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Supplementary catalogue of the papers and
correspondence of

Dorothy Mary Crowfoot Hodgkin

OM FRS

(1910-1994)

by Jeannine Alton and Timothy E. Powell
NCUACS catalogue no. 135/8/04

Title: Supplementary catalogue of the papers and correspondence of Dorothy Mary Crowfoot Hodgkin OM FRS (1910-1994), biochemist

Compiled by: Jeannine Alton and Timothy E. Powell

Description level: Fonds

Date of material: 1919-2003

Extent of material: *ca* 535 items

Deposited in: Department of Western Manuscripts, Bodleian Library, Oxford

Reference code: GB 0161 D.M.C. Hodgkin papers (Supplement)

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LIST OF CONTENTS

	Items	Page
GENERAL INTRODUCTION		5
SECTION A	BIOGRAPHICAL AND PERSONAL A.1-A.260	8
SECTION B	RESEARCH B.1-B.56	53
SECTION D	PUBLICATIONS AND LECTURES D.1-D.38	65
SECTION E	SOCIETIES AND ORGANISATIONS E.1-E.33	72
SECTION F	VISITS AND CONFERENCES F.1-F.21	80
SECTION G	PEACE AND HUMANITARIAN INTERESTS G.1-G.53	84
SECTION H	CORRESPONDENCE H.1-H.54	94
SECTION J	NON-TEXT MATERIAL J.1-J.26	103
INDEX OF CORRESPONDENTS		107

GENERAL INTRODUCTION

PROVENANCE

The present Supplement follows the sequence and organisation of the first catalogue of Hodgkin's papers, which laid special emphasis on her scientific and public work and was completed in 1994, shortly before her death (ref: NCUACS 47/3/94). At that time, many personal and family papers remained in family hands and were transferred on a temporary basis to the Bodleian Library Oxford for the use of Georgina Ferry whose biography, *Dorothy Hodgkin. A Life* was published by Granta Books, London in 1998. These are the papers which are presented in this Supplement.

In addition, Georgina Ferry has made available the following items: the typescript of the projected (incomplete) biography of Hodgkin by Francis Pagan (A.5); Elisabeth Crowfoot's 'Archaeological Biography' of her mother (A.99); the correspondence and material relating to research on vitamin B12 which had been passed to her by K.N. Trueblood (H.27-H.33).

PRESENTATION

The publication of the first catalogue in 1994 has been followed not only by Ferry's biography but by the Memoir written by G.G. Dodson for the Royal Society (*Biographical Memoirs of Fellows of the Royal Society*, vol 48, 2002).

The numbered notes and references in Ferry's text document her use of the uncatalogued as well as the catalogued papers and her private interviews and research. References to such material in the present catalogue are given in the form (*Ferry p...*).

The Memoir by Dodson includes a bibliography which presents Hodgkin's writings thematically. Because of its official standing as published by the Royal Society it supersedes the chronological listing given in Volume III of the 1994 catalogue and has been used here in the form (Bibliography...).

Although the distinction between scientific and personal papers has validity, it is far from absolute, and while it is true that the family and personal correspondence constitutes the main contribution of the present collection, there is additional material from all aspects of Hodgkin's life and work and considerable overlap with the 1994 catalogue. These references are given in the form (*Hodgkin...item number*).

DESCRIPTION OF THE COLLECTION

The material is presented as shown in the List of Contents. Additional explanatory notes, information and cross-references are appended where appropriate to the separate sections, sub-sections and individual entries in the body of the catalogue. The following paragraphs are intended only to draw attention to items of particular interest.

Section A, Biographical and personal, is by far the most substantial, containing much new material relating to Hodgkin, her family and friends. Among the 'Juvenilia' at A.12-A.19 are notebooks and diaries, some home-made, recording her earliest work at home 1919-1924, including history, poems, nature study with her own illustrations, and chemistry. Her intellectual brilliance was acknowledged by her election as Fellow of the Chemical Society in 1922 at the age of twenty-one (A.33), and continued steadily with world-wide honours and awards; a celebratory volume for her 80th birthday in 1990 (A.33) testifies to the esteem and affection she inspired. The draft biography by F. Pagan, which takes the story to 1939, is also of interest (A.5).

The family correspondence at A.97-A.224 documents the attainments and activities of three generations: Hodgkin's parents John and Molly Crowfoot; herself, her sisters and her husband; and her children. Hodgkin's mother was a gifted and energetic woman (A.99-A.118 and introductory note). Her daughter Prudence Elisabeth ('Liz') followed family tradition in making a career in Africa from which she wrote regularly (A.139-A.153 and note). By far the largest component, however, is Hodgkin's almost daily correspondence with her beloved husband Thomas, whom she met and married in 1937. This famous record of a great love as well as a personal and family account is presented with a fuller introduction at A.156-A.207). Interestingly, here as in her correspondence with her previous mentor J.D. Bernal (see Section B), part of Hodgkin's mind remained in thrall to her research and she could move disconcertingly from an emotional level to practical laboratory affairs.

The tradition of regular letter-writing, in a pre-electronic age, combined with open-heartedness and shared humanitarian and political concerns, links family members and also some of Hodgkin's closest friends such as Margery Fry (A.235, A.236), Betty Murray (A.238-A.241) and - in a somewhat different key - the flamboyant Somerville Fellow Enid Starkie (A.246).

Section B, Research, while considerably less exhaustive than that previously catalogued, provides some useful complementary material, such as Hodgkin's undergraduate notebooks, the work for her Oxford Part II thesis later published (B.15), her Cambridge doctoral thesis (B.29) and her earliest work on insulin (B.30, B.31).

Correspondence and papers relating to J.D. Bernal (B.42-B.52) are of scientific and personal interest, and this continues in Section D, Publications and lectures. In addition to Hodgkin's drafts for her

writings on Bernal, there is a copy (D.9) of his dissertation 'The analytic theory of point systems', written as an undergraduate at Cambridge 1922-1923 entirely in his own time and for his own interest. It was never published but struck W.H. Bragg as so remarkable that he offered Bernal a post at the Royal Institution on the strength, it is said, of a glance at the first page.

Section E, Societies and organisations, is short, but includes new material on the Children's Medical Charity based at Westminster Hospital, and on L'Institut de la Vie.

Section F, Visits and conferences, is also short. It deals with visits in Hodgkin's later years, several of which are additional to those in the previous catalogue.

Section G, Peace and humanitarian interests, contains some additional material on Birzeit University in Palestine, and also on several international conferences on peace and disarmament which Hodgkin attended in her later years. There is also the Judgment of the Nuclear Warfare Tribunal of which she was a member (G.8).

Section H, Correspondence, presents an alphabetical sequence of Hodgkin's scientific correspondents, including Hongying Liao, M.F. Perutz, D.P. Riley, C.H. Waddington and D. Wrinch. Of special interest is the sequence of letters and data documenting the research on vitamin B₁₂ by K.N.T. Trueblood in Los Angeles in collaboration with Hodgkin's team at Oxford (H.27-H.33). This material, kindly passed on by G. Ferry, usefully complements the detailed entries of the previous catalogue.

Section J, Non-text material, includes some interesting photographs of a 1924 trip to Egypt and the Sudan, drawings of mosaics and tesserae relating to archaeological finds by Hodgkin's parents, and glass plates of early research on insulin 1935-1936.

ACKNOWLEDGMENTS

Grateful thanks are due to Georgina Ferry for her unique information and advice, and for making available three additional items of interest, to Steven Tomlinson of the Department of Western Manuscripts of the Bodleian Library, and to Dr T. E. Powell of NCUACS for careful revision of the draft catalogue.

J.B.Alton
Oxford 2004

SECTION A **BIOGRAPHICAL AND PERSONAL, A.1-A.260** *ca* 1918-2003

- | | |
|-------------|-----------------------------------|
| A.1-A.11 | AUTOBIOGRAPHICAL AND BIOGRAPHICAL |
| A.12-A.57 | CAREER, HONOURS AND AWARDS |
| A.58-A.96 | MISCELLANEOUS BIOGRAPHICAL ITEMS |
| A.97-A.224 | FAMILY CORRESPONDENCE |
| A.225-A.260 | PERSONAL CORRESPONDENCE |

Biographical and personal, A.1-A.260

A.1-A.11	AUTOBIOGRAPHICAL AND BIOGRAPHICAL	1947-1994
A.1-A.4	Autobiographical writings	ca 1953, ?1985, n.d.
A.1	4pp corrected pencil draft describing Hodgkin's first visit to the USSR in 1953. She wrote about this visit at greater length elsewhere (<i>Hodgkin A.12, F.7; Ferry pp.267-271</i>).	ca 1953
A.2	'Dorothy Hodgkin - Early Education'. 3pp manuscript draft, probably for article in 'L'Umile Pianta' 1985 (<i>Hodgkin A.11</i>).	?1985
A.3	'A life in science'. 17pp typescript draft with a few manuscript corrections, taking Hodgkin's life up to 1977.	N.d.
A.4	2pp manuscript (incomplete) of work in X-ray crystallography. Notes of publications, D.Phil. and B.Sc. theses supervised 1942-1975.	N.d.
A.5, A.6	Biography	1978-1980s
A.5	'Life of Dorothy Hodgkin' Typescript draft of a proposed full-length biography by Francis Pagan, a long-term acquaintance at Beccles, later a publisher. The work continues to 1939, when Hodgkin suggested it should await her own autobiographical account (never completed). (<i>Ferry p.392; Hodgkin A.168</i>). Received by courtesy of G. Ferry, October 2002.	1980s
A.6	Letters from Pagan about the project and its progress.	1978-1982

Biographical and personal, A.1-A.260

A.7-A.11	Articles and interviews	1947-1994
	Correspondence, drafts, information.	
A.7	1947-1983.	
A.8	1984-1994. Includes address given by M.F. Perutz at Hodgkin's Memorial Service.	
A.9	Undated.	
A.10	Correspondence on film and television appearances.	1978-1981
A.11	Requests for information	
A.12-A.57	CAREER, HONOURS AND AWARDS	ca 1918-1994
A.12-A.22	Early notes and juvenilia	ca 1918-1931
A.12-A.14	Three hand-made notebooks, with illustrations and maps, on English history. Made during the short period when Molly Crowfoot was teaching her children herself at Nettleham near Lincoln. (<i>Ferry pp.17-18</i>).	ca 1919
A.12	'Early Times'	
A.13	'The coming of the Saxons, the Danes and the Normans'.	
A.14	'From Henry II to Edward II'	

Biographical and personal, A.1-A.260

- A.15 Small red leather covered book, mainly containing hymns and pious poems in the hands of John and Molly Crowfoot. ca 1920
- Some poems in Hodgkin's hand are included: 'The Rooks', signed 'D.M. Crowfoot Jan 17th 1920 Nettleham Hall' and 'A Wonderful Voyage' with a later manuscript note 'written by D. Crowfoot aged 11-13. N.B. When I wrote this I had not read "Ancient Mariner" '.
- Also included on a loose page is a poem 'To Betty'.
- A.16 'Nature Diary', small notebook with brown paper cover, n.d., perhaps 1920 ?1920
- Entries run 10 June-12 August (no year), with water-colour illustrations of birds, flowers etc. Entry for 17 July refers to her mother dyeing fabrics.
- A.17 'Nature Note Book P.N.E.U. [Parents National Education Union]'. ?1918-1922
- Hodgkin attended a P.N.E.U. school at Burgess Hill, Sussex, 1918, and the book (descriptions of wild flowers with water-colour illustrations) may have been started then; several drawings are dated 1922.
- A.18 Small dark green 'Chemistry Notebook of experiments done at home. Dorothy M. Crowfoot'. 1924
- Both ends of book used.
- Notes on Borax beads (sic) and other experiments one dated 1924, perhaps dating from work to amuse her sisters when in quarantine for mumps (*Ferry pp.28-29*).
- A.19 Small red and green notebook 'Joan Crowfoot. Science Chemistry', also on 'Borax beads'. 1924
- Various experiments ticked, one marked 7½/10 (?by Dorothy), from same period as A.18.

Biographical and personal, A.1-A.260

for the B.A. Honours Degree in Chemistry and was able to specialise in X-ray crystallography for her 'Part II' thesis under the supervision of H.M. Powell. After an important period in Cambridge 1932-1934 with J.D. Bernal, she accepted the offer of a Fellowship at Somerville and remained at Oxford until retirement.

Before taking up residence at Oxford in 1928, however, Hodgkin had spent the summer months with her parents on an archaeological expedition at Jerash in Jordan. She undertook the task of recording the mosaic designs of the excavated church pavements, which she completed, along with tesserae from later excavations (*Ferry pp.36-40, 52-54*) during her undergraduate days. This contribution to archaeological research at an early age is recorded at A.25. See also J.18-J.20.

- | | | |
|------|--|------------|
| A.25 | Letter from the President, Yale University, thanking Hodgkin for her work on mosaics, 3 July. | 1928 |
| A.26 | Miscellaneous items.

Includes note <i>re</i> Hodgkin's donation to the Girls' Club Rotherhithe (<i>Ferry p.58</i>), tour brochure for Ober-Ammergau Passion Play (<i>Ferry p.58</i>), letter to parents on work on tesserae 1930 (<i>Ferry pp.52-54</i>), letters of congratulation on First Class Honours (<i>Ferry p.74</i>). | 1929-1932 |
| A.27 | Correspondence from A.F. Joseph ('Uncle Joseph') on plans for future research and Hodgkin's visit to Heidelberg summer 1931.

Also included is a later (1933) letter about 'your celestial friend' (Hongying Liao q.v.) and undated, unsigned letter on possible research at Uppsala (<i>Ferry pp.62-63</i>). | 1931, 1933 |
| A.28 | Miscellaneous correspondence relating to Hodgkin's visit to Heidelberg in 1931. | 1931 |
| A.29 | References for Hodgkin's application for post of Demonstrator in Chemistry, Bedford College London

Hodgkin applied (unsuccessfully) for the post while completing her Part II thesis and before her move to Cambridge was decided (<i>Ferry pp.70-72</i>). | 1931 |

Biographical and personal, A.1-A.260

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|-------------------|--|------------------|
| A.30 | Material relating to Oxford University Junior Scientific Club.

Accounts, subscriptions, correspondence with college secretaries etc.

Hodgkin was Treasurer, Trinity Term 1932. | 1932 |
| A.31 | Manuscript notes on candidates for Oxford entrance. | N.d. |
| A.32 | Miscellaneous items on Somerville affairs, events, buildings, appeals, etc. | 1934-1992 |
| A.33 | Election as Fellow of the Chemical Society, February 1932, and a later letter on the award of the Longstaff Medal 1983.

See also E.31-E.33 and <i>Hodgkin E.63-E.67</i> . | 1932, 1983 |
| A.34, A.35 | Cambridge 1932 and later | 1932-1939 |
| A.34 | Miscellaneous correspondence.

On career (<i>Ferry p.75</i>), houses and lodgings (<i>Ferry p.83</i>), award of the Muriel Onslow Prize of 25 guineas, Newnham College 1939. | 1932-1939 |
| A.35 | Miscellaneous items. | 1933 |
| A.36-A.57 | Later career, honours and awards | 1937-1994 |
| A.36 | Marriage to Thomas Hodgkin, 16 December.

Notice, letters and telegrams of congratulation on engagement and wedding. | 1937 |
| A.37 | Letters of congratulation

Congratulations 1955 (B12) and 1956 (Royal Medal). | 1955-1956 |

Biographical and personal, A.1-A.260

- /... Also letter suggesting Hodgkin should allow her name to go forward for the Chair of Chemistry, Westfield College London (no reply).
- A.38 Correspondence on possible chair at Leeds University. 1960, 1982
- Hodgkin was actively considering this but declined when offered the first Wolfson Royal Society Research Professorship (*Hodgkin A.68, A.69; Ferry pp.283-285*).
- Included here is a letter at the closure of Hodgkin's Extraordinary Fellowship at Wolfson College, 1982.
- A.39-A.41 Nobel Prize for Chemistry 1964-1983
- (*Hodgkin A.73-A.91; Ferry ch.8*).
- A.39 Presentation speeches, programme of special performance of Ghanaian dances given in Ghana to celebrate the prize. 1964
- A.40 Information, programme etc of 75th Anniversary Conference. 1975
- Hodgkin lectured on 'The structures of insulin'.
- A.41 Miscellaneous later material. various dates
- Declarations on disarmament, invitations to meetings and visits (especially 1983).
- A.42 Various career and honours 1966-1968
- Includes Honorary D.Sc. Harvard University 1968 (*Hodgkin A.108*).
- A.43 Congratulations on insulin structure. 1969
- A.44 Honorary D.Sc., Brown University. 1970

Biographical and personal, A.1-A.260

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|------|--|------------|
| A.45 | School speech days and prize-givings | 1972-1974 |
| A.46 | Various career and honours.

1974 Honorary D.Sc. Yale University; 1976 Honorary D.Sc. Modena University; Foreign Membership USSR Academy of Sciences; Honorary D.Sc. Amherst. | 1974, 1976 |
| A.47 | Honorary Fellowship, Royal Society of Medicine.

Correspondence. | 1978 |
| A.48 | Honorary D.Sc, Open University 1979

Correspondence. | 1978-1979 |
| A.49 | Honorary President, World Cultural Council. | 1982 |
| A.50 | Austrian Academy of Sciences: Election as Corresponding Member 1982, Honour Award for Science and Arts 1983.

Correspondence on awards, travel to Vienna for the ceremony, later correspondence on meetings, in particular the Centenary celebrations 1988 (<i>Hodgkin A.145</i>). | 1982-1988 |
| A.51 | Lomonosov Gold Medal of the USSR Academy of Sciences

Letters of congratulation (<i>Hodgkin A.144</i>). | 1983 |
| A.52 | Onassis Prize

Information, 'Laudatio' to Pugwash, Hodgkin's speech of acceptance.

The Prize was awarded to Hodgkin on behalf of the Pugwash Conferences, and accepted by her in Athens, 15 June. | 1987 |

Biographical and personal, A.1-A.260

- | | | |
|------------------|---|------------------------|
| A.53 | Election as a Kentucky Colonel. | 1990 |
| A.54 | 80th birthday

Recollections and greetings from UK and overseas friends, colleagues, pupils etc.

Bound volume of letters, cards, telegrams, printout, diagrams and drawings. With a little loose material.

Hodgkin celebrated her birthday at Crab Mill on Sunday 13 May 1990. | 1990 |
| A.55 | Greetings (from Insulin Group). | 1993 |
| A.56 | Letter on the naming of a minor planet in the solar system in Hodgkin's honour. | 1994 |
| A.57 | Illness and last days. | 1994 |
| A.58-A.96 | MISCELLANEOUS BIOGRAPHICAL ITEMS | 1922-1994, n.d. |
| A.58-A.67 | Diaries | 1923-1989 |
| A.58 | Small diary bought in Florence, entries run 1 January-9 May 1923.

Hodgkin spent this period with her maternal grandmother and aunt at their Villa Lincolnia, San Remo. Her mother arrived from Khartoum on 16 April and they returned to London via Paris on 24 April. Hodgkin records her First Communion on Easter Day, 1 April (<i>Ferry p.21</i>). See J.12. | 1923 |
| A.59 | Collins pocket diary.

Few entries, mainly by Luke Hodgkin. | 1945 |

Biographical and personal, A.1-A.260

A.60	University of Bristol diary. Few entries.	1972-1973
A.61	Small black diary. Miscellaneous scientific and personal entries, perhaps used over a period.	1974
A.62	Desk diary.	1979
A.63	Small pocket diary.	1982
A.64	Small pocket diary.	1983
A.65	Oxford University diary.	1985-1986
A.66	Black diary	1987
A.67	Oxford University diary.	1988-1989
A.68-A.71	Passports	1970-1990
A.68	Passport issued 1970.	
A.69	Passport issued 1977.	
A.70	Passport issued 1984.	
A.71	Passport issued 1990.	

Biographical and personal, A.1-A.260

A.72-A.76	Other	1922-1925, n.d.
A.72	Miscellaneous membership and other cards	N.d.
A.73	Small pocket-book size New Testament, from Hodgkin's aunt Violet Holdsworth.	N.d.
A.74-A.76	Three journals kept by Dorothy Hood ('Aunt Dolly') recording their car journeys from Italy to London.	1922-1925
A.74	'Motor Tour San Remo-London and back 1922'.	
A.75	'San Remo to London 1924'.	
A.76	'San Remo to London 1925'.	
A.77, A.78	Houses	N.d.
A.77	Brief correspondence on flats and houses occupied by the Hodgkin family. Include Bradmore Road; Powder Hill House, Boars Hill; 94 Woodstock Road (including note of burglary in which Hodgkin's Royal Medal was stolen); Crab Mill Ilmington.	
A.78	Memorabilia. Children's drawings, poems, cartoons, sketches for plays at Powder Hill and Ilmington.	
A.79-A.86	Money	1927-1986, n.d.
A.79	Bank book.	1928-1930

Biographical and personal, A.1-A.260

A.80	Cash book 'Michaelmas 1929'. Some later notes.	1929
A.81	Hodgkin's draft will.	1970
A.82	Gifts and loans to family and friends.	N.d.
A.83	Miscellaneous gifts, subscriptions, begging letters.	N.d.
A.84	Miscellaneous bank statements, income tax coding, college battels, university pension, travel, investments etc.	1931-1986
A.85	Correspondence and papers on estate of J.W. Crowfoot (Hodgkin's father).	1927-1960
A.86	Correspondence and papers on estate of G.M. Crowfoot (Hodgkin's mother) 1957-1958. Also includes letter <i>re</i> legacy from Mrs G.M. Hood 1960.	1957-1958, 1960
A.87	Health Manuscript note of onset and progress of rheumatoid arthritis 1934-1945; prescriptions, doctors' appointments 1932-1962. (<i>Hodgkin A.204</i>).	1932-1962
A.88, A.89	Archives and models	1978-1984, n.d.
A.88	Correspondence <i>re</i> Hodgkin's manuscripts. (<i>Hodgkin A.196</i>).	1980 and n.d.

Biographical and personal, A.1-A.260

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|------------------|--|-------------------------------|
| A.89 | Correspondence on drawings and models.
<i>(Hodgkin A.198).</i> | 1978-1984 and
n.d. |
| A.90-A.92 | Personal | 1941-1964 and
n.d. |
| A.90 | Poems.

Includes poem by Thomas 'Looking back over four years' (1941), poem for Thomas's Victory Party (1945), Ghanaian poem for Hodgkin's Nobel Prize 1964, and others. | 1941-1964, n.d. |
| A.91 | Christmas and New Year greetings cards, with messages by Hodgkin,

Apparently not sent. | N.d. |
| A.92 | A pattern for a 'monkey suit' made by Hodgkin for Pamela Wrinch Nicholson (daughter of Dorothy Wrinch q.v.), with a letter. | N.d. |
| A.93 | Photographs and portraits

Miscellaneous shorter correspondence (<i>Hodgkin A.205-A.209</i>). | 1960-1987 |
| A.94 | Autographs

Requests for autographs, signed photographs, etc. (<i>Hodgkin A.199-A.201</i>). | N.d. |
| A.95 | Social invitations

Invitations and occasions (<i>Hodgkin A.212-A.220</i>). | 1951-1994 |

Biographical and personal, A.1-A.260

A.96 **Press-cuttings** **N.d.**

Press cuttings, articles etc (*Hodgkin A.221, A.222*).

A.97-A.224 **FAMILY CORRESPONDENCE** **1923-2003**

The material is presented in alphabetical order, with a note of the family relationship when this is known.

A.97, A.98 **Elisabeth Grace Crowfoot** **1939-1990**

Elisabeth Grace, addressed as Liz, more usually as Betty, was born in 1914, the third of the Crowfoot daughters. She trained for the stage at the Central School of Drama, London, and acted at the Alexandra Theatre Birmingham, Festival Theatre Cambridge and the Maddermarket Theatre Norwich. Later she lived at Geldeston with her parents, and after their death at Riverview (in Geldeston).

A.97 **Letters to Thomas** **1939, 1952-1953, n.d.**

Not all dated.

1939 (coming of war), 1952-1953 (some asking Thomas's advice on a novel or play she was writing, set in Palestine).

A.98 **Letters.** **ca 1940-1990**

Very few dated.

Early letters from Alexandra Theatre describe bombing raids on Birmingham and damage. Letters 1969 and 1970 describe visits to Katie and Jimmy Collins (q.v.). Later letters deal with settlement of parents' estate.

Letters from her son Johnny are also enclosed here.

Biographical and personal, A.1-A.260

A.99-A.118 **Grace Mary Crowfoot ('Molly')** **ca 1923-1983**

Hodgkin's mother, née Hood, was a remarkable woman. Born into a comfortable country family in 1877, she received no formal education. By her own talent and determination, however, her family connections and especially her marriage in 1909 to John Crowfoot and consequent residence in Cairo, the Sudan and the Middle East, she made herself an authority on flowering plants, weaving and dyeing techniques, pottery and glass-making. She published extensively on these topics.

Her letters are exceptionally difficult to date, since she and her husband spent several months each year on archaeological digs (where one or more of their daughters might join them), returning to their Geldeston home between expeditions.

The expeditions - to Nablus, Jerash and Samaria - the finds and the camp life are described in lively terms, and often result in requests to Hodgkin for help in identifying mosaics, crystals, plants and herbs.

During her parents' frequent absences, Hodgkin was responsible for her younger sisters and for domestic arrangements. Several of her parents' letters refer to modest sums sent for Christmas and birthday presents and for household bills.

A.99 'Archaeological biography' of her mother by Elisabeth Crowfoot. 1996

15pp typescript draft dated 13 November 1996. Received from G. Ferry, 22 October 2002.

A.100-A.112 Letters. ca 1923-1957

A few of these letters are addressed to the family as a whole, or to her younger daughters. By far the majority are to Hodgkin.

The dating offered is approximate as very few letters carry more than an indication of day and month.

A.100 1920s.

From Sudan and British School of Archaeology, Jerusalem.

Biographical and personal, A.1-A.260

- A.101 1930, 1931.

From Geldeston, Jerusalem, Jerash, Nablus,
Constantinople.
- A.102 1932.
- A.103 1933.

References to 'Mr Bernal', 'Mr Waddington', Hodgkin's
help with proof-reading, Research Fellowship at
Somerville, Molly's thoughtful letters of advice to her
daughter on her emotional relations with Waddington,
Christmas cheque £5 for the four girls. *Hodgkin A.160,*
A.189.
- A.104 ?1935

Includes letters from Joan Crowfoot, in Palestine with her
parents.
- A.105 1937.

Includes a letter from Dorothy to her mother, 3 March.

Engagements of Joan and Denis, Dorothy and Thomas,
wedding arrangements.
- A.106 1938.

Hodgkin's pregnancy, arrangements for birth, Molly
Crowfoot's research on ivories and pottery.
- A.107 1939.

Birth of Joan Payne's daughter Julian, Hodgkin's rheumatism.
- A.108 1940.

Biographical and personal, A.1-A.260

- A.109 1941-?1943
- A.110 1944-?1947.

Several letters to Thomas on his application for Oxford Extra-Mural post, 1945 General Election, Dorothy's rheumatism, comments on an article on the Sudan, post-war visit to villa at San Remo.
- A.111 1950-1957.

References to Hodgkin's gift of £500 for the publication of John Crowfoot's book (A.123), award to Hodgkin of Royal Medal and her mother's journey to London to see her receive it (*Ferry p.279*).

Last letter (undated) refers to Hodgkin's trip to Scandinavia in March 1958 with requests for photographs etc on ancient textiles from contacts in Scandinavia. Mrs Crowfoot died in 1957.
- A.112 Fragmentary or not datable letters, all periods and topics. 1930s
- A.113 Letters from Hodgkin to her parents. 1954, 1955
- A.114 Miscellaneous notes and writings by Molly Crowfoot. N.d.

Includes notes on the Roman toga; and 'Account of the Relief Expedition, written by Grace Mary Hood Jan. 1909'. This is a 10pp typescript describing the effects of an earthquake in Calabria and Sicily and an expedition led by Molly and her sister Dorothy from San Remo, with a few other friends, to help the victims.
- A.115 Manuscript and typescript material relating to Molly Crowfoot's writings, especially on Palestinian folktales in collaboration with Louise Baldensperger. N.d.

Also note on Molly and her work by Elisabeth Crowfoot.

Biographical and personal, A.1-A.260

- A.116 Miscellaneous later correspondence. 1957-1983
- Includes a note on Molly Crowfoot's lecture at Downe House 1928 and (1981) *re* deposit at Kew of her botanical drawings of the Sudan.
- A.117 Correspondence with sculptor *re* headstones for Molly and John Crowfoot. 1957-1960
- A.118 Photocopy of a letter to 'My dear Dorothy', welcoming the news that Molly's plan for medical education for women in the Sudan had been approved.
- No date or addressee. See A.221, letter from Diana Rowley to Hodgkin identifying the recipient as Dorothy Willis, who had sent the letter to her, and suggesting two possible dates 1916 and 1921. Hodgkin also refers to it in a letter to Thomas at A.199.
- A.119-A.122 **John Winter Crowfoot** 1924-1959, n.d.
- Hodgkin's father (1873-1959) was described as 'one of the legendary figures of Sudan archaeology'.
- He became a civil servant in the the Department of Education in Cairo in 1901, moving to Khartoum as Assistant Director of Education in the Sudan 1903-1908, returning, after a further spell in Cairo, as Director of Education and Principal of Gordon Memorial College 1914-1926. On his retirement, he was almost immediately offered the post of Director of the British School of Archaeology in Jerusalem which he occupied 1927-1935. His excavations in Palestine were accompanied by his wife and from time to time by his daughters. He continued to publish the results through his retirement years, See A.120.
- A.119 Letters to Hodgkin. 1924-1939
- Many are 1p only. From various sites especially Nablus, with details of excavations. Letter of 9 December 1924 describes the suppression of the mutiny. (*Ferry pp.24-25*).

Biographical and personal, A.1-A.260

- A.120 Letters to Hodgkin. 1941-1959
- Letter 22 August 1955 welcomes gift from Hodgkin to help with publication of last volume of his studies of Samaria. See also A.111, A.123.
- A.121 Letters to Thomas 1942-1959
- A.122 Letters of condolence on the death of John Crowfoot (1959), obituary from *Kush* (n.d.). 1959, n.d.
- A.123 **Sir Frederic and Lady Hamilton**
- Correspondence with Sir Frederic and Lady Hamilton (like Dorothy Forster Hodgkin, one of the Smith daughters), on the gift of £500 to Hodgkin 'Dorothy Junior'. (*Hodgkin A.160*).
- A.124, A.125 **Dorothy Forster Hodgkin (née Smith)** 1937-1974
- Hodgkin's mother-in-law, wife of R.H. Hodgkin q.v.
- The Hodgkins had bought Crab Mill, Ilmington, for their eventual retirement. It became a favourite weekend retreat for all the family. Dorothy and Thomas Hodgkin used it in their turn as a retirement home, and as a peaceful retreat for colleagues.
- Most of the letters are sent from Crab Mill; some from the early 1940s are from Queen's College Oxford where Robin Hodgkin was Provost. Later letters (from 1968) are from The Grey House, Ilmington. Not all are dated.
- A.124 1937-1949
- Early letters express joy at the engagement to Thomas (*Ferry p.125*). Many refer to Luke's and Liz's babyhood when they were often left in the charge of their grandmother.

Biographical and personal, A.1-A.260

- A.125 1953-1974 and n.d.
- Includes references to hopes of Nobel Prize 1957, Luke's marriage 1959.
- A.126-A.128 Edward Hodgkin 1939-1992, n.d.**
- Edward Hodgkin was Thomas's younger brother. He worked as a journalist for the *Manchester Guardian* and *The Times* (*Hodgkin A.158*).
- A.126 1939-1971 and n.d.
- Includes a letter to Molly Crowfoot ca 1939, after a stay at Geldeston.
- A.127 ca 1973-1992 and n.d.
- Several letters postdate the death of Thomas and refer to recollections received, appeal, publication of 'Don Tomás', photograph of Thomas's grave.
- A.128 Letters from Edward Hodgkin to his parents during his army service in World War II, none dated. 1939x1945
- A.129-A.138 Luke Howard Hodgkin 1939-1954, n.d.**
- Luke was Dorothy and Thomas's first child, born 20 December 1938 and named after Luke Howard FRS, meteorologist and great-great-grandfather of Thomas.
- A gifted child, he learned to read, write and type at an early age and liked to enclose his own messages to his father to be sent with his mother's letters.
- A.129 Notes by Thomas on Luke's language acquisition and behaviour 1939-1940
- Included here is material re Luke Howard.

Biographical and personal, A.1-A.260

A.139-A.153 Prudence Elizabeth Hodgkin ('Liz') 1941-1994

Dorothy and Thomas's second child was born on 23 September 1941. Like both her parents, she was a lively and frequent letter-writer and like them, rarely dated letters fully. She shared their political and humanitarian interests, teaching in Zambia, the Sudan and, until the fall of Saigon, in Hanoi. In 1989 she joined Amnesty International.

She witnessed several overseas political upheavals and took a keen interest in left-wing developments.

Her correspondence is thus of historical and anthropological as well as personal interest, though many of the letters, with few dates and faint or indecipherable date stamps, are of uncertain order. (*Hodgkin A. 159*).

A.139 Early material: 1941-1959

Memorial of baptism in Queen's College Chapel, 1941.

Birthday letter from R.H. Hodgkin (grandfather) 1946.

Letters and cards 1950s, including Oxford High School reports.

Cambridge University entrance timetable 1959.

A.140 Letters from Sudan, January-May. 1960

A.141 Letters from Cambridge. 1962

A.142 Letters from Leeds. 1963-1964

Liz's first teaching post was in Leeds.

A.143 Letters to Liz from Hodgkin 1962-1964

A.144 Letters from Zambia. 1965-1967, n.d.

Mainly from Kasama where Liz was teaching.

Biographical and personal, A.1-A.260

A.154 **Robert ('Robin') Howard Hodgkin** **1926-1942**

Few letters only, 1926, 1937 (to Hodgkin, on her engagement), 1942 (to Thomas).

R.H. Hodgkin, Thomas's father lived 1877-1951. He was Provost of Queen's College Oxford 1937-1951.

A.155 **Robin Allason Hodgkin** **1958, 1961,
2003**

Two letters only 1958, 1961, information on Abbotsholme School (R.A. Hodgkin was Headmaster), obituary 2003.

Thomas's cousin, brother of Alan Hodgkin FRS.

A.156-A.207 **Thomas Lionel Hodgkin** **1928-1983**

Dorothy Hodgkin's husband, whom she met at the home of Margery Fry while working at the Royal Institution at Easter 1937 and married in December of the same year.

Thomas Hodgkin (1910-1982) served in the Colonial Office in Palestine 1933-1936; he worked as a Staff Tutor for the Workers Educational Association 1939-1945. From 1946 to 1952 he was Secretary to the Oxford Delegacy for Extra-Mural Studies; visits to the Gold Coast (later Ghana) and the Sudan to initiate adult education courses led to a lifelong love for Africa and Africans. He undertook many subsequent journeys, studying the previous history of the regions and identifying himself with their growing nationalism and struggles for independence. He became the first Director of the Institute of African Studies at the University of Ghana 1961-1965, and wrote widely on African history and politics.

Thomas was himself a prolific and lively correspondent, with a distinctive small neat handwriting, sloping upwards and always leaving a wide left-hand margin often filled with addenda. Few of his letters survive in this collection; they are presented at A.156-A.159. Letters which were incorporated in other items are noted in the Index. Two collections of his letters have been published: *Thomas Hodgkin: Letters from Palestine 1932-1936*, ed. E.C. Hodgkin, London 1986, and *Thomas Hodgkin: Letters from Africa 1947-56*, ed. Elizabeth Hodgkin and Michael Wolfers, London 2000.

The overwhelming majority of the material presented here

Biographical and personal, A.1-A.260

is Dorothy's correspondence with her husband, from their engagement in 1937 to 1977. The correspondence continues steadily through his wartime absences in the north of England as a W.E.A. tutor and his later extended travels and residence in Africa, with varying gaps during his presence with the family in Oxford.

It forms a rich source of information about Hodgkin herself, her research and career, and also into the social and political activities of a liberal-socialist well-connected middle class family of the time. Thomas himself was a member of the Communist Party from 1936 to 1949; Dorothy did not take this step but she was an active member of the Oxford Labour Party, attended its meetings and demonstrations, and always retained a favourable view of the Soviet Union.

Dorothy aimed to send a letter each day (on more than one occasion she sent two on the same day), no matter what the hour, the conditions or the materials to hand. Many letters are dog-eared, torn and dirty; some are on headed writing paper from Somerville College, various laboratories or Crab Mill, but more are on odd scraps of paper. They are written in college, in the laboratory, on trains or in train stations, at the dentist's, from hospital, in her garden, the University Parks, or during college committee meetings. They are almost always (Sundays are an exception) hurried or late, with Dorothy dashing out to catch the last post, missing it, and sometimes finding an unposted letter in her pocket several days later.

Tantalisingly, and especially during the early years of her marriage, very few are fully dated, some not at all. Every effort has been made to supply an approximate date from context, reference to academic, career or domestic events, to the early chronicles of the children's development, or to the notes of the weather, garden or scenery which Hodgkin frequently included. Some have tentative dates added in Thomas Hodgkin's hand. The airmail letters of the later years are more fully dated and postmarked.

The content of the letters is of great interest. In the early years (1938-1944) Hodgkin was under much pressure with days full of 'jobs' as she called them, in house, college and laboratory. Her scientific work was advancing quietly on several fronts with a growing research team and increasing respect from the wider scientific community. Her college responsibilities of committees, interviews and admissions, and the teaching of her 'girls' remained tasks which she fulfilled, not always with great joy and sometimes in rather a rush. The births, babyhood and growth of her children, their ailments, absences and achievements at school, are a constant theme.

Biographical and personal, A.1-A.260

Added to these was the family tradition of casual entertaining. Colleagues from the laboratory like Carlisle or Riley, others from outside Oxford such as Bernal, Perutz or Waddington, Labour Party associates, Somerville friends and wartime evacuees often arrived unannounced. Much hospitality was given and received. There were always maids and a cook to assist, but surprisingly little mention is made of wartime rationing and shortages.

Despite her fatigue - Hodgkin often writes of going to bed, or dropping off to sleep, at 9.30 - political or scientific discussions with friends would continue till 1.00 or 2.00 am, after which she might fit in reading for the next day. Only once does she seem to buckle, writing in a letter dated 'Monday' (A.167, probably 1940) 'Sometimes I feel depressed and wonder whether it's worth the struggle to keep this place and work going'. Otherwise she maintains an unruffled youthful alertness, unfazed by unheralded (or forgotten) events. During this period, husband and wife aimed to spend alternate weekends in Cumbria or Staffordshire where Thomas was teaching, or in Oxford; she writes with longing expectation, or happy recollections, of these meetings. Though she herself had complicated arrangements to make before she could get away, her concern is always that Thomas might find the travel too exhausting.

From the middle 1940s the pace of 'my hard working days' increased and with it growing recognition and success. Modest though she was, Hodgkin gains confidence, becoming more forthright in giving assessments of people or issues, bolder in recommendations, or dismissals, of candidates for academic or other posts, more experienced in discreet 'wire-pulling', more prepared even to have Thomas and his visits fit into her own schedule of engagements. In the 1950s the letters are more factual on research meetings and conferences, with more technical detail than she previously gave to Thomas; this may reflect her growing fame and confidence, or perhaps his fuller comprehension of her work. Generous hospitality continued, as the family expanded to include visiting colleagues and her children's wide circle of friends.

Hodgkin enjoyed the 'nice companionship' of 'a lovely houseful', or '23 people to tea, of very mixed kinds, mostly unexpected'.

Hodgkin's day-to-day organisation was notoriously chaotic. Missed posts, lost trains, overlooked dates, absence of pens, pencils and paper or scrambles against the clock were common but accepted facts of life. On one occasion, after a visit to Cambridge for meetings with Perutz and Lawrence Bragg, she missed her rail

Biographical and personal, A.1-A.260

connection from London to Oxford and spent a 'horribly cold' night on Paddington Station, catching the dawn train and arriving home in Oxford at 7.30 to find Luke 'somewhat weepy' (undated letter at A.167, probably 1940). The last letter in the sequence (A.240), from 'Seattle and San Francisco' dated 20 February 1977, includes the information that she has inadvertently brought the car keys with her, has no address or telephone number for her daughter Liz and no envelope for her non-airmail letter (written on Crab Mill paper). Yet here as always the tone is of tender unquestioning devotion.

The correspondence has been drawn upon extensively by Ferry in her biography. Cross-references to her text and notes are given as far as possible.

A little material following Thomas's death in 1982 is at A.205-A.207.

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|-------------|--|--------------------|
| A.156-A.159 | Letters from Thomas. | 1938-1982 |
| | Some of these are fragmentary and not fully dated, written in ink or faded pencil. Letters from Africa may be dated 'your time', 'their time'. | |
| A.156 | Miscellaneous letters and pages from letters 1938-1949. | 1938-1949,
1982 |
| | Also included here is an obituary of Thomas 1982. | |
| A.157 | Letters and fragments. | 1950s |
| | Many during travels in Egypt and elsewhere in Africa. Includes 17 November 1959 letter setting out his wishes for 'a good old-fashioned Christian burial' (<i>Ferry p.387</i>) and other bequests. | |
| A.158 | Letters and fragments. | 1960s |
| A.159 | Letters and fragments 1970s, 1980s | 1970s, 1980s |
| | Folder also includes miscellaneous manuscript notes. | |

Biographical and personal, A.1-A.260

- A.166 January-June 1940 and undated.
- Internment of M.F. Perutz; visits from Bernal; work on insulin; meeting ?23 May with Iris Murdoch 'charming classical exhibitor' and 'staunch supporter' of Labour Club.
- A.167 July-December 1940 and undated
- Arrival in Oxford of bombed-out East Londoners, and the Whitelock family (*Ferry pp.180-182*); insulin research and publications.
- A.168 January-March 1941 and undated.
- Departure of Whitelock family (*Ferry p.182*); research arrangements with Bernal; upset over 'foul creatures' in Luke's hair; letter from 'the Rockies' [Rockefeller Foundation] awarding £1,000 'rather terrific and embarrassing' [January]; first mention of new pregnancy 9 February; work on diamonds.
- A.169 April-June 1941 and undated.
- Mainly domestic news and visitors.
- A.170 September-December 1941 and undated.
- Birth of Prudence Elisabeth 23 September; full daily dated letters from hospital to 6 October including 28 September praise for Soviet Russia's system of childcare, parks and 'that sort of atmosphere' (*Ferry p.267*); further grant from 'the Rockies' 12 October; undated letter recalls her first meeting with Thomas (*Ferry pp.120-121*); undated letter ca 23 November on crystallisation of penicillin (*Ferry p.194*); visit from Bernal 6 December.
- A.171 January-June 1942 and undated
- Letters and cards, sent very frequently, sometimes twice per day, few dated or assignable.
- This was a very busy time for Hodgkin. She often says she has fallen asleep over work or household chores, and has disturbed nights with the children.

Biographical and personal, A.1-A.260

- A.172 2 June-August 1942.

Letters in August are from Geldeston, Norfolk.
- A.173 4 September-17 December 1942 and undated.

Luke at Cutteslowe School 8 September; Rockefeller report on insulin; difficulties of working with penicillin October-November; working with B. Low (*Ferry p.195*); intensive experiments on insulin and penicillin; family chickenpox.
- A.174 January-April 1943 and undated.

Includes 'state of bliss' at successful cholesterol analysis presented at Cambridge by H. Carlisle (*Ferry p.189*) 17 January; new treatment for arthritis with Dr Cyriax 6 February; letters to Thomas from 'Audrey' n.d.; receipt of insulin from A.C. Chibnall 15 February; tonsil extraction April.
- A.175 1 June-31 December 1943 and undated

Few letters dated.

Includes 'a very exciting day', synthesised penicillin; continued Rockefeller grant 29 September; membership of penicillin chemists' committee (*Ferry p.200*).
- A.176 January-June 1944 and undated.

Visit from Bernal 20 February; possible career moves; Luke's preciosity (and mumps) (*Ferry p.227*); American penicillin brought by K. Lonsdale n.d. (*Ferry p.203*); interview with R. Robinson about organisation of the Crystallography Department (*Ferry p.202*).
- A.177 September-10 December 1944.

Hodgkin's miscarriage (2 letters from Shipston-on-Stour Hospital) September (*Ferry p.207*); appointment of Janet Vaughan as Principal of Somerville College (elected November); penicillin research; approach to Dragon School to take Luke 19 November.

Biographical and personal, A.1-A.260

- A.178 11 January-11 September 1945 and undated.
Successful work on penicillin ('Am extremely cheerful' 11 January); visit from K. Lonsdale with news that 'M.R.C. would back me up to £3000' 4 March; Bernal's proposed research institute 11 March (*Ferry p.225*); appointment as University Demonstrator n.d. (*Ferry p.224*).
- A.179 1946.
Two notes only, n.d. but after birth of Toby in May.
- A.180 1947.
11 February-24 June 1947 and undated: letters to Thomas in Lagos and Accra.
Election to the Royal Society 14 March (*Ferry p.229*); refusal of visas for eight UK scientists to visit Soviet Union 24 June.
6 October-18 November: letters from America on Hodgkin's first trip to USA (*Ferry pp.231-235*).
- A.181 1948.
March, to Thomas in Africa (one letter only); July-August to Thomas from Hodgkin in America.
- A.182 1949.
June, from Hodgkin at Cold Spring Harbor Conference (*Ferry p.265*); December, to Thomas in Nigeria (one letter only).
- A.183 1950.
Two letters only, January, to Thomas in Accra.
- A.184 1951.
Three letters only, January, March, to Thomas in Lagos.

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Biographical and personal, A.1-A.260

- /... Preparations for move to Powder Hill, Boars Hill, Oxford.
- A.185 1952
August-December, to Thomas at Dakar and other French West African states.
Family now living at Powder Hill. Some letters include contributions from children.
- A.186 1953.
4 January-5 March, to Thomas in French North and Equatorial Africa.
Hodgkin's postponed visit to Holland; news of Stalin's death 'comes as a sad blow' 7 March.
16, 22 September, letters from Moscow on Hodgkin's first visit to the Soviet Union, led by Bernal, very enthusiastic (*Ferry pp.266-271; Hodgkin F.7*).
- A.187 1954.
Three letters only, June-July, to Thomas in Addis Ababa.
No letters survive for 1955 but letter of 8 January 1956 refers to correspondence of the previous year.
- A.188 1956.
Five letters only, others probably missing, January-June, to Thomas in French West Africa.
- A.189 1957.
Four letters only, January-November.
The Hodgkins were now living, together with Joan Payne and her children, at 94 Woodstock Road, Oxford.

Biographical and personal, A.1-A.260

- A.190 1958
- May, 3 letters only, to Thomas in Accra.
- Margery Fry's Memorial Service; Honorary Degree for J.W. Crowfoot, Hodgkin's father.
- 30 October-11 December, to Thomas at Institute of Islamic Studies, Montreal, Canada.
- Includes letter on 'Nobel Prize troubles'; news of Anna Davin's pregnancy and marriage 'come Christmas' to Luke, 30 October and later (*Ferry p.282 and p.288*); deputation on disarmament to House of Commons 11 December.
-
- A.191 1959
- Two letters only surviving, 6, 30 November, to Thomas in Mali.
-
- A.192 1960
- January-December and undated, to Thomas in Accra.
- Discussion of possible career moves to Leeds, or to Imperial College London; appointment to Wolfson Chair May (*Ferry pp.283-284; Hodgkin A.68, A.69*).
-
- A.193 1961.
- Five letters only surviving.
- Includes news of formal offer to Thomas of post of Director, Institute of African Studies, University of Ghana, with very favourable conditions 14 November.
-
- A.194 1962.
- February-November, to Thomas in Accra and other African centres.
- Includes brief reference to Cuban Missile Crisis 'expecting the worst from Kennedy at midnight' 23 October; award of Nobel Prize in Chemistry to M.F. Perutz and J.C. Kendrew 'which is extremely nice and wholly deserved', 6 November.

Biographical and personal, A.1-A.260

- A.195 January-July 1963.

To Thomas in Accra.

Frequent references to early days at Linacre House (later College), and to severe winter in UK; Hodgkin's portrait by Sheila Fell delivered to Somerville College 15 February.
- A.196 October-December 1963.

To Thomas in Accra.

Arthritis attack described as 'a silly two days with a bad right hand' 10 November; eulogistic report by Helen Gardner on visit by Robbins Committee on Education to Soviet Union 14 November; Thomas ill with dengue fever 25 November.
- A.197 January 1964.

To Thomas in Zaire and Accra.

Steady progress with B12 research.
- A.198 June-July, October and undated 1964.

Hodgkin was awarded the Nobel Prize in Chemistry on 29 October. The last dated letter in the folder is 22 October and there is in consequence no mention of it here.
- A.199 1965.

January-June, to Thomas in Accra.

Offer to Hodgkin of Order of Merit 14 March and acceptance after telephone call from the Palace 17 March (*Ferry pp.294, 295*); many references to good progress on insulin research; last visit to Oxford by Bernal 23 May; offer to Thomas of newly-created lectureship in Government of African States (later New States) 31 May.

September, from Japan, Hong Kong and China (includes one letter to Toby) (*Hodgkin F.25, F.26; Ferry pp.340, 341*).

November, from Canada and USA.

/...

Biographical and personal, A.1-A.260

/...

Letter of 7 November refers to her mother's letter on medical education in the Sudan (A.118) then in the hands of Diana Rowley q.v. Hodgkin writes that it was 'written originally to Dorothy Willis about medical education in the Sudan - starting a fund for same. I wonder what happened to it'.

A.200

1966.

Two letters only, 19 June, 5 November, from Hanoi, incomplete.

A.201

1967.

January-February, includes letters from India (*Hodgkin F.37*).

June-July, includes letters from USA (*Hodgkin F.38-F.40*).

A.202

1968.

February, two letters only.

April-June, from Australia and New Zealand.

Includes meetings with Katie and Jimmy Collins (*Ferry p.335*, see also A.232).

A.203

1969.

May, three letters only.

August, 2 letters only.

A.204

1977.

One letter only, 20 February, from 'Seattle and San Francisco'.

Included here is a group of undated or fragmentary letters, all periods.

Biographical and personal, A.1-A.260

A.205-A.207	Miscellaneous material <i>re</i> Thomas	1928-1983
A.205	Miscellaneous correspondence, some fragmentary. Includes telegram 1959 from Paul Robeson accepting invitation to visit, on verso is Thomas's shopping list, perhaps for the occasion.	1928-1981
A.206	Letters of condolence on Thomas's death. Also correspondence <i>re</i> Thomas's grave at Tolon, Greece, and publication of his autobiographical poem 'Don Tomás'.	1982-1983
A.207	Miscellaneous material on health, finance, pensions, arrangements for the estate.	
A.208-A.210	Toby Hodgkin (John Robin Tobias)	1946-1985
	Hodgkin's third child, born May 1946.	
A.208	Juvenilia. Identity card, school reports, letters to parents.	1946-1958
A.209	1960s University of Newcastle 1964-1966, travels in India, Africa, Turkey, birth of son Simon.	
A.210	Later correspondence. Including lettes from Judith (Toby's first wife).	1970s, 1985
A.211	Hodgkin relations	1937-1982
	Alice Mary 1943; David 1969; Eliot 1982; Helen 1937-1966 and undated.	

Biographical and personal, A.1-A.260

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|--------------|---|----------------------|
| A.212 | Junior Hodgkins | |
| | Grandchildren, nieces and great-nieces. | |
| A.213 | (Aunt Violet) Holdsworth | 1947 |
| A.214 | Christabel Hood | 1938, 1959 |
| | 1959 item <i>re</i> Hodgkin's proposed visit to family villa at San Remo. | |
| A.215 | Dorothy ('Aunt Dolly') Hood | N.d. |
| | Mainly about 1959 San Remo trip. See also A.74-A.76.
Sister of Molly Crowfoot. Hodgkin's financial benefactor at various times. | |
| A.216 | Grace Hood | N.d. |
| | Hodgkin's grandmother, widow of Sinclair Hood.
Grace Hood and her daughter Dorothy (see A.215) moved to Oxford soon after the beginning of the Second World War (<i>Ferry p.182</i>).
Included here is a letter from a war widow, author unknown, sent to Grace and Dorothy 16 December 1942. | |
| A.217 | Sinclair Hood | 1956, 1977 |
| A.218 | Mary Keynes-Hamilton | 1975 and n.d. |

Biographical and personal, A.1-A.260

A.219 **Joan Payne (née Crowfoot)** **1932-1982 and
n.d.**

Correspondence includes letters 1979 *re* presentation of Joan Payne for an Honorary MA degree.

Hodgkin's sister, born 1912.

Joan took part with her parents in Middle East excavations in the 1930s. Her marriage to Denis Payne, and the birth of her first child took place at similar dates to Hodgkin's. Joan and Dorothy shared the house at 94 Woodstock Road until the late 1960s, when Joan moved near Cumnor, Oxford. She worked on the flint collections at the Ashmolean Museum, Oxford.

A.220-A.223 **Diana ('Dilly') Rowley (née Crowfoot)** **1940-1991 and
n.d.**

Hodgkin's youngest sister, born 1918.

Diana read Human Sciences at Somerville College Oxford. After her marriage to Graham Rowley, a Canadian archaeologist with special interests in Arctic research, she moved to Ottawa.

Her letters, mainly typed, are long full accounts of family life, including accounts of her own and her husband's research and publications, and expeditions to Northern Canada; they spent a sabbatical year in Cambridge 1968-1969. Many of the letters bring Easter, Christmas or New Year greetings, or are sent for Hodgkin's birthday on 12 May. (*Hodgkin A.156, A.157*).

See also A.20-A.22 for early school notebooks by Diana.

A.220 ?1940, 1948-1959.

A.221 1962-1969 and undated.

Letter of 30 September 1965 refers to Molly Crowfoot's letter about medical education in the Sudan, identifying the recipient as Dorothy Willis and suggesting two possible dates 1916, 1921. See also A.118, A.199

A.222 1970-1979.

Biographical and personal, A.1-A.260

A.223 1981-1991 and undated.

A.224 Shorter correspondence, with family connections, or reminiscences.

Includes 13pp typescript account of 'The Great William: William Miller 1769-1847', an ancestor of the Crowfoot family at Beccles, sent with two undated letters from 'Christabel'.

A.225-A.260 PERSONAL CORRESPONDENCE 1928-1994

In alphabetical order.

A.225 Antonius, K. 1937-1977

Includes a little material *re* George Antonius.

Letter 14 May 1965 recalls early meeting during Hodgkin's engagement to Thomas (*Ferry p.132*).

A.226 Baba, I. 1928-1931

Letters, cards, momentos.

Baba was a teacher at Beersheba Girls School.

A.227 Bedri, B. and Bedri, Y. 1971, 1974

Old acquaintances of the Crowfoot family.

A.228 Bernal, E. 1938, 1971-1983

A.229 Bosanquet, B. and Bosanquet, C. 1960, 1981, 1982

Biographical and personal, A.1-A.260

Hodgkin was an undergraduate. Sharing many political and humanitarian interests, she became a lifelong friend and confidant, though she resigned from Somerville in 1931. Her house in London became a frequent stop on Hodgkin's visits and was where she first met Thomas in 1937.

A.235

1932-1951.

Letter of 12 October 1936 refers to visit by 'D.W.' (Dorothy Wrinch) and asks Hodgkin to 'cope with P' (Wrinch's daughter Pamela). Letter of December 1937 is addressed to 'Beloved 2'.

Also includes obituary of Fry and entry for Fry in *Dictionary of National Biography* (by Thomas Hodgkin).

A.236

Nos. 1,2,3,7,9 of circular letters from Fry and Marie Michaelis on a world tour, September 1933-January 1934.

A.237

Harrison, A. St B.

1942, 1962-
1965

Letter of 1942 is to John Crowfoot.

A.238-A.241

Murray, K.M.E.

1932-1982

Elisabeth ('Betty') Murray was a contemporary of Hodgkin at Somerville. She read history and shared Hodgkin's archaeological interests. She was Registrar and Domestic Bursar at Girton College Cambridge 1938-1948 and Principal of Bishop Otter College Chichester 1948-1970. Fry refers passim to the attentive kindness Murray showed to Hodgkin at Oxford when she was overworking. Murray's letters, almost all carefully typed, often contain amusing accounts of 1930s life and travel, archaeological digs etc. (*Hodgkin A.167*).

A.238

1932-1939.

A.239

1940-1944.

From Girton College Cambridge.

Biographical and personal, A.1-A.260

- A.240 1950-1962.
- From Bishop Otter College where Murray continued to pursue archaeological interests.
- A.241 1970-1982.
- Letter of 16 December 1972 refers to Murray's work on a biography of her grandfather James Murray.
- A.242 Nzokou, L. 1971-1983
- (variant Njoku, *Hodgkin H.172*)
- A.243 Pusey, N. 1927, 1928
- Norah Pusey was a school friend of Hodgkin at John Leman School, with a similar interest in science. Unlike her, she was unable, for family reasons, to go on to higher education. (*Ferry pp.20, 34*).
- A.244 Sayre, A. 1956, n.d.
- Anne Sayre was the wife of David Sayre, who worked with Hodgkin (*Ferry pp.243-245; Hodgkin H.214-H.218*). The undated [1970s] letter refers to Anne's proposed book on Rosalind Franklin.
- A.245 Stanford, E. 1970s-1990
- Letters and cards (*Hodgkin A.170*).
- A.246 Starkie, E.M. 1937
- Three letters 1937, on Hodgkin's engagement and marriage, and Somerville affairs.
- Also included are Memorial Address by Sir Maurice Bowra 1970, and 'Recollections of Enid Starkie' by D. Davin 1971 (draft with corrections).
- Enid Starkie was a Fellow in French at Somerville College and one of its most flamboyant characters.

SECTION B **RESEARCH, B.1-B.56** **1927-1983, n.d.**

B.1-B.25 NOTEBOOKS

B.26-B.56 NOTES AND CORRESPONDENCE

B.1-B.25 **NOTEBOOKS** **1927-1950**

The notebooks are extremely difficult to date. The format varies, there are few dates, and some may have been used from time to time over several years. Both ends of the books were often used and sometimes the middle also. Attributions are therefore tentative.

B.1-B.16 **Oxford** **1927-1932**

See Hodgkin B.1-B.4.

B.12, B.13 and B.15 are of special interest in showing Hodgkin's increasing focus on crystallography.

B.1 Red hard-backed notebook 1927-?1930

At front of book, notes on Latin grammar and mathematics, in a young hand.

At rear of book, notes on Trigonometry, in a young hand.

In centre of book, notes and diagrams on light, crystallography, polarisation, in Hodgkin's later hand. Work breaks off. Possibly 1930.

This may have been begun March 1927-Spring 1928 after School Certificate and during preparation for Somerville College Oxford (*Ferry pp.32-33*).

B.2 Red soft-backed notebook, covers loose, inscribed 'Dorothy Crowfoot'. The book is numbered '2' but no other numbered books have been found. 1928

Physics experiments, class exercises, some marked by tutors, H.B. (?Herbert Bowman), R.T.L. (R. Lattey), others unidentified.

Research, B.1-B.56

B.3-B.5	Three dark blue soft-backed notebooks. Oxford work, none dated.	N.d.
B.3	History of chemistry (perhaps from lectures), tests, experiments, techniques. Both ends of book used.	N.d.
B.4	Experiments, analyses, calculations. Both ends of book used. Some pages in another hand.	N.d.
B.5	Notes, experiments, calculations on physical properties, surface tension, inertia, projectiles, viscosity etc. One page has headnote 'Lecture 5'. Both ends of book used. At rear of book, loose pages in another hand.	N.d.
B.6	Dark blue hard-backed notebook 'Inorganic chemistry'. Probably lecture notes on history and properties of substances. Both ends of book used.	N.d.
B.7	Grey soft-backed notebook, bought in Oxford. Notes on chemistry, from lectures or perhaps Hodgkin's own reading.	N.d.
B.8	Grey hard-backed notebook, bought in Oxford. Notes, perhaps from lectures, on kinetic theory of gases, radioactivity, α rays, early atomic physics. Not all of book used.	N.d.
B.9	Small dark blue hard-backed notebook, inscribed 'Dorothy M. Crowfoot Somerville'. Experiments, analyses, practicals. At rear of book, miscellaneous calculations.	N.d.

Research, B.1-B.56

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|------|---|-----------|
| B.10 | <p>Small dark blue hard-backed notebook (same format as B.9).</p> <p>Experiments, calculations, some notes in another hand. Not all of book used.</p> | N.d. |
| B.11 | <p>Black hard-backed notebook.</p> <p>At front of book 'List of experiments done', on density, properties of liquids, molecular volume, vapour pressure etc.</p> <p>At rear of book miscellaneous calculations and some loose pages.</p> | N.d. |
| B.12 | <p>Small beige notebook 'Analysis of glass'</p> <p>Detailed accounts of experiments and analyses including blue and green tesserae. Probably related to Hodgkin's analyses of specimens found by her parents on excavations at Jerash, 1929 (<i>Ferry pp.52-54</i>).</p> <p>For other material on Hodgkin's work on mosaics, see J.18-J.20.</p> | 1929-1930 |
| B.13 | <p>Dark blue hard-backed notebook.</p> <p>Work on crystals, diagrams, calculations, refractive indices. Also on gemstones and tesserae.</p> <p>Material in more than one hand.</p> <p>Included on loose pages is a manuscript cast-list for 'As You Like It', Hodgkin as Touchstone, her sister Betty as Rosalind.</p> | 1931-1932 |
| B.14 | <p>Small dark blue hard-backed notebook</p> <p>Manuscript note on front page '?Lecture notes from Sidgwick's lectures, possibly 1931. D.H.'</p> | 1931 |

Research, B.1-B.56

- B.15 Black soft-backed notebook 1931-1932
- Record of experiments 30 September [1931] to 21 June [1932], tabulated results and measurements of crystal analyses.
- This is the work submitted for Hodgkin's Part II thesis and published in conjunction with H.M. Powell in 1932 (Bibliog. 123). (*Ferry pp 72-74; Hodgkin B.19*).
- At rear of book, notes on the literature, latest date 1931.
- See also B.26.
- B.16 Green soft-backed notebook. 1932
- Notes on the literature. Both ends of book used. Latest date 1932.
- B.17, B.18 **Heidelberg** 1931
- (*Hodgkin B.5*).
- B.17 Soft-backed notebook, bought in Heidelberg.
- In front of book, German vocabulary.
- At rear of book, notes, diagrams, calculations on crystal analysis (*Ferry p.62*).
- B.18 Black hard-backed notebook.
- Miscellaneous content. Includes German vocabulary and, on loose pages, exercises in German translation.
- Also notes, references and some more extended accounts on science and religion, European religious factions, intolerance etc, some possibly part of a translation exercise, others Hodgkin's own work, possibly added later at Cambridge.

Research, B.1-B.56

B.19-B.21	Cambridge	1932-1934
B.19	<p>Pages from a loose-leaf binder (in poor condition and discarded), bought in Cambridge. Some loose pages.</p> <p>Analyses and calculations, angles of rotation, X-ray investigations of various crystals. Includes 1p dated 16.5.33 using new Weissenberg camera.</p> <p>Some pages are in another hand, perhaps J.D. Bernal.</p>	1930s
B.20	<p>Small spiral-bound notebook.</p> <p>At front of book, science notes.</p> <p>In centre of book, a few notes on philosophy, science and society, T.S. Eliot, W.B. Yeats.</p> <p>At rear of book, brief reference to 4 Scroope Terrace ('caretaker and wife to cook') where Hodgkin briefly lodged with her sisters Joan and Elizabeth in 1932 (<i>Ferry p.83</i>).</p>	1932
B.21	<p>Small green soft-backed notebook</p> <p>Few pages used. A few dates in November and December referring to work with Weissenberg camera. Latest bibliographical reference 1932.</p>	1932-1933
B.22-B.25	Oxford	1934-1950
	<p>Four small loose-leaf notebooks, relating to Hodgkin's teaching and examining at Oxford.</p> <p>The subjects for tutorial essays or problems set each week give a view of the scope of the university teaching programme at the time.</p>	
B.22	<p>Examination questions in physics and chemistry 1934 (probably for College entrance examination), tutorial subjects various dates 1936-1938, comments on entrance candidates.</p>	1934-1938

Research, B.1-B.56

B.23 Tutorial notes, mainly Hilary [Spring] term 1938. 1936-1937
At rear of book, some earlier notes, 1936, 1937.

B.24 Tutorial notes. 1938, 1939

B.25 Tutorial notes, 1949-1950; tabulated examination results. 1949-1950, n.d.

B.26-B.56 NOTES AND CORRESPONDENCE 1922-1982, n.d.

The material, assembled from miscellaneous sources among Hodgkin's personal papers, is of necessity more fragmented than that contained in the labelled box-files from her Oxford laboratory, previously catalogued (*Hodgkin*, NCUACS 47/3/94).

Of special interest are Hodgkin's Cambridge doctoral thesis (B.29), the notes and reports on insulin dating from the 1930s which complement the material already catalogued, and the correspondence and research documentation relating to J.D. Bernal at B.42-B.52.

B.26-B.29 Early work 1932-1936

B.26 'Layer-chain structures of thallium di-alkyl halides', with H.M. Powell, *Nature, Lond.* 1932 (Bibliog. 123).

Offprint of published paper. Work done while Hodgkin was still an undergraduate. See also B.15.

B.27 Vitamin B1 hydrochloride 1933-1934

Notes, diagrams, calculations, including 3pp manuscript letter from Hodgkin describing her research on vitamin B1 hydrochloride, sent to R.A. Peters in answer to enquiries from him.

Included here is a copy of 'Crystal structure of vitamin B₁ hydrochloride', with J.D. Bernal, *Nature, Lond.* 1933 (Bibliog. 124).

Research, B.1-B.56

- B.28 'Concrete memorandum forwarded to the Rockefeller Foundation, June 16th, 1935, J.N.' 1935
- 3pp typescript with manuscript heading, perhaps by Joseph Needham.
- Section on 'crystal physics applied to biology' indicates intended use of X-ray crystallographic analysis.
- B.29 'X-ray crystallography and the chemistry of the sterols', Hodgkin's thesis submitted for Ph.D., Cambridge, 1936 (*Ferry p.120*). 1936
- 302pp typescript and manuscript.
- B.30-B.41 Work on insulin 1935-1983**
- B.30 'The crystallisation of insulin' ca 1935
- Brief one and a half page note, describing Hodgkin's first successful crystallisation of insulin with a sample supplied by Boots Pure Drug Company and passed on to her by R. Robinson (*Ferry pp.109-112*).
- Pages are numbered 8 and 9, perhaps from a Departmental Report. See also J.26.
- B.31 'X-ray single crystal photographs of insulin', *Nature, Lond.* 1935 1935
- 7pp typescript and manuscript draft, a fuller account of the experiment and the first paper to be published under Hodgkin's name alone (*Ferry p.114*).
- With a letter arising.
- B.32 'Report for the Rockefeller Trustees on work in progress in the Department of Crystallography Oxford 1941-42...' 1942, 1943
- 25pp draft (*Hodgkin B.139*).
- Enclosed here are related reports on research in Leeds by W.T. Astbury and Florence Bell (1941) and in Cambridge (on the crystal structure of haemoglobin) by M.F. Perutz and colleagues (1942-1943).

Research, B.1-B.56

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|------|--|----------------------|
| B.33 | <p>'The crystal structure of insulin'</p> <p>Drafts and headings for a paper or publication.</p> <p>Hodgkin wrote and lectured frequently on the subject and it is not possible to assign a firm date.</p> | N.d. |
| B.34 | <p>'Wet Zn Insulin Intensities'</p> <p>Diagrams, Patterson maps, 1p note on the work by Hodgkin.</p> <p>Some of the photographs are dated 1981, but the work predates this by many years.</p> | N.d. |
| B.35 | <p>Bundle of notes, diagrams, calculations, a few bibliographic references.</p> <p>Almost all on Zn insulin, some based on 'Davy Faraday photographs' (taken at Royal Institution 1937) (<i>Ferry p.120</i>). See also B.39, J.22, J.23 and <i>Hodgkin B.206</i>.</p> | 1937 |
| B.36 | <p>Notes, calculations, contour and Patterson maps, on insulin and tobacco mosaic virus, n.d., one later page dated 1983.</p> | N.d., 1983 |
| B.37 | <p>Notes, data, calculations; printout on zinc insulin molecule, June 1976.</p> | 1976 |
| B.38 | <p>Notes, diagrams, correspondence from G.G. Dodson, 'Michael' [M.G. Rossman] ?1963; printouts dated July 1976, April and June 1977.</p> | ?1963, 1976,
1977 |
| B.39 | <p>Extensive manuscript notes, as found</p> <p>Almost all on insulin, measurements, densities, wet and dry forms, some dated 1935, 1937, 1939, 1940, 1942. Includes 1p headed 'Queries for Chibnall', and pages from the 'Davy Faraday' series (see also B.35, J.21-J.23, J.26).</p> <p>A few notes also on lactoglobulin 1937 and on gypsum 1939.</p> | 1935-1942 |

Research, B.1-B.56

- B.40 'An improved numerical method of two-dimensional Fourier synthesis for crystals', H. Lipson and C.A. Beevers, *Proc. Phys. Soc.* 1936, inscribed 'with the Authors' compliments'. 1936
- The Beevers-Lipson strips were a new and important advance in calculation methods. Hodgkin met Beevers in Manchester in November 1935 and was the first customer for the strips when they became commercially available (*Ferry pp.115-116*).
- B.41 'A discussion on the protein molecule', *Proc. Roy. Soc. B*, 1939. 1939
- Report of meeting held 17 November 1938, with papers by T. Svedberg, K. Linderstrøm-Lang, K.O. Pedersen, F.J. and J. Philpot, D.M. Wrinch, A. Neuberger, W.T. Astbury, J.F. Danielli, J.D. Bernal and others.
- This was the occasion when Hodgkin have a short, much-praised (and apparently unexpected) paper, under her maiden name one month before the birth of her son Luke (*Ferry pp.170-172*). Her contribution is on pp.35-36.
- B.42-B.52 Material relating to J.D. Bernal 1932-1981**
- Correspondence, notes and research, some dating from 1932 when Hodgkin (then Crowfoot) went to work in Bernal's laboratory in Cambridge, and some relating to other research projects.
- Hodgkin left Cambridge and returned to Oxford in 1934, and Bernal moved to Birkbeck College London in 1937. Their relations remained extremely close, on a personal and political level, as well as their mentor-pupil affinity which persisted. See Hodgkin and Ferry *passim*.
- See also D.5-D.39, Hodgkin's publications about Bernal, which include some further original material assembled by her at the time of writing.
- B.42-B.45 Letters and cards to Bernal 1932-1940 and
n.d.
- These are all autograph manuscript, rarely fully dated. They are presented in approximately chronological order, with dates assigned on the basis of content or reference.
- All aspects of Hodgkin's life and contact with Bernal are /...

Research, B.1-B.56

/... dealt with, beginning with her first visit to his laboratory (August 1932) and the Ravenna conference (September 1932). After her return to Oxford there are many references to her visit to consult him in Cambridge or arrangements for left-wing political meetings, juxtaposed, sometimes incongruously, with research information and ideas which occupied part of her mind in whatever emotional circumstances.

G. Ferry draws on these letters extensively in her biography of Hodgkin, particularly chapters 3-5.

Several of Hodgkin's letters to Thomas include references to Bernal's visits to Oxford on scientific or political matters.

B.42 1932-1936.

Includes undated letter, 'I am so glad and excited about the virus'.

B.43 1937.

These cover the period of Hodgkin's engagement and marriage to Thomas, and show her delicacy in dealing with these topics with regard to Bernal. The letters have been extensively quoted by Ferry.

Hodgkin's letter of 12 October is characteristic, moving from Oxford Labour Club lunches to her insulin paper, her plans for marriage in December and subsequent semi-detached life with Thomas, and changes in her relations with Bernal which had clearly been of great moment to her.

Letter of 19 December, written on honeymoon, describes her wedding and also pending work on lactoglobulin which she has delegated to Riley and Fankuchen.

B.44 1938.

Science, politics, pregnancy.

Includes telegram 'Nice boy born 5pm yesterday...' and Hodgkin's letter of 28 December describing her labour, early days with the baby 'rather a nice one' and detailed comments on her sterols paper.

Research, B.1-B.56

- B.45 1939-1940 and undated.
- Includes undated letter (spring 1940, *Ferry pp.218-219*) on Hodgkin's ideas about the development of crystallography in Oxford, and her own uncertain plans.
- B.46 Photocopies of letters to Bernal sent to Hodgkin from the Bernal collection at Cambridge University Library. ?1934-1939
- Perhaps sent to Hodgkin when she was writing her Memoir of Bernal, or for her own autobiography. The letters are not fully dated, and are not in order. Some attempts to date them have been made including some, in blue biro, by Hodgkin herself. Tentative dates run 1934-1939.
- The material is mainly concerned with research and publications and includes some detailed results, diagrams, Fourier maps etc.
- B.47-B.51 Notes and research by Bernal. N.d.
- B.47 Letter by Bernal to Hodgkin on crystal research, and a forthcoming conference or meeting.
- B.48 Envelope (from Birkbeck College) of 'Prints of figures for virus paper'.
- B.49 Envelope (from Birkbeck College) of 'Prints of comparison of wet and dry chymotrypsin'.
- B.50 4pp drawings and calculations on rhombohedral and hexagonal crystals.
- B.51 8pp manuscript notes, calculations, diagrams on sterols.
- B.52 Correspondence, diagrams, photographs on protein linkage, sent to Bernal by W.T. Astbury 1935, 1941

Research, B.1-B.56

B.53-B.56	Miscellaneous	various dates
B.53	Shorter notes, diagrams, calculations by Hodgkin and others. Various dates and topics.	various dates
B.54	A4 block of notes taken at conference, perhaps in Italy. Some pages torn out. A few speakers' names identified.	N.d.
B.55	Notebook of notes taken at conference or visit, perhaps in the USA. Many pages torn out. Mainly scientific but includes 1p draft for speech on neutron bomb. Latest reference 1976.	ca 1976
B.56	Envelope of bibliographical reference cards. Latest bibliographical reference 1982.	ca 1982

SECTION D **PUBLICATIONS AND LECTURES, D.1-D.38** **1934-1983**

The principal interest of this section is the extensive material on J.D. Bernal and Hodgkin's writings about him (D.5-D.29) which usefully complements that previously catalogued in *Hodgkin D.80-D.102*.

Several other items document or refer to publications not listed in the Bibliography in the Royal Society Memoir.

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|----------|---|-----------------------|
| D.1, D.2 | Drafts and correspondence for a proposed volume on the history of science, edited by R.T. Lattey for the Home University Library.

Not listed in Bibliography. | 1934 |
| D.1 | Correspondence from R.T. Lattey asking Hodgkin to undertake sections 19 and 20 (on atoms and molecules), a total of 12,000 words at one guinea per thousand words, June-August.

Also includes letter to typist and heavily corrected manuscript draft. | 1934 |
| D.2 | Another manuscript draft, on 'Atoms and molecules', some paginated 1-40, and several loose pages. | |
| D.3 | 2pp draft letter and note, no date or addressee, probably <i>re</i> Hodgkin's paper 'The interpretation of Weissenberg photographs in relation to crystal symmetry' (Bibliography 130, <i>Hodgkin B.62</i>). | 1935 |
| D.4 | 'X-ray measurements on wet insulin crystals', with D. Riley, <i>Nature</i> , 1939 (Bibliography 60).

Typescript and manuscript draft, copy of published paper. | 1939 |
| D.5-D.29 | Publications and material relating to J.D. Bernal

The material is presented as follows: | 1935, 1967-1988, n.d. |

/...

Publications and lectures, D.1-D.38

- /... D.5-D.17 Writings by Hodgkin and Bernal
D.18-D.21 Correspondence
D.22-D.29 Information

Immediately after graduation from Oxford in 1932, Hodgkin went to work in Bernal's laboratory in the Department of Mineralogy at Cambridge, where she remained until 1934. Bernal became and remained an important influence in her life - perhaps second only to Thomas. His fertile scientific mind suggested and encouraged ideas for research; his strongly leftwing political views chimed with hers, though she did not quite follow him (or, later, Thomas) into the Communist Party; their intimate personal relations changed after her marriage but they remained on terms of deep affection and respect.

Hodgkin's long acquaintance with Bernal often led to requests for information or contributions to publications. After his death in 1971 she undertook two major commissions: the Biographical Memoir for the Royal Society, published in 1980, and a lecture 'Microcosm: the world as seen by John Desmond Bernal' delivered in Dublin, October 1980 and published in *Proc. R. Ir. Acad.*, 1981.

In the course of her writing, Hodgkin accumulated considerable information, correspondence etc., which is at D.22-D.29. After the appearance of the Royal Society Memoir, she was contacted by Professor Alan Mackay who had traced and arranged publication of Bernal's early (1923) paper 'The analytical theory of point systems'. Hodgkin had referred to this paper, then apparently lost, in her Memoir (pp.24-26). A copy of the recovered work is at D.9.

Bernal's manuscript draft of his autobiographical 'Microcosm', with a few annotations by him, and by Hodgkin, is at D.11-D.16. A little correspondence is at D.20, D.21.

- | | | |
|----------|---|----------------|
| D.5-D.17 | Writings by Hodgkin and Bernal | 1980, 1984, nd |
| D.5-D.9 | 'John Desmond Bernal', <i>Biographical Memoirs of Fellows of the Royal Society</i> , 1980 (Bibliography 177). | 1980 |
| D.5 | Hodgkin's manuscript draft, heavily corrected, some paginated sections. | |

Publications and lectures, D.1-D.38

- D.6 Typescript and photocopy of first draft, paginated 1-73, and 3pp list of corrections.
- D.7 Typescript and manuscript drafts for the section 'Writings about science and society' (pp 63-66 of published Memoir) which gave Hodgkin some difficulty.
- Includes comments or corrections by others, and extensive manuscript corrections and additions by M.M. Gowing, quoted in part in the published version.
- D.8 Notes, anecdotes, quotations, family tree, photograph etc., assembled by Hodgkin for the Memoir.
- D.9 Correspondence *re* Bernal's 1923 paper on point systems.
- A copy published as Occasional Paper No.1, Department of Crystallography, Birkbeck College London, is enclosed.
- D.10 'Microcosm', Hodgkin's lecture to Royal Irish Academy, October 1980 (Bibliography 178) (*Hodgkin D.154, D.155*). 1980
- 33pp heavily corrected manuscript draft of lecture; proof with minor manuscript corrections.
- The title refers to Bernal's unpublished autobiographical drafts and notes.
- D.11-D.16 Bernal's typescript draft of his autobiographical account, with a few manuscript notes, by him and by Hodgkin. N.d.
- These are all miscellaneous sequences, some paginated, none dated but thought to have been begun in 1926. Some exist in several versions, not all are titled.
- D.11 'Method'.
- D.12 'Personal influences'

Publications and lectures, D.1-D.38

- D.13, D.14 'Impersonal influences'
- Very bulky folder, divided into two for ease of reference. Includes some longer paginated sequences.
- D.13 is philology, psychology, physics (2 versions); D.14 is economics, history (4 versions).
- D.15 'Problems'
- Includes extended 'Introduction' 29pp, section on 'The dynamics of human societies' with a manuscript headnote 'An early essay 1920', and several other shorter sequences.
- D.16 Miscellaneous sequences, some autobiographical accounts of Ireland, socialism at Cambridge, one short section dated 4 May 1935. 1935, nd
- D.17 Other writings by Hodgkin on Bernal Nd, 1984
- 1p typescript recollections of Bernal, especially his visits to Hodgkin's home in 1948 while lecturing at Ruskin College Oxford, nd.
- 1p manuscript tribute, written 1984 for Institute of Physics exhibition.
- Included here is a request for an advance obituary notice from *The Times*, nd.
- D.18-D.21 Correspondence 1967-1988
- D.18 1969-1980
- Includes invitation to give Bernal lecture (*Hodgkin D.134*), draft article on Lysenkoism in Britain sent to Hodgkin for comment 1980.
- D.19 1981-1988
- Includes paper on Bernal and thanks for Memoir from J.T. Edsall, information on J.D. Bernal World Scientific Conference on Disarmament 1988.

Publications and lectures, D.1-D.38

- D.20 Brief correspondence and papers from Bernal. 1967, nd

1p manuscript note on monetary reform n.d., letter on scientific research in Ireland 1967.
- D.21 Letters exchanged with Birkbeck College on Bernal's retirement 1968 (copies, with a few manuscript notes by Hodgkin). 1968
- D.22-D.29 Information 1971, 1972, nd

Much of this is typescript or photocopied material, perhaps sent to Hodgkin for the Memoir.
- D.22 Note of private memorial service, 8 December 1971; and Memorial Service 24 January 1972. 1971, 1972

Hodgkin spoke at the 1971 service.

Addresses at the 1972 service were by the Master of Birkbeck College (R.C. Tress), C.P. (Lord) Snow, J.C. Kendrew, S. (Lord) Zuckerman and P.M.S. (Lord) Blackett.
- D.23-D.25 Recollections of Bernal, from colleagues and friends.

These were made, some from tapes, at the request of Eileen Bernal for a Festschrift.

Many of the pieces are numbered 2-57 (not a complete sequence).

3 folders.
- D.26 Miscellaneous information on Bernal.

Includes 1p manuscript notes on 'Bernal the Rationalist' by Thomas Hodgkin.
- D.27-D.29 Miscellaneous obituaries, tributes and articles, some with brief correspondence.

3 folders.

Publications and lectures, D.1-D.38

- D.30 Foreword to E. Ceausescu, *Steriospecific Polymerization of Isoprene*, to be published by Pergamon Press, 1982. 1982
- Correspondence with Romanian Embassy and with Pergamon Press 1982, typescript draft of Hodgkin's Foreword.
- D.30A Birthday tribute to Drago Grdenic, for publication in *Croatica Chemica Acta*, 1983. 1983
- With correspondence.
- D.31 Preface to F. Langer, *An Age of Stone*, 1988 1988
- 2 versions
- D.32-D.38 Editorial correspondence 1935-1991
- D.32-D.34 Correspondence with editors and colleagues *re* publications, lectures, contributions by Hodgkin. 1959-1991
- The material deals with works many of which do not appear in the Bibliography of the Royal Society Memoir. References to related material in the previous catalogue are given wherever possible, in the form *Hodgkin...*
- D.32 1959-1980
- Insulin* 1959 (Bibliography 38); Tribute to Gandhi 1968 (*Hodgkin G.166*); Obituary for E.B. Chain 1979 (*Hodgkin D.79*); Preface to A. Kelly, *The Missing Half: Girls and science education* (correspondence and two versions of Hodgkin's suggested preface, which was omitted from the publication as 'half-hearted') 1979-1980; Festschrift 1980.
- D.33 1981-1983
- Dalton lecture, 'Moments of discovery' 1981 (*Hodgkin D.156-D.158*); correspondence on Sophia lecture 'On making peace possible' and its publication in *Co-Existence 1981-1983* (*Hodgkin G.167, G.168*); lecture at Manchester 1982; biochemical society transactions 1982.

Publications and lectures, D.1-D.38

- D.34 1983-1991
- 'Spiegelbuch' 1983; Women of the Year lecture (*Hodgkin D.160; Ferry p.390*) 1983; 'Memories of Lawrence Bragg' (*Hodgkin D.199*) 1990; 'Tribute to Paul Ewald' (*Hodgkin H.82*) 1991.
- The Women of the Year lecture was the occasion on which Hodgkin, invited to speak on 'A woman's best friend', delivered a fervent tribute to Thomas. The lecture greatly moved its hearers and the occasion made £23,000 for the blind. The speech was broadcast on BBC Radio 'Woman's Hour'.
- D.35, D.36 Requests from editors and authors for articles, prefaces, reviews, comments. 1959-1983
- All topics (*Hodgkin D.119-D.125*).
- D.35 1959-1982
- D.36 1983
- D.37 Requests to lecture (*Hodgkin D.168-D.194*). 1935, 1978-1983
- D.38 Shorter correspondence on lectures, arrangements, letters of thanks. 1962-1983

SECTION E **SOCIETIES AND ORGANISATIONS, E.1-E.33** **1959-1994**

- | | |
|------------|--|
| E.1-E.5 | BRISTOL UNIVERSITY |
| E.6 | BRITISH ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE |
| E.7 | BRITISH CRYSTALLOGRAPHIC ASSOCIATION |
| E.8-E.20 | CHILDREN'S MEDICAL CHARITY |
| E.21-E.26 | L'INSTITUT DE LA VIE |
| E.27 | INSTITUTE OF PHYSICS |
| E.28 | INTERNATIONAL ORGANIZATION FOR
CHEMICAL SCIENCES IN DEVELOPMENT |
| E.29, E.30 | INTERNATIONAL UNION OF
CRYSTALLOGRAPHY |
| E.31-E.33 | ROYAL SOCIETY OF CHEMISTRY |

Societies and organisations, E.1-E.33

- | | | |
|----------------|--|------------------|
| E.1-E.5 | BRISTOL UNIVERSITY | 1970-1994 |
| | Hodgkin was Chancellor of the University 1970-1988. | |
| E.1 | Letters of congratulation on Hodgkin's election as Chancellor 1970.

(<i>Hodgkin A.113-A.116, A.154</i>). | 1970 |
| E.2 | Speeches at honorary degree ceremonies.

(<i>Hodgkin E.27, E.28</i>).

2pp only manuscript draft 1987; manuscript notes on honorands 1988; typescript draft for graduation ceremony 1988, with reference to Thomas and Hodgkin House (see E.5), and letter arising. | 1987-1988 |
| E.3 | Correspondence on the Eighth International Biophysical Congress, held in Bristol. | 1981-1983 |
| E.4 | Miscellaneous shorter correspondence on various affairs of Bristol University and city. | 1972-1983 |
| E.5 | Material relating to Hodgkin House.

Hodgkin House was an international hostel for overseas students created from the merger in 1984 of two previous hostels, Meridian Hall and St Brigid's House. The combined hostel was named Hodgkin House as a tribute to Thomas and his long devotion to Africa.

A history of the hostel (enclosed) by C.W. Robert 1990, refers to the naming and to a visit by Hodgkin (pp 16, 18).

Includes a later letter 1994. | 1980s-1994 |

Societies and organisations, E.1-E.33

- E.6** **BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE** 1994

(Hodgkin E.47-E.57).

Brief correspondence.

- E.7** **BRITISH CRYSTALLOGRAPHIC ASSOCIATION** 1994

(Hodgkin E.58-E.59).

Brief correspondence 1994.

- E.8-E.20** **CHILDREN'S MEDICAL CHARITY** 1983-1988

(Hodgkin F.176).

The Children's Medical Charity was set up in 1982 in the Department of Experimental Chemical Pathology in the Vincent Square Laboratories of Westminster Hospital.

Funding cuts were a persistent problem, most of the material being concerned with various attempts to raise funds and place the research and diagnostic work of the Charity on a firm basis. Diabetes, vitamin B12 metabolism and protein absorption were among the research interests of the Charity.

In 1986 it was floated as an Investment Trust, launched in July 1986. In 1988, further Government decisions proposed the closure of Westminster Hospital and Westminster Children's Hospital and their replacement by a single hospital in Fulham Road.

Hodgkin agreed to become a Scientific Adviser to the Charity in 1983. She took part in conferences and Open Days. In 1988, under the threat of closure, she agreed to become a Patron of the Westminster Hospitals Development Fund.

- E.8** Invitation to act as Scientific Adviser. 1983

Societies and organisations, E.1-E.33

E.9	Minutes, accounts, research reports sent for information.	1983-1985
E.10	Drafts for Investment Trust Prospectus and for Appeal Brochure, May 1984, March 1985.	1984-1985
E.11	Copies of drafts, March 1985, with some annotations, deletions and notes by Hodgkin.	1985
E.12	Comments by Sir Peter Tizard (Medical Adviser) on research statements in the draft 1985.	1985
E.13	Material relating to the launch of the Appeal, November 1985, and launch reception of the Investment Trust, June 1986.	1985-1986
E.14	Material relating to Open Day, April 1984, and Appeal, June 1985, with photographs and messages from Hodgkin.	1984-1985
E.15	Miscellaneous correspondence and material on research, funding, appeal.	1984, 1986
E.16	Correspondence on staff and research.	1985-1986
E.17, E.18	Material on the proposed closure of the Westminster Hospitals.	1988
E.17	Correspondence.	
E.18	Pamphlets and printed matter.	

Societies and organisations, E.1-E.33

- E.19 Correspondence and material on 'Cobalamin '88', First International Symposium on Biomedicine and Physiology of Vitamin B12, 26-29 September 1988. 1988
- (*Hodgkin F.176*).
- The conference was sponsored by the Charity. Hodgkin was the President and chaired the session on leukaemia.
- E.20 Correspondence and material on 'Thomas Addison and his diseases: 200 years on', 25-27 May 1993. 1993
- (*Hodgkin F.179*).
- Hodgkin was a co-President. An unsuccessful attempt was made to seek the Patronage of H.M. The Queen.
- A little personal correspondence and greetings from members of the Charity are included.
- E.21-E.26 **L'INSTITUT DE LA VIE** 1984-1985
- Papers and correspondence.
- The organisation was founded in 1960 in Paris by Maurice Marois. It organised international conferences on interdisciplinary themes mainly concerned with the life sciences. In 1985 it was proposed to establish a permanent centre for the Institut in Martinique, where several conferences had been held.
- Hodgkin served on the international organising committee and attended the conference in Port de France, Martinique, February 1985 but there is no correspondence from her. Her attendance and papers at earlier conferences are documented in correspondence with Marois (*Hodgkin F passim*).
- E.21 List of International Organising Committee members. 1984
- E.22 Material relating to 9th Conference, Lille, France, 2-4 July 1984. 1984
- Participants, programme.

Societies and organisations, E.1-E.33

- | | | |
|------|--|-----------|
| E.23 | Material relating to meeting in Martinique, 3-10 February 1985.

International Committee meeting, 1p manuscript notes by Hodgkin; manuscript notes proposed for speakers etc at meeting scheduled for 1-8 July 1986 at Versailles. | 1985 |
| E.24 | Documents relating to the proposal to establish a permanent centre in Martinique.

Includes a hostile representation from a local committee. | 1985 |
| E.25 | Correspondence from members of the International Committee with suggestions for conferences and speakers. | 1984-1985 |
| E.26 | Nomination of Marois for Nobel Peace Prize. | 1984 |
| E.27 | INSTITUTE OF PHYSICS

<i>(Hodgkin E.71-E.99).</i>

Papers for Autumn Conference, X-ray Analysis Group, 13-14 November 1959. | 1959 |
| E.28 | INTERNATIONAL ORGANIZATION FOR CHEMICAL SCIENCES IN DEVELOPMENT (IOCD)

Information sent to Hodgkin by the President.

IOCD was launched by UNESCO in 1981. | 1983 |

Societies and organisations, E.1-E.33

E.29, E.30 INTERNATIONAL UNION OF CRYSTALLOGRAPHY 1974-1993

Hodgkin was President of the Union 1972-1975. (*Hodgkin E.100-E.176*).

Correspondence and papers.

E.29 1974-1975

Includes some material forwarded to Hodgkin as President, and 1p typescript paper 'Anomalous Scattering Madrid 1974' by Hodgkin.

E.30 1979-1983, 1993

Personal correspondence and greetings.

E.31-E.33 ROYAL SOCIETY OF CHEMISTRY 1990-1991

(*Hodgkin E.67*).

The material relates to the 150th Anniversary Congress, Imperial College London, 8-11 April 1991, and the Dorothy Hodgkin Symposium on 'Crystallography' which was held as part of the Congress on 9 April.

E.31 Correspondence. 1990-1991

The symposium was organised by the Women Chemists' Committee of the Royal Society of Chemistry. Hodgkin agreed to allow her name to be used 'with some misgivings, as I find myself not quite in agreement with the segregation of women as a special kind of group in Chemistry'.

Hodgkin's replies to letters from the secretary are often typed on the verso of the incoming letter.

E.32 Women Chemists Newsletters 1 and 2 with programme of symposium.

Societies and organisations, E.1-E.33

E.33

Printed material about the Congress.

See A.33 for Hodgkin's election as Fellow of the Chemical Society in 1932.

SECTION F VISITS AND CONFERENCES, F.1-F.21 1959-1989

A chronological sequence. Much of the material belongs to Hodgkin's later years and is relatively brief.

F.1, F.2 Visit to China, September-October 1959 1959

The visit was arranged, through the Britain-China Friendship Association, for Hodgkin to join a delegation to attend celebrations of the tenth anniversary of the People's Republic of China.

This was the first of Hodgkin's visits to China. She lectured in Beijing on vitamin B12 and travelled with the delegation round the country. She also renewed acquaintance with Liao Hongying, who had read chemistry at Somerville in the 1930s, and helped her gain permission to visit her family (*Hodgkin F.14; Ferry pp335-340*).

F.1 Correspondence with J. Needham, Chairman of Britain-China Friendship Association, invitation, letter of thanks from China.

F.2 Small block of manuscript notes of travel, excursions, notes on Hongying, 5 September-3 October.

N.B. The writing is very uncertain and the notes may have been compiled at a late date.

F.3 Visit to China, September 1965. 1965

Brief correspondence only.

Hodgkin arranged to visit China as a guest of Academia Sinica, after a lecture tour in Japan (*Hodgkin F.25, F.26; Ferry pp. 340-341*).

F.4 Visit to Moscow, USSR, December 1971 1971

Correspondence with colleagues arranging visits, and about suitable gifts.

Hodgkin was invited by the Soviet Academy of Sciences for celebrations of the 80th birthday of N.V. Belov (*Hodgkin F.63*).

Visits and conferences, F.1-F.21

- | | | |
|------|---|------------------|
| F.5 | Visit to Wroclaw, Poland, 14-17 August 1978.

Correspondence, arrangements.

Hodgkin lectured on 'Some reflections on metals in biological systems' at a Symposium on Crystal Structure and Bonding of Metal Complexes (a post-Congress Symposium of the Eleventh IUCr Congress in Warsaw). | 1977-1978 |
| F.6 | Visit to Bulgaria, August 1978

Correspondence and arrangements (by Thomas), official invitation from the Bulgarian Academy of Sciences.

Hodgkin visited Bulgaria with Thomas, after the Wroclaw conference (F.5) and before the Pugwash Conference in Varna (<i>Hodgkin G.44</i>). | |
| F.7 | Visit to India, November 1979

Brief correspondence <i>re</i> possible visit to Hyderabad. | 1979 |
| F.8 | Visit to Bucharest, Romania, June 1980

Correspondence.

Hodgkin lectured on water molecules at an International Conference on Water and Ions in Biological Systems (<i>Hodgkin F.133</i>). | 1978-1979 |
| F.9 | Symposium on insulin, London, 25 May 1982.

Invitation and programme (ticked to indicate attendance). | 1982 |
| F.10 | Bicentenary celebration, Accademia Nazionale delle Scienze, Rome, Italy, 1982.

Letter only. | 1982 |
| F.11 | Meeting on Insulin Dependent Diabetes, University College Hospital London, 4 February 1983. | 1983

/... |

Visits and conferences, F.1-F.21

- /... Invitation to attend and lecture on structure of insulin (ticked to indicate attendance).
- F.12 Conference on 'The planet is in peril: Nobel Laureates seek an answer', Paris, France, 25-29 October 1983. 1983
Invitation to attend and contribute, with manuscript note 'Yes, provisionally'.
- F.13 Workshop on Post-Nuclear fires, Royal Society, London, 13-16 May 1984. 1984
Hodgkin attended. Printed report only.
- F.14 Planned symposium and lectures in honour of J. Dunitz, Hamburg, West Germany, August 1984. 1984
Letter only (ticked and with manuscript note 'autumn 1982').
- F.15, F.16 UNESCO Fifth International Symposium on Innovation and Society, Bucharest, Romania, 2-4 December 1985. 1979-1987
Hodgkin lectured on 'The chemistry of stereoregularity'.
- F.15 Correspondence 1984, programme, letter of thanks 1987. 1984-1987
- F.16 Report (author not known) on a visit to Romania under British Council auspices, with special reference to research and collaboration in chemistry. 1979
- F.17 Visit to USSR, Japan and China, September-November 1985. 1985
Travel and visa arrangements. One letter only from colleagues in Japan.
Hodgkin travelled with her daughter Elizabeth and Peter Carter (partner) (*Hodgkin F.148*).

Visits and conferences, F.1-F.21

- | | | |
|------|---|------------|
| F.18 | <p>'Eco-Danube 88', International Congress on Alternatives and Environment, October-November 1988.</p> <p>Invitation, ticked with manuscript note '?B12'.</p> | 1988 |
| F.19 | <p>Conference on 'The Role of Women in the Development of Science and Technology in the Third World', organised by the Canadian International Development Agency (CIDA) and the Third World Academy of Sciences (TWAS), Trieste, Italy, 3-7 October 1988.</p> <p>Correspondence, information, participants, programme, with a few manuscript notes by Hodgkin.</p> <p>Hodgkin lectured on 'The development and scientific advances I have taken part in during my life' (<i>Hodgkin F.177</i>).</p> | 1988 |
| F.20 | <p>Brief manuscript notes taken by Hodgkin at conferences.</p> | 1989, n.d. |
| F.21 | <p>Invitations to conferences, declined or acceptance uncertain.</p> | 1968-1987 |

SECTION G **PEACE AND HUMANITARIAN INTERESTS, G.1-G.53** **1958-1993**

The material here varies considerably in scope, some being relatively slight, others (such as Pugwash) representing a major component of Hodgkin's activities. All, however, indicate some active commitment or continuing interest from her. Shorter items, with little or no correspondence, are listed at G.50-G.53.

G.1-G.49 **ORGANISATIONS AND TOPICS** **1958-1993**

Presented in alphabetical order.

G.1 **Amnesty International** **1959-1967**

Correspondence, information and papers.

Includes also material on British Committee for Portuguese Amnesty, and on Amnesty International Academic Freedom Day (Hodgkin declined to be a sponsor).

G.2, G.3 **Anti-Apartheid Movement** **1959-1982**

Correspondence and papers.

G.2 1959, 1975.

G.3 1982.

Includes acceptance by Hodgkin of nomination as Sponsor in succession to Thomas.

G.4 **Bertrand Russell Peace Foundation Ltd** **1981**

Material *re* Chemical Weapons Appeal.

Hodgkin was an initial sponsor and made a financial contribution.

Peace and humanitarian interests, G.1-G.53

- | | | |
|------------|--|------------------|
| G.5 | British Soviet Friendship Society | 1967 |
| | <p>Brief correspondence <i>re</i> Hodgkin's sponsorship and subscription for Illuminated Address presented to Soviet Ambassador on USSR 50th Anniversary Celebration 1967.</p> | |
| G.6 | Campaign for Nuclear Disarmament | 1958-1974 |
| | <p>Correspondence and papers.</p> <p>Includes press release on deputation from the Women's Group (including Hodgkin) to a group of women MPs on Geneva nuclear weapons agreement 1958; letter and draft article on Oslo conference on nuclear weapons (Hodgkin attended) by A. Pirie 1961; Hodgkin's agreement to be a Sponsor 1965; letter in reply to Hodgkin's protest to Minister on US and UK nuclear forces 1973; conference on arms industry, Bristol 1975.</p> | |
| G.7 | Martin Luther King Foundation | 1969 |
| | <p>Correspondence <i>re</i> symposium, 30 June 1969. Hodgkin attended (one day only).</p> | |
| G.8 | Nuclear Warfare Tribunal | 1985 |
| | <p>Draft judgement and recommendations, evidence and commentary, with brief correspondence.</p> <p>The Tribunal was convened in London, 2-6 January 1985 to conduct 'An examination of the legality of nuclear weapons'. Hodgkin was a member.</p> | |
| G.9 | Oxford Society for Social Responsibility in Science | 1970 |
| | <p>One letter only, recording Hodgkin's chairing of the Inaugural Meeting, 4 March 1970 (not recorded elsewhere).</p> | |

Peace and humanitarian interests, G.1-G.53

G.10-G.15	Palestine	1980-1993
	Correspondence and papers chiefly <i>re</i> Birzeit University. The material predates Hodgkin's becoming, in 1985, a Sponsor of this independent Palestinian university (<i>Hodgkin G.12, G.13</i>).	
G.10	Correspondence and information about the closure of the university in 1979 and 1980, and growing anxiety about conditions on the West Bank.	1980
G.11	Continuing information, newsletters, press-releases and comment on Birzeit and Arab-Israeli affairs. Newsletter of May 1983 refers to visits by Hodgkin and Eric Hobsbawm in April (see G.12, G.13 below).	1980-1983
G.12-G.14	Correspondence and papers relating to Hodgkin's visit to Israel, Birzeit and Jordan, April-May 1983 (<i>Hodgkin F.138</i>).	1981-1983
G.12	Correspondence, messages etc. Letters 1981 refer to a previous visit and lectures at Birzeit by Hodgkin, 30 May 1981. Includes draft letter of thanks to Prince El-Hassan of Jordan for her visit there.	1981-1983
G.13	Travel arrangements for travel to Amman via Vienna, formalities and arrangements for crossing to West Bank over Allenby Bridge.	
G.14	Hodgkin's notes of names and addresses. Includes envelope with manuscript notes of her schedule of lectures and meetings.	
G.15	Material on miscellaneous Palestinian committees, organisations, good causes etc.	1980-1993

Peace and humanitarian interests, G.1-G.53

G.16-G.31	Peace	1958-1992
	<p>This is mainly material on the conferences devoted to peace and disarmament which Hodgkin attended, and often addressed, in her later years. They were often of an elaborate international nature and a full record has been kept of her involvement.</p>	
G.16-G.18	Vancouver Centennial Peace and Disarmament Symposium, Vancouver, Canada, 24-26 April 1986.	1985-1986
	<p>It was intended that a document, the 'Vancouver Proposals', should emerge from the symposium, with broad support from the participants, setting out measures to halt the arms race, prevent nuclear war and encourage international peace.</p> <p>Hodgkin, Sean McBride and Alfonso Garcia-Robles (who later withdrew) were asked to draft the document.</p>	
G.16	Invitation; schedule; participants; Hodgkin's itinerary; letters of thanks; despatch of Symposium proceedings, 'End the arms race: fund human needs'.	1985-1986
G.17	Correspondence and draft suggestions for the Proposals sent January 1986, some with a few manuscript notes.	1986
G.18	Drafts, notes, statements, correspondence on the Proposals, with much manuscript work by Hodgkin.	1986
G.19-G.22	86 Peace Summit in Hiroshima, Japan, August 1986	1986
	<p>Invitations, schedule, participants, letters of thanks.</p> <p>This was the city's contribution to the UN International Year of Peace. Hodgkin attended the Peace Memorial Ceremony, and was on the panel on the theme 'What science should be for peace'. She also visited Tokyo as a guest of the Japanese Pugwash Group; she received an invitation to visit Nagasaki on 9 August.</p>	
G.19	Correspondence, March-December	

Peace and humanitarian interests, G.1-G.53

- G.20 Manuscript and typescript drafts for Hodgkin's keynote speech 'In quest for international peace', and her reply to a question-and-answer request.
- G.21 Background information on Hiroshima, Nagasaki, peace initiatives.
- G.22 Press-cuttings of the 1986 meeting (including Hodgkin), photograph of Hodgkin at Peace Memorial.
- G.23, G.24 Round Table for the Celebration of the International Year of Peace, Paris, France, 15-16 December 1986 1986
- Hodgkin spoke on 'The role and the use of science and technology for the construction of peace'.
- (Hodgkin G.162).*
- G.23 Invitation, timetable, participants, draft conclusions, Hodgkin's manuscript notes taken at conference.
- G.24 Papers and submissions for consideration at conference.
- G.25-G.28 Nobel Laureate Conference on 'Facing the 21st Century: threats and promises', Paris, France, 18-21 January 1988. 1987-1988
- Hodgkin chose 'Disarmament and peace' for her seminar and spoke in the last session on 'How shall we face the future?' based on a stanza from the Rubaiyat of Omar Khayyam.
- The conference was hosted by President Mitterand and organised by the Elie Wiesel Foundation for Humanity.
- (Ferry p.397).*
- G.25 Correspondence, invitation, schedule, travel arrangements, Hodgkin's choice of topic etc. 1987-1988
- Includes a letter of complaint addressed to Wiesel about his failure to mention nuclear disarmament in his concluding speech at the conference. The letter, sent by the Secretary of International Physicians for Prevention of /...

Peace and humanitarian interests, G.1-G.53

- /... Nuclear War, includes the consensus statement by the Disarmament and Peace Working Group.
- G.26 Manuscript notes and drafts for Hodgkin's address.
- G.27 Printed texts of closing speeches by Wiesel and by Mitterand.
- G.28 Texts (in French) of abstracts and contributions by participants; list and brief cvs of participants.
- G.29 Shorter invitations, information on conferences and meetings on peace and disarmament. 1968-1982
- G.30 Shorter information on organisations for peace and disarmament, some sponsored by Hodgkin 1958-1992
- G.31 Miscellaneous manuscript notes made by Hodgkin at peace conferences. N.d.
- G.32-G.46 Pugwash Conferences on Science and World Affairs 1969-1988**

(Hodgkin G.22-G.94; Ferry pp 359-376).

Most of the material deals with Pugwash conferences and symposia (presented together as a chronological sequence), with some correspondence at G.44-G.46.

The Pugwash conferences, primarily concerned with worldwide nuclear disarmament, began in 1957 (see G.46). Conferences and symposia became annual events at international venues, widening their scope and acquiring a complex organisation as many national groups developed worldwide.

Though Hodgkin was entirely in agreement with the aims of Pugwash, and attended conferences from 1962, she did not become actively involved until 1975 when she accepted an invitation to become President, formally taking over in 1976, and remaining in office until 1988.

Peace and humanitarian interests, G.1-G.53

- G.32 5th Symposium, 'The role of science and scientist in national and world affairs', Mariánské Lázně, Czechoslovakia, 19-24 May 1969. 1969
- Participants, programme, papers, including papers for Biological Warfare Study Group meeting during symposium.
- (Hodgkin G.67; Ferry pp 367-368).*
- G.33 26th Conference, 'Disarmament, Security and Development', Mühlhausen, East Germany, 26-31 August 1976. 1976
- Typescript of Hodgkin's closing address, with recollections of J.D. Bernal and others.
- G.34 27th Conference, 'Coexistence between the rich and the poor', Munich, West Germany, 24-29 August 1977. 1977
- Typescript and manuscript draft of Hodgkin's closing speech.
- Also includes copy of speech by Lord Noel-Baker given at conference.
- (Hodgkin G.41-G.43; Ferry p 370).*
- G.35 28th Conference, 'Global Aspects of disarmament and security', Varna, Bulgaria, 1-5 September 1978. 1978
- Council's report on the conference; photocopy from Newsletter on Hodgkin's speech.
- (Hodgkin G.44).*
- Hodgkin spent a short holiday in Bulgaria with Thomas before the Varna conference. See F.6.
- G.36, G.37 29th Conference, 'Development and security', Mexico City, 18-23 July 1979. 1979
- (Hodgkin G.45).*

Peace and humanitarian interests, G.1-G.53

- G.36 Miscellaneous papers.
- Manuscript and typescript drafts of Hodgkin's concluding remarks; agenda and minutes of Pugwash Council and Executive Committee meetings (annotated by Hodgkin); Council statement on Mexico City conference.
- G.37 Opening address, background papers.
- G.38 30th Conference, 'Arms limitations, security and development', Breukelen, The Netherlands, 20-25 August 1980. 1980
- Agenda, participants, 1p note on proposed Symposium in France, April 1980.
- G.39 Symposium in Bucharest, Romania, 28-31 October 1983 1983
- Brief correspondence only.
- Includes letters of thanks by Hodgkin, and letter *re* proposed nomination of Pugwash for Nobel Peace Prize (eventually awarded in 1995).
- G.40 35th Conference, Campinas, Brazil, 1-9 July 1985. 1985
- Notepad of manuscript notes by Hodgkin, some for her concluding speech, some on papers or discussions at the conference; press-cutting. (See J.2, *Hodgkin G.59, G.60*).
- G.41 50th Pugwash Symposium, 'Disengagement in Europe: towards arms reductions and weapon-free zones', Prague, Czechoslovakia, 14-17 April 1988. 1987, 1988
- Council statement and list of participants, brief correspondence. Includes cable requesting article from Hodgkin on history of Pugwash.
- Also included here is Hodgkin's entry form for 49th Symposium 'Common security in Europe', Mragowo, Poland, 23-26 May 1987.

Peace and humanitarian interests, G.1-G.53

- G.42 37th Conference, 'Prospects for the future: towards a
Palestinian-Israeli peace', Gmunden, Austria, 1-6
September 1987. 1987
- Draft report of Working Group on 'The Arab-Israeli
confrontation' annotations by Hodgkin); manuscript and
typescript draft for speech or paper by Hodgkin; 1p
typescript speech by G.A. Baramki, Birzeit University (see
also G.46). (See J.3, *Hodgkin G.62-G.64*).
- G.43 Miscellaneous manuscript notes by Hodgkin taken at
conferences.
- G.44-G.46 Correspondence 1976-1987
- G.44 1976, 1979
- G.45 1979
- Correspondence and papers, February-October on
possible negotiations with China and her participation in
Pugwash (*Ferry p.371*).
- G.46 1981-1987
- Correspondence on invitation to G.A. Baramki to
participate in a conference, 1981, 1983; letters from Anne
Eaton, widow of Cyrus Eaton in whose house the first
Pugwash conference had taken place, 1982, 1987.
- Letter of 1987 explains the name: 'Pagweak is the Indian
for Deep Water and somehow became Pugwash...while
"Pugwash" is not the most elegant word I've always felt
Deep Water quite appropriate for the issues discussed
there'.
- G.47 **Scientists Against Nuclear Arms (SANA)** 1981-1983
- General correspondence and papers mainly on setting up
and inaugural conference of the society at the Open
University, Milton Keynes. (*Hodgkin G.106-G.110*).

Peace and humanitarian interests, G.1-G.53

G.48, G.49	Vietnam (<i>Hodgkin G.114-G.156; Ferry pp 362-367</i>).	1969-1981
G.48	General correspondence and papers. Includes brief exchange with Ngugen Thi Binh, 1969 (<i>Ferry p.363</i>); letter and photocopy of Hodgkin's article 'Bombs over Thanhhoa' published in <i>New York Times</i> , 7 January 1972 (not listed in Bibliography). (<i>Hodgkin G.146; Ferry p.366</i>).	1969-1975
G.49	Medical Aid for Vietnam. (<i>Hodgkin G.122-G.131</i>).	1969-1981
	General correspondence and papers. Includes a few circulars and committee papers, and a little personal correspondence from Joan McMichael, founder of the enterprise (<i>Ferry p.362</i>).	
	Hodgkin accepted McMichael's invitation to become President in 1971 after the death of John Boyd Orr.	
G.50-G.53	MISCELLANEOUS APPEALS	1959-1988
G.50	Russian dissidents. Correspondence and papers (<i>Hodgkin G.95-G.105</i>).	1970-1988
G.51	Political prisoners, refusal of exit visas.	1969-1984
G.52, G.53	Appeals for sponsorship, contribution to good causes, signature to protest letters, legal aid appeal. 2 folders.	1959-1985

SECTION H **CORRESPONDENCE, H.1-H.54** **1933-1994**

References are given wherever possible to correspondents appearing in the previous catalogue in the form *Hodgkin*....

H.1-H.38 GENERAL SCIENTIFIC CORRESPONDENCE

H.39-H.42 SHORTER SCIENTIFIC CORRESPONDENCE

H.43-H.46 MISCELLANEOUS

H.47-H.54 REFERENCES AND RECOMMENDATIONS

H.1-H.38 **GENERAL SCIENTIFIC CORRESPONDENCE** **1933-1992, n.d.**

In alphabetical order, with an indication of any information of particular biographical, historical or scientific interest.

H.1 Byers, N. 1975, 1982

Low temperature physics, nuclear freeze (*Hodgkin G.119*).

H.2 Delbruck, M. 1972

Recollections of Cecil Powell.

H.3 Dodson, G.G. 1969-1990, n.d.

Includes research results and news, diagrams etc.

Dodson was a crystallographer from the University of Auckland, New Zealand, who worked with Hodgkin from 1962 and became one of her principal collaborators on insulin. He became Professor of Chemistry at the University of York, and wrote the Memoir of Hodgkin for the Royal Society, 2002 (*Hodgkin H.72-H.74 and passim*).

Correspondence, H.1-H.54

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|-----|---|--------------------------|
| H.4 | Dornberger (née Schiff), K.

Includes 1p manuscript early calculations on insulin ca 1941.

Käthe Schiff was an Austrian refugee, who worked with Bernal at Birkbeck and became an important recruit to Hodgkin's group on the outbreak of war in 1939. After the war she returned with her husband Paul Dornberger to East Berlin (<i>Hodgkin H.27A and passim; Ferry pp.183, 186, 383</i>). | ca 1941, 1945,
1981 |
| H.5 | Ewald, P.P.

See <i>Hodgkin H.81, H.82 and passim</i> . | 1975, 1980 |
| H.6 | Fankuchen, I.

Early protein research.

Correspondence continues from Dina Fankuchen after Isidor's death in 1964.

(<i>Hodgkin H.83-H.85; Ferry pp.115, 130</i>). | 1937-1941,
1967, n.d. |
| H.7 | Glusker (née Pickworth), J.

Jenny Pickworth was a Somerville pupil of Hodgkin, later joining the research team on vitamin B12 and becoming a close collaborator and friend. After her marriage she worked in America. (<i>Hodgkin H.90-H.92 and passim; Ferry pp.256-261</i>). | 1982-1990 |
| H.8 | Gupta, M.D. | 1967-1977 |
| H.9 | Harding (née Aitken), M.M.

Research on gramicidin, recommendation.

Harding was a Somerville pupil of Hodgkin, later working with her on insulin. (<i>Hodgkin H.99 and passim; Ferry pp.306-314, 323-324</i>). | 1979-1980 |

Correspondence, H.1-H.54

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|------|---|-----------------|
| H.10 | Hartley, H. | 1965, 1972 |
| H.11 | Howard (née Duckworth), J.A.K.
<i>(Hodgkin H.107; Ferry pp.398-400).</i> | 1990, n.d. |
| H.12 | Hughes, E.W. and Hughes R.

Letters from Eddie and Ruth Hughes, friends made on Hodgkin's first visit to America in 1947. Letter of 25 May 1980 includes comments on Bernal. <i>(Hodgkin H.108).</i> | 1952-1983 |
| H.13 | Kass, E. and Kass, A. | 1980-1987, n.d. |
| H.14 | Liao, H.

Includes a letter to Joan Crowfoot 1937, and a collection of essays 'The world belongs to all' by Liao and Derek Bryan, with marginal markings by Hodgkin.

Hongying Liao was a young Chinese Quaker who came to Somerville in 1930 to read chemistry; Hodgkin befriended and helped her. She returned to China, married a British diplomat Derek Bryan, and on his resignation from the Foreign Service she joined him in the work of the British-China Friendship Association. <i>(Ferry pp.335-340).</i> | 1931-1959 |
| H.15 | Lonsdale, K.

Three letters only, 1946, 1960 (on Wolfson Research Fellowship). <i>(Hodgkin H.138-H.140 and passim; Ferry p.238).</i> | 1946, 1960 |
| H.16 | Low, B.W.

One letter only, 29 July 1943, 'Red hot news!' (on penicillin degradation products, sent to Hodgkin during a course of treatment for arthritis in Buxton). <i>(Hodgkin H.141-H.143 and passim; Ferry pp.197-198).</i> | 1943 |

Correspondence, H.1-H.54

- | | | |
|-----------|---|-----------------------|
| H.17 | Lüttke, W.

(<i>Hodgkin H.145</i>). | 1961, 1983 |
| H.18 | Megaw, H.D.

Hodgkin knew Megaw in Oxford and in Bernal's group in Cambridge. Megaw worked for Mullard's during the war, and was later at Girton College Cambridge. Few letters dated. (<i>Hodgkin H.155; Ferry pp.78, 89, 101-102</i>). | 1930s-1950 |
| H.19 | Pauling, L.C. and Pauling A.H.

Miscellaneous correspondence and papers on Pauling and his affairs, not all dated. (<i>Hodgkin H.177, H.178 and passim; Ferry, passim</i>). | 1946-1996 and
n.d. |
| H.20-H.22 | Perutz, M.F.

Perutz, a refugee from Austria, joined Bernal's Cambridge laboratory in 1936. He became and remained one of Hodgkin's closest and most admiring friends; her letters mention many informal visits by him to her laboratory and home.

With J.C. Kendrew, Perutz set up the Cambridge Laboratory of Molecular Biology in 1947. His work on haemoglobin won him the Nobel Prize in Chemistry in 1962 jointly with Kendrew. (<i>Hodgkin H.180-H.182 and passim; Ferry passim</i>). | ca 1942-1993 |
| H.20 | 1940s-1958

Includes unfinished account, by Hodgkin, in the form of a letter to Thomas, after a visit by Perutz describing his experiences of wartime internment, ?1941-1942; letter from Perutz, ?1943; 'Plan of research' on molecular structure of haemoglobin, postwar ?1945, with a manuscript note 'W.L.B.' (Lawrence Bragg); correspondence 1950, 1958. | |
| H.21 | 1973-1992

Letters of 1990, 1992 have recollections of early research (<i>Ferry p.323</i>). | |

Correspondence, H.1-H.54

- | | | |
|-----------|---|---------------|
| H.22 | Miscellaneous material, mainly appeals. | 1993 |
| H.23 | <i>re</i> Porton Down

Papers and correspondence on the work of the Microbiological Research Establishment. | 1968 |
| H.24 | Ramaseshan, S.

<i>(Hodgkin H.190, H.191 and passim; Ferry pp.351-356).</i> | 1983 and n.d. |
| H.25 | Riley, D.P.

Two letters only, on crystal research and on 'Wrinchery' (Dorothy Wrinch's controversial alternative theories of protein structure) (<i>Hodgkin H.196; Ferry pp.147-159</i>).

Hodgkin's first research student, working on insulin. | ?1938-1939 |
| H.26 | Robertson, J.M.

<i>(Hodgkin H.200 and passim).</i> | 1990, 1992 |
| H.27-H.33 | Trueblood, K.N. and others

Trueblood, an American crystallographer based at the University of California at Los Angeles, was a key collaborator in the research on Vitamin B12. His access to the large Standards Western Automatic Computer (SWAC) made rapid extensive calculations possible.

This material was made available for the collection by G. Ferry, who had received it from Trueblood.

Correspondence with other members of Hodgkin's and Trueblood's teams is also included, and there is a little personal material.

<i>(Hodgkin B.506-B.828 gives a full account of the research, Ferry pp.258-263 describes key events. References to publications in the form Bibliog.).</i> | 1953-1990 |
| H.27 | 1953-1954 | /... |

Correspondence, H.1-H.54

- /... Includes the note of 8 July 1953 on hotel writing paper with Trueblood's suggestions for collaborative work using the resources of SWAC, which launched the project (*Ferry p.258*); letters, cables, data.
- H.28 January-June 1955
Letter of 10 January includes Hodgkin's outline plan for a series of five papers on the work.
- H.29 July-December 1955
Publication arrangements (Bibliog. 31); early announcement of B12 structure by A. Todd (*Ferry p.265*); correspondence about computer requirements at Oxford and the history of SWAC administration, September.
- H.30 January-August 1956
From August Trueblood was on sabbatical leave with a Fulbright Fellowship as a visitor in Hodgkin's laboratory; publication (Bibliog. 34).
- H.31 August 1957-November 1958
Includes Trueblood's comments on award of Nobel Prize to Todd, and Hodgkin's reply 'I found it a little sad...because clearly it mattered to my father' (*Ferry p.287*); comments and data for publications (Bibliog. 35, 37).
- H.32 1959-1960
- H.33 1969-1990 and n.d.
Includes some personal material from Jeanie (Trueblood's wife) and Louise (mother).
- H.34 Venkatesan, K. 1969-1982
(*Hodgkin H.210, H.239 and passim; Ferry pp.351-352*).

Correspondence, H.1-H.54

- | | | |
|-----------|--|-----------------------|
| H.35 | Waddington, C.H.

Letter of 1933, from Berlin, comments on rise of Nazism
(<i>Ferry pp.97-100</i>). | 1933, 1941 |
| H.36-H.38 | Wrinch D.M.

Dorothy Wrinch interacted with Hodgkin's life in many ways: as a friend and colleague in the 1930s; as the indirect cause of Hodgkin's first meeting with Thomas in 1937; and as the proponent of a flawed theory of protein structure which Hodgkin found herself bound to oppose despite their long friendship. (<i>Hodgkin H.225-H.227; Ferry pp.147-160</i>). | 1937-1984 |
| H.36 | Correspondence.

Three letters only. | 1937, 1944,
1969 |
| H.37 | Correspondence with P.G. Abir-Am on her paper 'The career of Dorothy Wrinch', a copy of which is enclosed. | 1980 |
| H.38 | Correspondence with P. Laszlo on a draft chapter 'Dorothy Wrinch, or a daring Renaissance scholar in an age of patient data collection', a copy of which is enclosed with a few marginal notes by Hodgkin.

Includes 4pp typescript reply by Hodgkin and 4pp manuscript recollections of their friendship and difficulties over protein structure. | 1984 |
| H.39-H.42 | SHORTER SCIENTIFIC CORRESPONDENCE

Brief exchanges, or single letters, on research in progress or proposed, requests to meet, results, etc.

In alphabetical order. | 1965-1994 and
n.d. |

Correspondence, H.1-H.54

H.39	A.-G.	
H.40	H.-K.	
H.41	L.-S.	
H.42	V., W. and unidentified.	
H.43-H.46	MISCELLANEOUS	1941-1990
H.43	Requests for reprints, for information on scientific discoveries, or recollections of colleagues, from biographers and historians.	1978-1990
H.44	Requests for advice on careers, university places and courses.	1941-1983
H.45	Requests to meet or give assistance to visiting scholars and delegations.	1944-1985
H.46	Letters of thanks from colleagues for greetings sent on birthdays and anniversaries.	1980-1988
H.47-H.54	REFERENCES AND RECOMMENDATIONS	1952-1994
H.47	Theses	1979, 1980, n.d.
H.48	Grant-awarding institutions Von-Humboldt Foundation 1979, Leverhulme Trust 1981.	1979, 1981

Correspondence, H.1-H.54

H.49, H.50	University appointments and promotions	1959-1991
H.49	UK universities.	1979-1983
H.50	Overseas universities.	1959-1991
H.51-H.53	Elections and awards	1952-1994
H.51	Nobel Prizes.	1965-1977
H.52	Royal Society.	1952-1994
H.53	Royal Society of Chemistry.	1982
H.54	Personal requests	1979, 1983

SECTION J	NON-TEXT MATERIAL, J.1-J.26	ca 1923-1989, n.d.
J.1-J.16	PHOTOGRAPHS	ca 1923-1989, n.d.
J.1-J.7	Photographs with colleagues or at conferences	?1957-1989, n.d.
J.1	With colleagues at café table (?Paris)	1957
J.2	With colleagues at Pugwash conference, Brazil (see G.40).	1985
J.3	With colleagues at Pugwash conference, Austria (see G.42).	1987
J.4	With colleagues at Pasadena. Transparencies.	1989
J.5-J.7	Photographs of Hodgkin, one dated 1988. 3 folders.	1988, n.d.
J.8-J.16	Domestic and family photographs	ca 1923-1987
J.8	Envelope of five photographs, with Luke and Liz.	n.d. (mid 1940s)
J.9	Four photographs at Crab Mill	N.d.
J.10	Miniature booklet of photographs of Iona, With a manuscript note 'visited by my mother and myself, a special holiday (note added 1984)'. (<i>Ferry p.17</i>).	N.d.
J.11	Hodgkin with a friend and car	?1928-1930

Non-text material, J.1-J.26

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|------------------|--|------------------|
| J.12 | Photograph of tennis match at San Remo.

Inscribed on verso 'Mdme Dahl and Miss Turtan playing for San Remo a Ladies Double against Bordighera which they won'. See A.58. (<i>Ferry p.21</i>). | ca 1923 |
| J.13 | Photograph at Epirus. | 1946 |
| J.14 | Photograph of 'Georgia's tree' near Jerash | N.d. |
| J.15 | Leather-covered album of 'Photographs taken in 1924 Egypt and the Sudan'

(<i>Ferry pp.21-25</i>). | 1924 |
| J.16 | Set of five photographs of Lady Thatcher with Russian colleagues on a visit to Mosow.

Sent to Hodgkin to commemorate their long acquaintance (<i>Ferry p.375</i>). | 1987 |
| J.17-J.20 | DRAWINGS AND ARCHAEOLOGY | 1926-1932 |
| J.17 | Drawings and sketches, pencil and water-colour, of flowers and still-life, a few signed 'Dorothy Crowfoot', one headed 'Design V Upper', some with class marks or comments.

Work done at the John Leman School in preparation for the School Leaving Certificate which Hodgkin took in 1926, achieving the highest overall mark of any girl candidate for the Oxford Local Examinations that year.

Includes a mock 'Certificate' inscribed to 'The most brilliant demoiselle in this treasured realm of England' commemorating the result and award of a scholarship of £30 (<i>Ferry p.32</i>).

1 box. | |

Non-text material, J.1-J.26

J.18 Drawing of mosaics, tesserae, jewel crystals, based on work at Jerash, Palestine, during Hodgkin's expedition with her parents 1928. 1931, n.d.

One only signed and dated July 1931. Some flower and landscape sketches are also included. See also A.25, B.12. (*Ferry pp.38-39, 52-55*).

J.19 Envelope of 'Diakonicon mosaic photographs (note 1984)'. N.d.

J.20 Contents of an envelope 'Drawings of Mosaics and Byzantine Patterns' mainly relating to the Third International Congress of Christian Archaeology, Ravenna, Italy, 25-30 September 1932. 1929, 1932

Includes notes and drawings, photograph dated September 1929, some commercial cards, notes and drawings of the Book of Kells which Hodgkin saw, with Betty Murray, December 1931 (*Ferry p.69*).

Hodgkin attended the Congress with her parents before starting research with J.D. Bernal at Cambridge (*Ferry p.79*).

J.21-J.26 RESEARCH MATERIAL 1935-1945, n.d.

Glass plates, photographs, specimens.

J.21 Box of glass plates, box labelled 'Tobacco Necrosis Virus'. N.d., 1935

Tobacco virus photographs are undated.

Also contains photographs of insulin dated February 1935, perhaps Hodgkin's first work on insulin from a sample given to her by R. Robinson. See also *Ferry p.109*.

J.22 Box labelled 'Insulin glass plates' 'Dry insulin 1936 Davy Faraday Cr'. 1936

Photographs all inscribed 'Davy Faraday (Royal Institution

Non-text material, J.1-J.26

London) with dates in July 1936.

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|------|--|-----------|
| J.23 | Box labelled 'Insulin'.

Glass plates and photographs inscribed 'Davy Faraday' with dates in July 1936. | 1936 |
| J.24 | Box of specimens labelled 'Barbaloin Rhistrick's Cmpds'. | N.d. |
| J.25 | Box of specimens, unlabelled, contents penicillin and derivatives, some with dates in 1945. | 1945 |
| J.26 | Envelope of large format photographs, includes 'photograph of Boots crystals 25.3.35' (<i>Ferry p.109</i>), 'Chibnal's powder 16.6.35' and other photographs 1935, 1936.

See also B.30, B.39. | 1935-1936 |

INDEX OF CORRESPONDENTS

ABIR-Am, Prina G.	H.37
ADRIAN, Richard Hume, 2nd Baron	A.249
AITKEN, Sir Robert	A.38
AMNESTY INTERNATIONAL	G.1
ANTI-APARTHEID MOVEMENT	G.2, G.3
ANTONIUS, Katy	A.225
ASTBURY, William Thomas	B.52
ASTON, Evangeline	A.224
BABA, Isabelle	A.226
BARAMKI, Gabriel A.	G.12
BARBOUR, Nevill	A.122
BARKER, H.A.	H.32
BAWDEN, Marjorie, Lady	A.249
BEDRI, Balghis	A.227
BEDRI, Yusuf	A.51, A.227
BEEDELL, Christopher	G.47
BENTWICH, Norman	A.122
BERNAL, Eileen	A.228
BERNAL, John Desmond	B.47-B.51 See also B.42-B.46, B.52, D.5-D.9
BERTRAND RUSSELL PEACE FOUNDATION	G.4
BHATT, R. Hashmukray	E.13, E.15, E.17, E.19, E.20
BIJVOET, J.M.	A.249
BINH, Nguyen Thi	G.48
BIRZEIT UNIVERSITY	G.10-G.14
BLOW, David Mervyn	H.52
BOLL-DORNBERGER	See DORNBERGER

Index of correspondents

BONNETT, Raymond	H.39
BORN, Gustav Victor Rudolf	H.52
BOSANQUET, Barbara	A.229
BOSANQUET, Charles Ian Carr	A.229
BOWMAN, Nora	A.36
BRAGG, Sir (William) Lawrence	A.43, H.52
BREWER, Frederick H.	A.26, A.29
BRISTOL UNIVERSITY	E.1-E.5
BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE	E.6
BRITISH CRYSTALLOGRAPHIC ASSOCIATION	E.7
BRITISH-SOVIET FRIENDSHIP SOCIETY	G.5
BUFFO, Paolo	A.249
BULLARD, Sir Julian (Leonard)	A.249, G.13
BUNN, Charles William	A.42
BURGEN, Sir Arnold (Stanley Vincent)	H.39
BURNET, Alice	A.230
BYERS, Nina	H.1
CAIRNS, Barbara, Lady	A.250
CALVIN, Melvin	E.25
CAMPAIGN FOR NUCLEAR DISARMAMENT	G.6
CANDELORO DE SANCTIS, Sofia	A.250, H.39, H.54
CARLISLE, Charles Harold ('Harry')	E.1
CHAIN, Anne Beloff, Lady	A.250
CHESNEY, Kathleen	A.37
CHIBNALL, Albert Charles	A.250
CHILDREN'S MEDICAL CHARITY	E.8-E.20
CHOU PEI YUAN	G.45

Index of correspondents

CHRISTIE, Renfrew	A.231
CLARK, Ronald W.	H.43
COLLINS, Jimmy	A.232
COLLINS (née STEVENS), Katie	A.232
COLLINS, Lewis John, Canon	G.7
CORNFORTH, Sir John (Warcup) ('Kappa')	A.93
COULSON, Charles Alfred	G.48
COULSON, C. Barrie	A.42
COWAN, Mary	A.250
COX, Sir (Ernest) Gordon	A.38
CRAIG, Barbara Denise	A.32
CROWFOOT, Diana	See ROWLEY
CROWFOOT, Elisabeth Grace	A.97, A.98 See also A.99, A.115
CROWFOOT, Grace Mary ('Molly')	A.99-A.118, A.136 See also A.86, A.126
CROWFOOT, Joan	See PAYNE
CROWFOOT, John Winter	A.119-A.122 See also A.85
CRUIKSHANK, Durward William John	D.34, E.30, H.52
DAINTON, Frederick Sydney, Baron	A.38
DALYELL, Tam	H.23
DAVIES (later KOBLENZ), Gwen	A.233
DEELEY (later GARDNER), Christine ('Chriss')	A.24
DELBRUCK, Max	H.2
DESAI, M.V.	D.33
DESIRAJU, Gautam	H.39
DEVONSHIRE, Alice Mary, Dowager Duchess of	A.251
DIAMOND, Micu	A.234

Index of correspondents

DIAMOND, Pamela	A.234
DINGWALL, Eric J.	A.34, A.36
DODSON, George Guy	B.38, H.3
DOMBEY, Norman	H.39
DONNAY (née HAMBURGER), Gabrielle ('Gai')	A.251
DORNBERGER (née SCHIFF), Katharina ('Käthe')	H.4
DOW, Dorothea	A.251
DOWNING, David Francis	A.51
DUAX, William L.	E.30
DUNMAN, Helen	A.251
EATON, Anne	G.46
EDSALL, John Tileston	D.19
ENNALS, David Hedley, Baron	E.17
ESCOTT, Sir (Ernest) Bickham SWEET-	A.258
EWALD, Paul Peter	H.5
FANG MING, Miao	H.39
FANKUCHEN, Dina	H.6
FANKUCHEN, Isidor	H.6
FATT, Paul	G.47
FEINMANN, Leslie	D.33
FIELD, Kate	A.252
FISHER, Sir Henry (Arthur Pears)	A.38
FLOREY, Howard Walter, Baron	A.252
FREIER, Shalheveith	G.46, G.50
FREUDENBERG, K.	B.31
FRIEDMANN, Herbert C.	A.252
FRY, Sara Margery	A.29, A.235, A.236

Index of correspondents

GALE, Noel H.	H.44
GARDINER, Margaret	A.253
GARROD, Dorothy	A.36
GASTER, Lucy	A.253
GIBBERD, Kathleen	D.33
GLUSKER (née PICKWORTH), Jenny	H.7, H.28, H.31
GOLDANSKII, Vitalii	E.25
GOWING, Margaret Mary	A.88, D.7
GRIMOND, Joseph	A.253
GUPTA, Maya Dutta	H.8
GUTFREUND, Herbert ('Freddie')	E.1
HAMILTON, Sir Frederic Howard	A.123
HAMILTON, Mary Alice ('Molly'), Lady	A.122,A.123
HAMILTON, Mary KEYNES-	A.218
HARDING (née AITKEN), Marjorie M.	H.9
HARDY, Henry	H.43
HARINGTON, Charles Robert	A.37
HARPER, Terence J.	A.254
HARRISON, Austen St B.	A.237
HARRISON (née COWAN), Pauline May	A.254
HARTLEY, Sir Harold Brewer	H.10
HARVEY, Jack V.	A.24
HENDERSON, Isobel	A.36
HIGHAM, Thomas	A.122
HIPPE, Erik	H.40
HIRSCHMANN, Ralph F.	A.40
HODGKIN, Alice Mary	A.211

Index of correspondents

HODGKIN, David	A.211
HODGKIN, Dorothy Forster	A.124,A.125, A.134
HODGKIN, Edward	A.126-A.128, A.133, G.48
HODGKIN, Eliot	A.211
HODGKIN, Helen	A.211
HODGKIN, John Robin Tobias ('Toby')	A.208-A.210
HODGKIN, Judith ('Judi')	A.209, A.210
HODGKIN, Luke Howard	A.129-A.138
HODGKIN, Nancy	A.126
HODGKIN, Prudence Elizabeth ('Liz')	A.139-A.153
HODGKIN, Robert Howard ('Robin')	A.139, A.154
HODGKIN, Robin Allason	A.155
HODGKIN, Thomas Lionel	A.131, A.156-207, D.26 See also A.97, A.129, A.236
HOLDSWORTH, Violet	A.36, A.139, A.213
HOOD, Christobel	A.214
HOOD, Dorothy	A.215
HOOD, Grace	A.216
HOOD, Sinclair	A.217
HOURANI, Albert	A.122
HOWARD (née DUCKWORTH), Judith A. K.	E.4, E.7, H.11
HUGHES, Edward W.	H.12
HUGHES, Ruth	H.12
INFOFFEN, Hans Herloff	A.254
L'INSTITUT DE LA VIE	E.21-E.26
INSTITUTE OF PHYSICS	E.27
INTERNATIONAL ORGANIZATION FOR CHEMICAL SCIENCES IN DEVELOPMENT	E.28

Index of correspondents

INTERNATIONAL UNION OF CRYSTALLOGRAPHY	E.29, E.30
JAMALUDDIN, S.M.	H.40
JAMES, Michael	H.40
JENKIN, John G.	H.43
JENSEN, Lyle H.	H.46
JENSEN, Mildred	A.254
JOHNSON, Louise Napier	H.54
JONES, Sir Ewart Ray Herbert ('Tim')	H.43
JOSEPH, A.F. ('Uncle Joseph')	A.27
KAMENAR, Boris	D.30A, H.40
KAPITZA, Sergei P.	A.51
KAPLAN, Martin	G.44, G.45, G.46, G.50
KARLE, Jerome	A.255
KASS, Amalie M.	H.13
KASS, Edward H.	H.13
KATO, Noria	E.30, F.17
KELLY, Alison	D.32
KENDREW, Sir John Cowdery	G.50
KENIRY, Anthony J.	E.16
KENNARD, Olga (Lady Bergen)	F.4
KEYNES, Richard Darwin	E.25
KEYNES-HAMILTON, Mary	See HAMILTON, Mary KEYNES-
KING, James N.	E.29
KIRK, George	A.122
KOBLENZ	See DAVIES, G.
KRATKY, Otto	A.50
KRISHNAMURTI, V.	A.255

Index of correspondents

KURTI, Nicholas	A.36
LASZLO, Pierre	H.38
LATTEY, R.T.	D.1
LIANG Dong-cai	A.255, H.24
LIAO Hongying	H.14
LINNELL, John C.	E.9, E.10, E.11, E.12, E.15
LIPSON, Henry Solomon	G.47
LOHMANN, Wolfgang	H.41
LONSDALE, Kathleen, Dame	H.15
LOTHIAN, Antonella ('Tony'), Marchioness of	D.34
LOUTIT, John Freeman	H.52
LOW, Barbara Wharton	H.16
LUTTKE, Wolfgang	H.17
MACAULAY, Janet	A.256
MACFARLANE, Robert Gwyn	H.43
MACKAY, Alan Lindsay	D.9
MACKENZIE, Mandy A.	E.31
McMICHAEL, Joan K.	G.49
MARSHAK, Alfred	A.256
MARTIN LUTHER KING FOUNDATION	G.7
MATTHEW, Gervase OP	A.122
MATTHEWS, David M.	E.8, E.16
MEDAWAR, Jean, Lady	A.256
MEGAW, Helen Dick	H.18
MENDEL, Herman	H.41
MEYER, Alan	E.17
MEYER, Jean	A.256

Index of correspondents

MITCHISON (née WRONG), Rosemary	A.256
MOBERLY, Gwendolen, Lady	A.136
MOORE, Francis Hugh	H.41
MORRELL, Jack	H.41
MORRIS, Charles	A.38
MORTLOCK, C. Bernard	A.122
MORTON, Beatrice E., Lady	A.256
MUIR, Barbara	A.88
MUIR, Helen	A.32
MURRAY, Katherine Maud Elisabeth ('Betty')	A.238-A.241
NÁRAY-SZABÓ, Gabor	A.257
NEAME, Elizabeth	G.12
NEEDHAM, Joseph	F.1, H.45
NOSSAL, Sir Gustav Joseph Victor	E.25
NOWACKI, W.	D.9
NUCLEAR WARFARE TRIBUNAL	G.8
NZOKOU, Lazare	A.242
OXFORD SOCIETY FOR SOCIAL RESPONSIBILITY IN SCIENCE	G.9
PAGAN, Francis ('Frank')	A.5, A.6
PARK, Daphne Margaret Sybil Désirée, Baroness Park of Monmouth	A.32, E.2
PARRY, J.H.M.	E.3
PATTERSON, Elizabeth Knight ('Betty')	A.257
PAULING, Ava Helen	H.19
PAULING, Linus Carl	A.206, H.19
PAYNE, Denis	A.219

Index of correspondents

PAYNE (née CROWFOOT), Joan	A.104, A.219
PENTZ, Michael J.	G.47
PERRY OF WALTON, Walter Laing Macdonald, Baron	A.48
PERUTZ, Max Ferdinand	H.20-H.22
PETERS, Sir Rudolph Albert	B.27
PICKWORTH, Jenny	See GLUSKER
PINSKER, Z.G.	H.46
PIRIE, Antoinette ('Tony')	A.257, G.6
PLANT, S.G.P.	A.29
POPPER, Sir Karl Raimund	A.50
POWELL, Isobel	A.51
PUGWASH CONFERENCES ON SCIENCE AND WORLD AFFAIRS	G.32-G.46
PUSEY, Norah	A.243
RAE, Ian D.	H.43
RAMASESHAN, Sivaraj ('Siv')	H.24
RAMSAY, L.	D.8
RASMUSSEN, Svend Erik	E.30
RILEY, Dennis Packer	H.25
ROBERTSON, John Monteath	H.26
ROGERS, Rita R.	F.15
ROSE, Steven Peter Russell	G.4
ROSSMAN, Michael George	B.38
ROTBLAT, Sir Joseph	G.44
ROUS, Peyton	A.42
ROWLEY (née CROWFOOT), Diana ('Dilly')	A.104, A.220-A.223 See also A.20-A.22
ROYAL SOCIETY OF CHEMISTRY	E.31-E.33

Index of correspondents

RYMAN, Brenda E.	A.51
SALAM, Abdus	G.45
SASVÁRI, Kálám	A.258
SAYRE, Anne	A.244
SAYRE, David	H.41
SCHLICHTKRULL, Jorgen	H.41
SCIENTISTS AGAINST NUCLEAR ARMS (SANA)	G.47
SEABORG, Glenn Theodore	E.28
SEIDMAN, Ann	A.258
SELIGMAN, Brenda	A.122
SIMPSON, Lily	A.258
STARKIE, Enid Mary	A.246
STEPKOWSKA, Eva T.	H.41
STRACHEY, Julia P.	A.34
STRUCHKOV, Yu T.	H.41
SWEET-ESCOTT, Sir (Ernest) Bickham	See ESCOTT
TAYLOR, T.W.J. ('Tommy')	A.34
THATCHER, Margaret Hilda, Baroness	A.247
THICKNESSE, Grace	A.259
THOMAS, Sir John Meurig	D.34
THYNNE, John Corelli James	A.46
TIZARD, Sir (John) Peter (Mills)	E.12
TOWNES, Charles Hard and Frances	A.259
TRAUB, Wolfie	G.12
TRENAMAN, Nancy Kathleen	E.1
TRESS, Ronald Charles	D.18
TRUEBLOOD, Jeanie	H.33

Index of correspondents

TRUEBLOOD, Kenneth N.	H.27-H.33
TRUEBLOOD, Louise	H.31, H.33
URWICK, Sir Alan (Bedford)	G.12
VASILESCU, Vasile	A.206, E.3, F.8, F.15, F.21
VASILESCU, Viorica	H.42
VENKATESAN, K. ('Van')	H.34
VIJAYAN, K.	H.42
VOGT, Marthe	G.47
WADDINGTON, Conrad Hal	H.35
WATERS, Sir (Thomas) Neil (Morris)	A.206
WEISS, Michael A.	H.42
WEISSKOPF, Viktor Frederick	G.45, G.50
WELSH, Eleanor T.	A.36
WHIFFEN, David Hardy	D.33
WHITE, John G.	H.29, H.30
WHITE, Stephen	A.206, D.33
WHITELOCK, Mary	A.257
WIESEL, Elie	G.25
WIGG, George Edward Cecil, Baron	A.259
WILKINS, Maurice Hugh Frederick	H.23
WILLIS, Dorothy	A.42
WILLMER, Edward Nevill	A.34
WINTER, Marjorie	A.106
WOLFERS, Michael	A.248
WOLSTENHOLME, Sir Gordon (Ethelbert Ward)	A.47
WOODGER, Joseph Henry	A.36

Index of correspondents

WOOLFSON, Michael Mark	H.42
WRIGHT, Thomas	A.117
WRINCH, Dorothy Maud	H.36-H.38
WURR, Edmund N. ('Buzzer')	A.24
YABLOCHKOV, Leonid Dmitrievitch	A.259
ZUCKERMAN, Solly, Baron	A.236