



National Cataloguing Unit for the Archives of Contemporary Scientists
in association with the Royal Society

Second supplementary catalogue of the papers and correspondence of

DOROTHY MARY MOYLE NEEDHAM FRS

(1896-1987)

Compiled by Timothy E. Powell and Peter Harper

Deposited in the Library, Girton College, Cambridge

NCUACS 62/5/96

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INTRODUCTION

This catalogue of papers and correspondence of Dorothy Needham is a supplement to those compiled in 1990 (NCUACS 22/7/90) and 1992 (NCUACS 37/5/92). The material has been arranged into sections and numbered to follow the sequences of these previous catalogues, which should therefore be consulted in conjunction with this catalogue.

DESCRIPTION OF THE COLLECTION

The collection is presented in the order given in the List of Contents. Material supplementary to the previous catalogues has been found for sections A (Biographical and personal), B (Cambridge University), D (Publications and lectures), E (Visits and conferences) and F (Correspondence).

Section A, Biographical and personal, includes material from Needham's time in China, 1944-1945, with the Sino-British Science Cooperation Office, of which her husband Joseph Needham was Director. There is also a little personal correspondence, material relating to a number of the appeals and campaigns with which she was associated, and photographs of Needham.

Sections B, Cambridge University, and D, Publications and lectures, are very slight additions to the material in the earlier deposits.

Section E, Visits and conferences, is principally a sequence of travel diaries spanning the period 1944-1977. They are in the form of notebooks - or loose pages from same - used for recording, usually in some detail, travel, institutions visited, contacts made and personal observations on food, social activities etc. The section also includes a little material relating to other visits and conferences 1948-1972.

Section F, Correspondence, is chiefly the contents of Needham's folder of 'Notes concerning published papers and letters'. It includes correspondence from L.H. Stickland, Jean Hanson and Lou[?is Rapkine].

There is also an index of correspondents.

LOCATIONS OF OTHER MATERIAL

Material relating to Dorothy Needham may also be found in the papers and correspondence of Joseph Needham, whose papers are deposited in the Cambridge University Library (catalogued as NCUACS 54/3/95).

Timothy E. Powell
Peter Harper
BATH 1996

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BIOGRAPHICAL

A.123	School certificates, 1907-1912.
A.124	B.A. and M.A. certificates, September 1923. Ph.D. certificate, January 1930.
A.125	'Memorandum on the health of Dr Dorothy Needham, FRS' by Joseph Needham, 31 January 1985.
A.126-A.133	Letters of condolence received by Joseph Needham. Arranged alphabetically. Not indexed.
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Biographical and personal

- A.128 G-I
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- A.133 First name and unsigned.
- A.134 Memorial service, Gonville and Caius Chapel, Cambridge, 11 February 1988.
- A.135 Exchange *re* arrangements for Dorothy Needham's Royal Society *Biographical Memoir*, 1988.
- A.136 Endowment of Dorothy and Joseph Needham Studentship, Lucy Cavendish College Cambridge, 1988.

CAREER AND HONOURS

- A.137-A.139 'Souvenirs'. Contents of Needham's envelope so inscribed: mostly material from China 1943-1945.

In early 1944, Dorothy Needham joined her husband Joseph Needham in China where he was head of the Sino-British Science Cooperation Office (SBSCO), an organisation responsible for supplying Chinese research and teaching institutions with scientific, technical and medical support.

/...

Biographical and personal

- /... For further material about the SBSCO see also E.12-E.15 of the present catalogue and the Catalogue of the Papers and Correspondence of Joseph Needham, deposited in Cambridge University Library (NCUACS catalogue no. 54/3/95), section C.
- A.137 Manuscript notes of telegrams *re* Needham's going to China, September 1943; manuscript notes on shrubs and other plants; note of the inscription on Needham's personal seal.
- A.138 Pocket notebook used for notes on visits to Chinese research institutions, contacts made in China etc.
- A.139 2pp typescript account of the work of the Sino-British Cooperation Office; pass for Needham's return home; UN identity card for use in France; manuscript notes on international relations.
- A.140 Chinese pass card.

Note (in Joseph Needham's hand) on the envelope in which it was found reads: 'This is a "passport" or permit issued to Dorothy Needham in Aug. 1945 by the Foreign Affairs Bureau of the Nationalist Govt of China. It request[s] that the holder be protected, treated with due respect, and facilitated in her affairs by all organs of the army & police'.

'Wartime Dorothy Needham name card'. In Chinese.
- A.141 Notice of election to the Fellowship of the Royal Society, 19 March 1948.
- A.142 Menu for dinner in honour of Needham on her retirement from experimental work, 8 May 1963.
- A.143 Exchange *re* plaque commemorating Needham's Honorary Membership of the Biochemical Society, 1985.
- A.144 Ninetieth birthday, 21 September 1986.

Biographical and personal

DIARIES

- A.145 '1910 diary'. Contents of envelope so inscribed: notebook and loose notes of trip to Garmisch, August 1910.
- A.145A 1945 pocket diary.

PERSONAL CORRESPONDENCE

- A.146 Needham, J. 1947, 1973, 1979.
Postcards from visits abroad.
- A.147 Teich, M. 1973
- A.148 Wakid, N. W. 1964, 1969, 1973,
nd
- A.149, A.150 Correspondence arranged chronologically (includes some incomplete letters).
- A.149 Various dates 1921-1972.
- A.150 Various dates 1973-1983, nd.

Biographical and personal

APPEALS AND CAMPAIGNS

A.151, A.152	Amnesty International	1973, 1974, 1983
A.151	Papers <i>re</i> activities of Amnesty International, chiefly the Cambridge branch.	
A.152	Correspondence <i>re</i> prisoners of conscience and human rights; manuscript drafts of Needham's letters on behalf of prisoners	
A.153	British Deaf Association	1972
	Cambridge Society for Social Responsibility in Science	nd
	Cambridge Women's Welfare Association	1974
A.154	Medical Aid for Vietnam	1974
A.155	National Campaign for the Abolition of Capital Punishment	1970
A.156	Greek Relief Fund	1974
	International Friendship Hospital for Women and Children in Hanoi	1973
	London Association for the Blind	1973
	Society for Anglo-Chinese Understanding	1973
	United Nations Association	1968

Biographical and personal

PHOTOGRAPHS

- A.157 Photograph of Needham as a young woman, nd.
- Photographs of Needham in envelope inscribed 'Taken by Sydney Steele June 1932'.
- Portrait photograph of Needham inscribed on verso 'Dr Dorothy Needham ca.1935 when a candidate for Castle Ward in the City Council elections, Cambridge'.
- A.158 Studio photographs of Needham inscribed on verso '[...]Polyfoto, London ca.1935', but probably later.
- Photograph of Needham and other inscribed on verso '25, March, 1948'.
- A.159 Photographs of Needham, one inscribed on verso '[...] in a laboratory at Mainz in the Rhineland. ca.1960'.
- Photograph of Needham inscribed on verso 'Malayan Students Society Dinner Mar 64'.
- A.160 Photograph of Needham inscribed on verso '[...] near Eisenstadt Austria 1965'.
- Photographs of Needham in envelope inscribed 'To Joseph Needham early 77 with Hashimoto Keizo and family'. Feature the Needhams.

Biographical and personal

MISCELLANEOUS

- A.161 Passports: 1935-1944, 1945-1950, 1950-1960, 1960-1970.
- A.162 National Identity Card, 1943-1946; ration book 1953-1954.
- A.163 Power of Attorney, given to Joseph Needham, 5 December 1983.
- A.164 Hardback notebook labelled on front cover 'Recipes. D. M. Needham'.
- A.165 Pocket notebook used 1956-1958 possibly to record books read by Needham.

SECTION B

CAMBRIDGE UNIVERSITY

B.65-B.67

- B.65 Duplicated typescript teaching material for biochemistry courses, 1950s-1960s.
- B.66 Miscellaneous Department of Biochemistry papers, 1950s-1960s.
- B.67 Printed material from British Federation of University Women, 1966-1973.

SECTION D

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D.124-D.128

PUBLICATIONS

D.129, D.130

LECTURE AND BROADCAST

PUBLICATIONS

- D.124 'A quantitative study of succinic acid in muscle. I', *Biochemical Journal* 1924.
Corrected proof.
- D.125 'The biochemistry of the myometrium', with C.F. Shoenberg, in R.M. Wynn, ed. *Cellular Biology of the Uterus* (New York, 1967), 291-352.
Corrected proof.
See also D.10 in the first catalogue of Dorothy Needham's papers, NCUACS 22/7/90.
- D.126, D.127 Miscellaneous manuscript and typescript pages of drafts. 2 folders.
- D.128 Miscellaneous editorial correspondence, 1958-1968 and nd.

LECTURE AND BROADCAST

- D.129 Invitation to Needham to give talk for BBC's Home Service 'Observation Post' programme, 10 October 1947.
- D.130 Untitled manuscript draft beginning 'I should like to speak first about the universities'.
Possibly early draft of 'Chinese Scientists Revisited - 1972' delivered in Bristol and Leicester (see D.73 in the first catalogue of Dorothy Needham's papers, NCUACS 22/7/90).

SECTION E

VISITS AND CONFERENCES

E.12-E.41

E.12-E.36

TRAVEL DIARIES

E.37-E.41

OTHER VISITS AND CONFERENCES

TRAVEL DIARIES

Notebooks, or contents of same, used by Needham for notes on visits abroad. They record, usually in some detail, travel, institutions visited and contacts made and personal observations on food, social activities etc.

The visits were made with Joseph Needham and sometimes with Gwei-Djen Lu also. The postwar visits generally combine holiday activities with visits to research institutions and scientific colleagues and lectures.

- E.12-E.15 Softback memo books used in China 1944-1945.
- E.12 'I'. 7 February 1944 - 11 January 1945.
- E.13 'II'. 15 January - 2 April, 3 November - 11 December 1945.
- E.14 'III'. 25 August - 3 November 1945.
- E.15 Unnumbered. Used for notes on procedures for posting mail, expenses etc.
- E.16 Loose manuscript notes on visit to Lebanon and Turkey, 3-27 December 1948.
- The Needhams attended the first UNESCO General Conference held in Beirut and returned to the UK via Turkey.
- E.17 Hardback pocket notebook inscribed 'Ceylon Δ 1958'. Used 18 February - 26 April 1958.

Visits and conferences

- E.18 Softback pocket notebook labelled on front cover 'Spain & Portugal 1960'.
Used 9 August - 8 September 1960.
- E.19 Softback pocket notebook inscribed on front cover 'Jugoslavia 1961'. Used
24 July - 24 August 1961.
- E.20, E.21 Softback pocket notebooks used in visit to Czechoslovakia and Austria, 15
August - 12 September 1963.
- E.20 Inscribed on front cover 'D.M. Needham Czechoslovakia & Austria 1963'.
- E.21 Inscribed on front cover 'Austria 63 (cont) D.M. Needham'.
- E.22 Loose manuscript notes headed 'Denmark & Sweden'. Used 3-20 April
1964.
- E.23 Pocket notebook inscribed on front cover 'China 64'. Used 1 July - 26
August 1964.
- E.24 Softback pocket notebook inscribed on front cover 'China & Japan 64'. Used
19 August - 22 September 1964. A little loose material intercalated.
- E.25 Pocket notebook used on visit to China and Japan, 22 September - 21
October 1964.

Continuation of preceding.
- E.26 Ringback pocket notebook inscribed on front cover '1965 Austria & Poland'.
Used 13 August - 11 September 1965. A little loose material intercalated at
front.
- E.27 Spiral bound pocket notebook inscribed on front cover 'Greece & Lebanon
66'. Used 30 August - 27 September 1966.

Visits and conferences

- E.28 Spiral bound pocket notebook inscribed on front cover 'Malta Denmark 67'. Used 5-20 September (Malta) and 22-ca.30 September (Denmark) 1967.
- E.29 Spiral bound pocket notebook inscribed on front cover 'Malta 67'. Used for notes on Maltese history in connection with visit. Intercalated loose at back are notes on wool preparation (not in Needham's hand).
- E.30 Softback pocket notebook inscribed on front cover 'Japan 1971 Hong Kong 1971'. Used 3 July - 9 September 1971.
- E.31 Softback pocket notebook inscribed on front cover 'Hong Kong Singapore Guala Lumpar Ceylon 1971'. Used 10-30 September 1971.
- E.32, E.33 Spiral bound notebooks used for notes on visit to China and Japan 1972.
- E.32 Inscribed on front cover 'China 1972 1'. Used 2 July - 20 August, continued on loose pages at back. Paginated 1-96.
- E.33 Inscribed on front cover 'China + Japan 1972 2'. Used 21 August - 23 September. Paginated 97-157.
- E.34 Loose manuscript notes used for visit to south of France 30 June - 18 July 1973.
- E.35 Loose manuscript notes used for visit to France and Italy 1-12 April 1974.
- E.36 Softback notebook inscribed on front cover 'Edinburgh 1977 Congress etc Uppsala 1977 500th Anniversary Stockholm'. Used 7-20 August (Edinburgh) and 23 September - 8 October.

Visits and conferences

OTHER VISITS AND CONFERENCES

- E.37 Letter to Needham *re* her forthcoming visit to Holland in April, 25 March 1948; poster *re* Needham's lecture on 'Recent advances in biochemistry of muscle' to Nederlandse Vereniging voor Biochemie, Amsterdam, 21 April.
- E.38 Invitation to talk at Nutrition Society meeting on The Nutrition of Athletes, Royal Society of Medicine, London, 17 July 1948.
- Invitation to luncheon prior to Royal Society meeting on Muscular Contraction and Relaxation: their physical and chemical basis, 7 July 1949.
- E.39 British Biophysical Society meeting on Muscular Contraction, University College London, 18-20 December, 1967.
- Abstracts.
- E.40 British Biophysical Society meeting on Conformation of Polypeptides and Fibrous Proteins, Leeds University, 6-8 April 1971.
- Notice; provisional programme; abstracts.
- E.41 Fourth International Biophysics Congress, Moscow, 7-14 August 1972.
- Programme only.

SECTION F

CORRESPONDENCE

F.39-F.47

- F.39-F.46 'Notes concerning published papers and letters'. Contents of Needham's folder so inscribed divided into eight for ease of reference: chiefly scientific correspondence with notes and drafts found therewith.
- F.39 Miscellaneous manuscript notes, tables etc, 1941.
- F.40 Correspondence from L. H. Stickland, 1941-1950, and H.A. Lardy, chiefly *re* glycolysis.
- F.41 Correspondence from Lou[?is Rapkine], nd, reporting on research in progress.
- F.42 'Experiments in crystalline enzyme', 12pp typescript and manuscript draft with manuscript material in the hand of correspondent of F.41; 3pp data from experiments, nd.
- F.43 Correspondence with Jean Hanson, 1962.
- F.44 Miscellaneous correspondence 1954-1961.
- F.45 Miscellaneous correspondence 1962-1964, nd.
- F.46 'On the question of the inhibition of enymes by cortisone', by Needham, 7pp typescript draft + graphs, latest bibliographical reference 1951; miscellaneous manuscript notes.
- F.47 Miscellaneous correspondence 1959-1985, nd.

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