure'
8pp manuscript.
- C.58 'The Youthful Earth'
6pp manuscript; typescript draft paginated 27-33, with manuscript corrections.
- C.59 'Making Oceans'
7pp manuscript; typescript draft paginated 14-25 with manuscript corrections.
- C.60 '6 Forming and deforming continents'
6pp manuscript; 8pp typescript.
- C.61 'Building mountains'
4pp manuscript; typescript draft (titled 'Chap 8') paginated 9-13.
- C.62 '10 Earthquakes'
5pp and 4pp manuscript drafts; 1p manuscript notes.
- C.63 'Volcanoes'
Incomplete manuscript drafts; manuscript notes.

Notes and drafts

- C.64 'Chapter 2. The movement of plates'
Typescript draft paginated 7-13, with manuscript corrections. Not listed in the plans of the book.
- C.65 Manuscript notes.
- C.66-C.74 Contents of Sutton's folder divided into nine for ease of reference: incomplete later typescript draft (lacks final two chapters).
- C.66 'Chapter I The Changing Earth', paginated 1-9.
- C.67 'Chapter 2 The pattern of change', paginated 10-16.
- C.68 'Chapter 3 Reading the history', paginated 17-25.
- C.69 'Chapter [4] Continents and oceans', paginated 26-40.
- C.70 'Chapter 5 Global structures', paginated 41-56.
- C.71 'Chapter 6 The youthful Earth', paginated 57-65.
- C.72 'Chapter 7 Forming and deforming continents', paginated 66-73.
- C.73 'Chapter 8 Building mountains', paginated 74-80.
- C.74 'Ch 9 Earthquakes', 6pp typescript.
- C.75 7pp manuscript notes on the draft in J.V. Watson's hand.

Notes and drafts

- C.76-C.81 'The Earth before Continental Drift', ca 1974.
This was a planned article for *La Recherche*. Sutton produced a number of different drafts but there is no evidence of publication.
- C.76 Manuscript plans, one dated 6 June 1974; typescript instructions from *La Recherche*.
- C.77 Incomplete 8pp typescript, 7 June 1974.
- C.78 4pp typescript, with manuscript corrections, '7 Juin'.
- C.79 7pp typescript, 10-11 June 1974.
- C.80 Incomplete 13pp typescript, n.d.
- C.81 Miscellaneous manuscript and typescript notes.
Includes pages of drafts of other papers.
- C.82-C.87 'An international view of the present state and future of science', lecture to Royal Society of South Africa on the occasion of its centenary, 1977.
See also D.12.
- C.82 5pp manuscript, 'Version 1', April 1977.
- C.83 Incomplete typescript draft, paginated 3-17.
- C.84 Incomplete manuscript draft, paginated 3-10.
- C.85 14pp manuscript 'Index to Notes', 15 April 1977.
Sutton indexed many of his background notes for the lecture.

Notes and drafts

- C.86 Indexed manuscript background notes.
- C.87 Unindexed manuscript background notes, April-May 1977.
- C.88 'Progress in understanding the Precambrian', lecture at International Union of Geological Sciences conference, China, 1977.

Sutton visited China in connection with the International Geological Correlation Programme 15 September - 14 October 1977, see also B.78-B.80, D.13.

5pp typescript.
- C.89, C.90 'Development of ideas in NW Highlands. Talk to Geol Soc'. Contents of envelope so inscribed divided into two for ease of reference: manuscript and typescript notes, figures etc. Latest reference 1977.
- C.91 Book review of G.Y. Craig (ed.), *James Hutton's 'Theory of the Earth', the last drawings* (Edinburgh, 1978).

4pp typescript.
- C.92-C.96 'William Quarrier Kennedy', *Biographical Memoirs of Fellows of the Royal Society* **26** (1980), 275-303.
- C.92 8pp manuscript account by Sylvia Kennedy (widow), May 1979.
- C.93 Correspondence from colleagues etc *re* Kennedy, with impressions and reminiscences including 2pp typescript account by R.K. Harrison, 3 May 1979.
- C.94 Copies of correspondence *re* Kennedy: Sir John Flett to G.W. Tyrell, 7 July 1927, P. Niggli to Sir John Flett, 2 July 1928, W.D. Wilson to Sir Charles Morris, 11 August 1955.

Copy of testimonial for Kennedy from J.W. Gregory, 10 October 1927.

Notes and drafts

- C.95 Manuscript notes.
- C.96 Offprint.
- C.97 'Geology and government', Presidential Address to British Association for the Advancement of Science Section C, 7 September 1982.
33pp typescript + summary.
- C.98 Manuscript notes on lectures by Lord Flowers and Kwan Lin on Anglo-Korean Collaboration in Science and Technology, London School of Economics, 1 March 1984,
- C.99 'Management of British Geological Survey', ca 1984-1985.
Draft letter on behalf of Imperial College geologists to the Secretary of State for Education and Science. The letter expresses concern that changes proposed by the Natural Environment Research Council to the management of the Survey would weaken its direction.
4pp and 3pp manuscript drafts.
- C.100 4pp untitled manuscript draft on Antarctic science, late 1980s.
- C.101 'The Ups and downs of mining in Cornwall', 1986.
Written at the time of the closure of Geevor Tin Mine, Cornwall (see E.22).
5pp manuscript draft; pages of earlier drafts.
- C.102, C.103 Book review of *The Highland Controversy* by D.R. Oldroyd (Chicago 1990).
- C.102 Incomplete 13pp manuscript draft; 7pp manuscript notes on the book.
- C.103 Pages of incomplete manuscript drafts.

Notes and drafts

- C.104-C.109 'Horne, John' and 'Peach, Benjamin Neeve', C.S. Nicholls (ed.), *Dictionary of National Biography. Missing Persons* (Oxford 1993), pp 330-331 and 515-516 respectively.
- Sutton wrote biographical notices of the lives of these two geologists.
- C.104 Invitation to write notices, 21 November 1990 and correspondence from editor, March, June 1991; correspondence *re* biographical material on Horne and Peach, April 1991.
- C.105, C.106 'Horne, John'.
- C.105 Copies of biographical material on Horne.
- C.106 4pp manuscript draft; incomplete and earlier manuscript drafts.
- C.107, C.108 'Peach, Benjamin Neeve'.
- C.107 Three letters from A. Peach, grand-daughter, March-April 1991, with 5pp manuscript 'Notes on Benjamin Neeve Peach'.
- C.108 Copies of biographical material on Peach.
- C.109 3pp manuscript draft; incomplete and earlier manuscript drafts.
- C.110, C.111 'Biographical Memoirs', *ca* February 1992.
- Letter to Royal Society *re* the increasing time between a Fellow of the Royal Society dying and the appearance of their memoir in *Biographical Memoirs of Fellows of the Royal Society*.
- C.110 3pp manuscript.
- C.111 Earlier manuscript drafts; background notes including statistics.

Notes and drafts

- C.112 Manuscript drafts of Letter to *The Times*, August 1992.
'A letter to the Times his last writing' (BS).
- C.113 'Andrew Ramsay and John Tyndall in the Alps. A geological notebook of 1858', n.d.
19pp typescript + 2pp typescript draft ?introduction + notes.
- C.114 'Geology in the Sixties', n.d.
2pp typescript.
- C.115 'The long term changes in the behaviour of the Earth', n.d.
2pp typescript abstract of lecture.
- C.116-C.122 Manuscript notes and sections of drafts on highland geology, ?late 1940s.
7 folders.
- C.123 Miscellaneous pages of manuscript drafts.
- C.124 Manuscript notes and statistics *re* aspects of elections to the Fellowship of the Royal Society. Latest reference 1980.
- C.125 Miscellaneous manuscript notes, some dated 1952-1968.
- C.126-C.132 Drafts by others**
- C.126 J.V. Watson's inaugural lecture ?on appointment to Emeritus Chair of Geology, Imperial College London, 1985.
20pp typescript transcript.

Notes and drafts

- C.127 Draft by J.V. Watson on geological fluctuations, n.d.

6pp manuscript.
- C.128 'Lineation in complex fold systems' by F.C. Phillips, *ca* 1956.

2pp typescript.
- C.129 'Recent essays in Scottish Highland tectonics' by E.B. Bailey, *ca* 1957.

2pp typescript.
- 'Rubidium-Strontium ages of Lewisian rocks from north-west Scotland' by
B.J. Gilletti, 1959.

5pp typescript plus table.
- C.130 'Preferential orientation of quartz grains in the Cambrian quartzite of the
N.W. Highland Foreland', anon., latest bibliographical reference 1935.

7pp manuscript + figure.

Page 7 of the draft has a note by Sutton on verso.
- C.131, C.132 Typescript biographies of geologists, anonymous, n.d.:
- C.131 C.T. Clough (1852-1916), 2pp; Sir Archibald Geikie (1835-1924); J. Geikie
(1839-1915), 1p; J. Hall (1761-1832), 1p; A. Harker (1859-1939), 1p; J.
Hutton (1726-1797), 2pp; C. Lapworth (1842-1920), 2pp; Sir Charles Lyell
(1797-1875), 3pp.
- C.132 J. MacCulloch (1773-1835), 1p; H. Miller (1802-1856), 1p; Sir Roderick
Murchison (1792-1871), 2pp; J. Nicol (1810-1879), 1p; B.N. Peach (1842-
1926) and J. Horne (1848-1928), 2pp; J. Playfair (1748-1819), 1p; Sir
Andrew Ramsay (1814-1891), 1p; R.T. Traquair (1840-1912), 1p.

Notes and drafts

C.133, C.134 Printed material

C.133 Articles and book reviews by Sutton from the *New Scientist* 1971-1975.

'Two billion years of global change', 2 March 1971; 'Laboratory for all mankind', 22 March 1973; review of *Focus on Environmental Geology* ed. R.W. Tank, 12 July 1973; review of *Implications of Continental Drift to the Earth Sciences* ed. D.H. Tarling and S.K. Runcorn, 20 December 1973; review of *Jurassic Environments* by A. Hallam, 16 October 1975; 'Charles Lyell and the liberation of geology', 20 February 1975.

C.134 'Tectonic evolution of the basement rocks in the southern and central eastern desert of Egypt' by M.L. Abdel-Khalek.

Off-print, extensively annotated by Sutton.

SECTION D

VISITS AND CONFERENCES

D.1-D.21

See also A.146 for a list of some of Sutton's journeys 1956-1985.

Photographs from some of Sutton's visits are to be found in section A.

- D.1-D.4 Symposium on the Caledonian Geology of Arctic Norway, University College Cardiff, 10-12 January 1970.
- Contents of Sutton's folder. The folder, with Sutton's manuscript notes on the inside cover, has been retained as D.1.
- D.1 Sutton's symposium folder.
- D.2 General information; list of participants; two programmes annotated by Sutton.
- D.3, D.4 Duplicated typescript 'extended abstracts' of papers.
- Many bear Sutton's manuscript notes on verso.
- D.3 Authors A-M.
- D.4 Authors P-W, no name.
- D.5 Report on 'Scientific Visits to China under arrangements between the Academia Sinica and the Royal Society. Royal Society Delegation led by Sir Derek Barton FRS', 10-25 November 1973.
- Sutton's report is on pp 56-65.
- For Sutton's notes on the visit to China see B.67.
- D.6-D.9 Geological Society of America Penrose Conference on Pre-Mesozoic Plate Tectonics', Vail, Colorado, USA, 5-10 January 1975.
- D.6 General information; conference programme and schedule.

Visits and conferences

- D.7 List of participants.
- D.8, D.9 Sutton's manuscript notes on proceedings; figures from talk by F.L. Schwab.
2 folders.
- D.10 Symposium on Correlation of the Precambrian, USSR, 21 August-9 September 1975.

This was part of the International Geological Correlation Programme. Sutton 'representing Great Britain was a member of the working group' (BS), see also B.77.

9pp photocopied typescript 'Resolution' only.
- D.11 Ninth Working Meeting, International Geological Correlation Programme Project 86 'SW border zone of the East European platform', Exeter, September 1983.

Photocopied typescript 'Field Excursion Notes and Guide'.
- D.12 Visit to South Africa, June-July 1977.

Sutton visited South Africa for the centenary celebrations of the Royal Society of South Africa. He gave a lecture 'An international view of the present state and the future of Science', see C.82-C.87.

Programmes; menu for dinner.
- D.13 International Union of Geological Sciences, China, 15 September - 14 October 1977.

See also C.88.

General information; annotated programme.

Visits and conferences

- D.14 Visit to Pakistan, July - August 1983.
- The visit was made at the invitation of the Pakistani Minister of Education to contribute to discussions regarding a possible Advanced Institute of Science and Technology. He visited education and research establishments, submitting a report on his return.
- For Sutton's notes on the visit see B.83.
- Report 'Proposed Advanced Institute of Science and Technology' by Sutton, 28pp typescript.
- D.15 Bicentenary Symposium on Deep Geology of the Midland Valley of Scotland and Adjacent Regions, Royal Society of Edinburgh, 18-19 October 1983.
- Handbook of abstracts annotated by Watson and Sutton.
- D.16 Meeting of the Geological Society's Metamorphic Studies and Tectonic Studies Groups on Evolution of the Lewisian and Comparable Precambrian High Grade Terrains, University of Leicester, 20-22 March 1985.
- Sutton and J.V. Watson presented a paper 'The Lewisian Complex: questions for the future'.
- Information and programme, 1985.
- D.17 Symposium on Tibetan Joint Geotraverse between Chinese Academy of Sciences and the Royal Society, 5-17 September 1986, Beijing, China.
- Programme.
- See also B.88.
- D.18 Regional Conference of Commonwealth Scholars & Fellows, University of Bristol, 30 October 1986.
- Annotated programme.
- D.19 Royal Society Discussion Meeting on Allochthonous Terranes, Royal Society, London, 8-9 November 1989.
- Abstracts annotated by Sutton.

Visits and conferences

D.20 De La Beche Symposium on the Layers of the Earth, Imperial College London, 28 February 1992.

Sutton chaired the Symposium, held in the lecture theatre named in his honour. He gave the introduction and the concluding lecture.

Programme; manuscript notes; letters of thanks, April 1992.

D.21 Visit to France, n.d.

Manuscript itinerary only.

SECTION E CORRESPONDENCE E.1-E.30

The bulk of the correspondence is two sequences of letters, 1948-1960 and 1961-1992, assembled by Mrs Sutton and arranged in chronological order. There is also a little additional correspondence 1939-1989 and contents of an envelope of postcards.

E.1-E.24	MAIN SEQUENCES
E.25-E.29	ADDITIONAL CORRESPONDENCE
E.30	POSTCARDS

E.1-E.24 MAIN SEQUENCES 1948-1992

In addition to scientific and personal letters, the material includes papers for conferences and from societies and organisations.

Principal correspondents are E.B. Bailey, M.J. Fleuty, A. Holmes, J.L. Knill, J.G. Ramsay and H.H. Read.

E.1-E.12	1948-1960
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E.2	1950-1952.
E.3	1953, 1954.
E.4	1955 January-May.
E.5	1955 July-December.
E.6	1956 April-June.

Correspondence

E.7 1956 July-December.

E.8 1957.

E.9 1958.

E.10 1959.

E.11 1960.

E.12 N.d.

E.13-E.24 1961-1992

E.13 1961, 1962.

E.14 1963, 1964.

E.15 1965.

E.16 1967-1969.

E.17 1970-1973.

E.18 1974, 1975.

E.19 1976-1979.

Correspondence

E.20 1982-1984.

E.21 1985.

E.22 1986.

E.23 1987.

E.24 1991, 1992.

E.25-E.29 ADDITIONAL CORRESPONDENCE 1939-1989, n.d.

E.25 1939, 1963, 1973-1975.

E.26 1978.

E.27 1986.

E.28 1986-1989.

E.29 N.d.

E.30 POSTCARDS 1958-1987, n.d.

E.30 'Postcards'. Contents of envelope so inscribed. 1958-1987, n.d.

SECTION F NON-TEXTUAL MATERIAL F.1-F.23

F.1-F.5 'Field maps Loch Torridon'. Contents of folder so inscribed divided into five for ease of reference: manuscript geological maps by Sutton. N.d.

Most of the maps are detailed maps on graph paper, there are some on tracing paper.

F.6 Contents of folder: notes, diagrams maps etc *re* geology of north west Scotland, including letter from the Air Ministry, 9 May 1956.

F.7 Maps from 'Greenland survey 1967' (BS). 2 maps.

F.8 Maps of Scotland. 4 maps.

F.9 Map of China.

F.10 Photographs of features on Scottish coastline at Banff, found in envelope inscribed '1946'.

F.11 'Loch Torridon photomosaic 1949. Contents of folder so inscribed: two aerial mosaic photographs.

F.12 Two mounted photographs of features of Cornish coastline at Tintagel.

F.13-F.19 Envelopes of RAF aerial photographs, 20-22 July 1971.

The envelopes are inscribed with sortie numbers reference numbers. The envelope at F.17 is also inscribed 'John Sutton's trip to Greenland in connection with BBC programme 1971 Horizon' (BS).

The photographs at F.13 are of the Hebrides, the rest are of the Greenland coastline.

F.13 'H120 RAF 2914 A,B & C S/L Sterling Contacts 1-18, 1-66 & 1-78'. 20 July 1971.

Non-textual material

- F.14 '2915 A Contacts 01-44'. 21 July 1971.
- F.15 '2915 B Contacts 01-72'. 21 July 1971.
- F.16 '3529 A Contacts 1-62'. 22 July 1971
- F.17 '3529 B Contacts 1-50'. 22 July 1971.
- F.18 '3529 C Contacts 1-84'. 22 July 1971.
- F.19 Photographic Reconnaissance Reports for above sorties.
- F.20 Miscellaneous photographs.
- F.21 16mm BBC colour cine film with optical sound track, 12 minutes. Labelled 'Planet Earth Greenland etc [...] for Prof Sutton'.
- F.22 16mm cine film, 18 fps, 4 minutes. Labelled 'Continental Drift [...] Prof Sutton'.
- F.23 7 inch 1800 ft long play open reel sound tape of Sutton's Geologists Association Bennett Lecture on the Evolution of the Rigid Crust. ?ca 1969
- This was the third in Sutton's series of lectures (with his two Geologists Association Presidential Addresses of 1967 and 1968) advancing new ideas on continental drift.

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