

CONTEMPORARY SCIENTIFIC ARCHIVES CENTRE

under the guidance of the Royal Society's

British National Committee for the History of Science, Medicine and Technology

Catalogue of the papers of

PATRICK MAYNARD STUART BLACKETT, O.M., F.R.S.

BARON BLACKETT, OF CHELSEA

(1897 - 1974)

VOLUME II

Sections E - J

Conspectus of publications

List of publications

Index of correspondents

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SECTION E POLITICAL ACTIVITIES E.1 - E.76

The papers in this Section fall into two groups.

There is a relatively small amount of material relating to the Association of Scientific Workers, with which Blackett had a long connection and of which he was President 1943-47.

The bulk of the material consists of papers relating to the work of discussion groups in the Labour Party which met under various names and sponsors with the aim of preparing a policy for science and technology to be implemented under a future Labour Government, and in particular to the development of the idea of a Ministry of Technology which was instituted after the Party's victory in the General Election of October 1964.

A considerable amount of duplicated or typescript reports, research and discussion papers and similar documents, circulated to Blackett by the Labour Party or other groups, or by individuals, remains in the folders. Blackett drew upon it as background material at various times for his own papers, and it is also a record of activity in one aspect of the preparation for the 1964 General Election and the formation of the Ministry of Technology.

Although all the material in this Section is concerned with political activity, it by no means represents the whole of Blackett's involvement in political matters as recorded in the collection. Reference should also be made to Section F, in particular to F.26 - F.38 (The Trend Committee), and to lectures and writings in Sections G. and H.

Section E - Political Activities

The material is presented in the following sub-sections, though there is inevitably some degree of overlap. Each sub-section is preceded by an introductory note.

E.1	-	E.23	Association of Scientific Workers (A.Sc.W.)	1939-48, 1963-67
E.24	-	E.34	'The Gaitskell Group'	1956-63
E.35	-	E.47	Misc. Socialist and Labour Party activities	1956-64
E.48	-	E.65	Ministry of Technology (Mintech)	1963-72
E.66	-	E.74	Misc. Labour Party and official committees	1954-69
E.75, E.76			Press-cuttings and printed matter	

Section E - Political Activities

E.1-E.23 ASSOCIATION OF SCIENTIFIC WORKERS (A.Sc.W.)

Blackett became a Vice-President of the Association in 1939 and served as its President from 1943 to 1947. During his term as President, Blackett delivered numerous lectures relating to the work of the Association in which he stressed the need for scientists to play a larger role in post-war economic and political affairs. He also called for closer links between scientists and the organised trade union movement. To this end, he sponsored a resolution at the 1945 T.U.C. that a scientific advisory committee should be established; Blackett was one of the three A.Sc.W. representatives on the first committee, which was formed in 1946.

In addition to the lectures and publications, the papers also include 2 chronological sets of correspondence, 1939-48 and 1963-67, and one folder of printed matter re the Association.

See also F.11.

E.1 One folder of early correspondence and papers re A.Sc.W. 1939-48

Includes: Letter from secretary, Mrs. R. Fremlin, 16 October 1939, asking Blackett if he would accept nomination as a Vice-President of the Association.

Ms. notes for and drafts of Blackett's correspondence with the secretary re publications of the A.Sc.W. One set of notes is titled 'Dangers of academic scientists going too industrial', written from Admiralty.

c. 1945

Correspondence with W.A. Wooster re finance for World Federation of Scientific Workers, November 1948.

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- E.2 Correspondence and papers re A.Sc.W., 1963-67 1963-67
- Includes: Correspondence re question of higher degrees for
scientific workers in non-university institutions.
Correspondence re proposal for a universities
architectural advisory service.
- E.3 One file of printed matter. 1938-66
- Includes: Copy of resolution adopted at Council, 1938.
Report of executive meeting, 1939.
Summary of J.D. Bernal's Presidential address
to Council, 1948.
Misc. pamphlets and brochures.

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E.4-E.23 Lectures and publications

During his term as President, Blackett delivered numerous addresses either on behalf of the Association or to its members. His notes vary from brief jottings on a postcard to very full ms. drafts; some lectures remain in the form of typescripts written up for publication in the Association's journals or for distribution to the national press.

The material is presented below in date order.

- E.4 'Science and Society', 10 March 1937.
2 pp. ms. notes. Second page was reworked and material used in lectures at Oxford and Hampstead (see below).
- E.5 'Background of Scientific Discovery in 17th X', Oxford, 20 October 1937. (Lecture was also delivered in Hampstead, November 1937.)
7 pp. ms. notes, pages numbered 1-3a, 4-6. The notes are very full and were reworked and annotated by Blackett before his address in Hampstead.
- E.6 Talk by Blackett in Liverpool, 16 June 1938, prior to the formation of an A.Sc.W. branch there.
2 sets of ms. notes, one has been reworked by Blackett (possibly for delivery in Edinburgh).
Letter from A.Sc.W. Secretary, Mrs. R. Fremlin, enclosing 4 typescript pp. of notes on the origin and objectives of the organisation.
- E.7 Conference on the planning and direction of scientific work, sponsored by A.Sc.W., January 1943. Blackett spoke at the third session on the problems of re-building research teams after the war.
Correspondence with A.Sc.W. Secretary re the scope of his talk; 3 pp. ms. notes for talk.
7 pp. typescript on 'Some Immediate Problems of the Post-War Period'. (This is probably Blackett's talk written up for publication.)
For further talks and papers on the organisation of science, see H.6-H.14.

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- E.8 Article by Blackett on post-war science, for publication by A.Sc.W.
9 pp. typescript amended and annotated by Blackett, 14 September 1943. Related to E.7 above.
- E.9 'Planning of Science'., 2 pp.
Ms. notes for talk delivered in Manchester, October 1943.
- E.10 Talk delivered by Blackett in 1943, place and date not known.
4 pp. misc. ms. notes.
- E.11 'A.Sc.W. Council 1944', 2 pp.
Ms. notes for Blackett's Presidential Address c. 25 May (see Blackett's address to Council 1945, in E.15, in which he refers to previous year's meeting as being on 'What was to turn out to be D-12 day').
- E.12 'Reflections on the Trades Union Congress 1944'. 1944
7 pp. typescript report by Blackett on the Congress at Blackpool - with special reference to the Congress's acceptance of the A.Sc.W. Council's Interim Report on Post-War Reconstruction, and to the internationalism of the trade union movement.
- E.13 A.Sc.W. Conference on 'Science in Peace', Caxton Hall, London, February 1945. This Conference 'led to the initiative for the formation of the World Federation of Scientific Workers' (see Lovell, Memoir, pp.95-96). 1945
Short notes by Blackett for his opening remarks as Chairman and for his introduction of the speakers.
'Fundamental Science'. 3 pp. ms. notes for Blackett's speech at session 2. Typed transcript of shorthand account of Blackett's speech (10 pp. numbered 105-114) with 2 pp. of notes and comments by 'I.C.P.'
See also H.8.
- E.14 'Delegates Conference, London area, 15.4.45.' 1945
Ms. notes written on postcard for talk by Blackett.

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- E.15 Presidential address to Council, June 1945, 11 pp. ms.draft. 1945
In this speech Blackett made the statement 'We believe that the Association of Scientific Workers can aspire - if it works hard and draws into its ranks the ablest scientists in the country who sympathise with its aims - to acting as a Scientific Advisory Council, to the Trade Union movement'. Later in the year Blackett 'moved a resolution at the Blackpool T.U.C. that a scientific advisory committee to the T.U.C. General Council should be constituted'. Blackett then became a member of this committee when it was constituted (see Lovell, Memoir, p.96).
- E.16 Talk delivered in Oxford, 14 July 1945. 3 pp. ms. notes.
- E.17 Talk delivered in Bristol, September 1945. 1 p. ms. notes.
- E.18 'The A.Sc.W. and the tasks of the next few years'.
Talk in Nottingham, 1 December 1945. 2 pp. ms. notes,
2 pp. notes on the literature.
- E.19 'Atomic Energy and the United Nations Charter', 15 pp.
stencilled typescript of article by Blackett, 30 January
1946, for distribution by A.Sc.W.
Later published as a booklet 'The Atom and the Charter',
the first in a 'Science and Social Affairs' Series of the
Fabian Society and the A.Sc.W., September 1946.
R.S.52.
- E.20 'Science and Human Needs', talk delivered in Glasgow,
7 April 1946. 3 pp. ms. notes.
- E.21 Talk delivered in Sheffield, 16 November 1946. 3 pp.
ms. notes, with 1 additional unnumbered page.
- E.22 Presidential Address to Council, 24 May 1947. 10 pp. 1947
stencilled typescript for distribution to the press.
This was Blackett's last address as President and he took
the opportunity to express his 'personal views on some aspects
of current events', including the Barlow Report on Scientific
Manpower, the fuel crisis in the spring of 1947, the newly-
formed Advisory Council on Scientific Policy, etc.
- E.23 'The Development of Associations of Scientific Workers'. c. 1948
4 pp. typescript of brief history of A.Sc.W. and of its
relationship to the Trades Union Congress.

Section E - Political Activities

E.24-E.34 THE 'GAITSKELL GROUP'

1956-63

This was a group of senior scientists and politicians who met occasionally 'with the aim of evolving a scientific and technological policy for the country'. The meetings were organised and hosted by J.R.M. Brumwell, who also acted as secretary. When the group began meeting in July 1956, H. Gaitskell was the Leader of the Labour Party and attended the meetings. Later he was represented by H. Wilson. Even after Wilson succeeded Gaitskell as Leader, Blackett continued to refer to it as the 'Gaitskell Group', and this description has been used in the entries.

In 1959 a set of 'Cabinet Papers' was prepared for Gaitskell (see E.27 and E.28). Blackett often used or commented on these papers during the next several years - see especially E.39 and E.54. In July 1963 another set of 'Cabinet Papers' was prepared, this time for H. Wilson and R.H.S. Crossman. See E.41, E.44, E.45, and E.50 for copies of, or comments on these papers.

The composition of the group varied over the years but it included on occasion (in addition to H. Gaitskell and H. Wilson) J. Callaghan, A. Robens, R.H.S. Crossman, J.D. Bernal, J. Bronowski, G. Dickson, R.G. Forrester, D. Glass, B. Lockspeiser, P.M. Newitt, C.P. Snow, B.R. Williams, P. Shore and G. Mitchison. Blackett was a senior member of the group from its inception and one of its most senior scientists. The note sent along with the letter to Gaitskell in November 1962 (E.33) provides a useful summary of the group's activities. After Crossman became Shadow Minister for Education, he initiated more official conferences, several of which were held in the Bonnington Hotel, London. (See E.42, E.56, F.33, F.34.)

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E.24-E.34 The 'Gaitskell Group' 1956-63.

11 folders in chronological order.

E.24 1956

Minutes of a meeting at the Reform Club, 17 July 1956:
6 pp. typescript.

Folder also includes 3 pp. typescript titled 'The Labour Party and Science' (notes to begin the discussion on 17 July - presumably written by Brumwell) and 2 pp. typescript appendix on the 'social sciences'.

Note: This 1956 meeting seems to be the first one although Lovell (Memoir, p.76) states that they began in 1950. The note sent to Gaitskell in November 1962 (E.33) states specifically 'We have been meeting as a group since July 1956'.

E.25 1958

Blackett's correspondence with Brumwell, June-December 1958. The letters refer to arrangements for meetings, topics and papers to be discussed, drafts of policy statements and of report 'Science and the Labour Party' (see E.26). The correspondence also includes references to the set of 'Cabinet Papers' produced by the Senior Scientists Group (see E.27 and E.28).

E.26 1958

Minutes of meeting at Brown's Hotel, 27 June 1958, to discuss draft report on 'Science and the Labour Party'. The report of Blackett's contribution to the discussion was amended and annotated by Blackett and a 1 p. 'suggested revision' was prepared.

7 pp. typescript of comments by J.D. Bernal on the draft report, printed and circulated September 1958.

19 pp. typescript of comments by Cecil Gordon on draft report, sent to Blackett September 1958.

This report was prepared by a Working Party. It was eventually printed and circulated through A. Robens to Labour MP's and Trade Union leaders.

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E.27 1958

'Senior Scientists Group'. This subset of the larger group held several meetings in 1958-59 with the aim of preparing a series of 'Cabinet Papers' for Gaitskell. See E.28 for a copy of the report as produced. (Blackett contributed the section on 'Government Machinery'.) Later C.P. Snow prepared a leaflet based on these papers; this was eventually rewritten and issued as a pamphlet by the Labour Party for the October 1959 election.

Minutes of 1st meeting, 26 September 1958.

Minutes of 2nd meeting, 13 October 1958. (Blackett did not attend the first 2 meetings.)

Includes copy of notes by George Dickson on 'Priorities, etc.' which was tabled by him at the meeting.

Minutes of 4th meeting, 8 December 1958.

E.28 1959

'Science and a Labour Government. Some Policy Points'.

The introductory notes state that 'this set of papers was written at Mr. Gaitskell's request, by a group of distinguished scientists, as a series of brief statements to help Labour Ministers to points of decision' on scientific and technical manpower, fundamental science, civil research and development, science and industry, government machinery (see E.27 and E.24), and priorities.

32 pp. typescript dated 31 July 1959, annotated by Blackett.

Included here are the Minutes of a meeting of the full group to discuss the above document, held at Brown's Hotel, 27 August 1958.

Mr. Gaitskell attended the meeting and 'said that the document is precisely what he asked for and that he is prepared to accept it as the basis for his policy on Science if returned to power'.

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- E.29 1959
- Correspondence from Brumwell re the document.
- Copy of letter from B. Lockspeiser re proposals for research contracts as set out in Blackett's paper 'Government participation in industrial research and development'.
(See E.38 and E.53 for copies of this paper.)
- E.30 1960
- Blackett's correspondence with Brumwell, April and July 1960.
- Minutes of meeting held on 27 June 1960. 3 pp. typescript.
- Appended to the minutes is a 1 p. 'Progress Report on "Labour and Science"' summarising results and future programme of the Group.
- E.31 1961
- Correspondence with Brumwell, March-June 1961.
- Copy of 3 pp. typescript note by Brumwell on 'Labour Party and Science'. A shorter version was distributed by Brumwell prior to meeting called for 23 June 1961.
- Minutes of 23 June 1961 meeting, which was held at the suggestion of H. Wilson 'to enable him to consult our senior scientists and tell them what the Party needs'.
- E.32 1962
- Correspondence with Brumwell, March-June 1962, re arrangements and dates for meeting. Includes list of questions suggested by G.R. Mitchison (Shadow Minister for Science) for discussion at 5 June 1962 meeting.
- Minutes of the 5 June meeting, 3 pp. typescript.
- Attached to the minutes is a 1 p. 'Summary of proposals of date for Co-ordination of Scientific Activity' which recommended (1) a Minister for Science with a 'high powered' Secretariat, (2) a Scientific and Technical Planning Board, (3) Inter Departmental Scientific Co-ordinating Committee and (4) Development Contracts Programme .
- 2 pp. typescript memorandum from J. Bronowski to Brumwell, 13 July 1962, beginning 'I was distressed by the meeting between scientists and representatives of the Parliamentary Labour Party on 5th June 1962'. Bronowski then goes on to make suggestions for expanding the office and responsibilities of the Shadow Minister for Science.

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E.33 1962

Correspondence between Brumwell and Blackett re Bronowski's letter, and re draft of letter to be sent to Gaitskell on behalf of the group.

Copy of draft letter to Gaitskell (which was sent in November 1962) with 2 pp. attached note on 'Science and the Labour Party'. This note summarises the activities of the group to date, its reactions to various decisions and implementations by the Labour Party in the science field and its recommendations for the future.

E.34 1963

Minutes of meeting, 24 June 1963, at which it was agreed to prepare various documents for use by the Labour Party in election or in government.

Correspondence between Blackett and Brumwell, February-October 1963.

Note: See introductory note to E.43- E.47 for papers and correspondence resulting from 24 June meeting.

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E.35-E.47 MISCELLANEOUS SOCIALIST AND LABOUR PARTY ACTIVITIES
1956-64

E.35 The Fabian Society Science Group, 1962-63.

Folder of duplicated or typescript papers, prepared by various authors for the Science Group of the Fabian Society, on science and politics with special reference to a Labour Government. The introductory notes, prepared by Stanley Mayne, claim the purpose of the Group 'to be a blue-print for the next Labour Government'.

Includes 1 p. ms. notes on the papers by Blackett, dated 16.2.63.

E.36 Misc. correspondence re the Labour Party and its activities. 1956-62

E.37-E.40 Labour Party Science and Industry Sub-Committee 1960-64

See also E.67, E.68.

The Sub-Committee was reconstituted several times, so that there are sets of minutes for four 'first' meetings. It was chaired by H. Wilson until January 1963 when R.H.S. Crossman took over the duties. The papers begin in December 1960 and continue to mid-1964.

4 folders.

E.37 Blackett's correspondence with P. Shore, J. Millwood and from M. Zvegintzov, January 1961-May 1962. Includes invitation to Blackett to serve on Sub-Committee (16 March 1961).

E.38 Committee papers, 1960-62. Includes draft programmes of work; agenda; minutes; papers on civil space programme, scientific and technical resources; notes on technical assistance, on the Report on Long-Term Demand for Scientific Manpower; paper on training skilled workers for industry. Several of the papers are annotated by Blackett.

Folder also includes a copy of the paper prepared by Blackett in July 1959 on 'Government Participation in Industrial Research and Development' which was discussed at the meeting on 13 April 1961.

See also E.49, E.53, H.123.

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E.39 Committee papers, 1963-64.

Includes: Draft programmes of work; agenda; minutes, papers on industrial training, apprenticeship.

Several papers prepared by and for Redundancy Policy Group whose remit was to 'work out the machinery of Government and social provisions necessary to deal with the whole problem of redundancy and industrial mobility' (minutes of 21 November 1963 meeting).

Notes prepared for various meetings, etc.

Copies of Blackett's 'Note on Paper 1: Scientific and Technical Manpower' (Revised March 1963) and 'Comment on Paper 5 - Government Machinery to Co-ordinate Science' (March 1963). These papers are part of the 'Cabinet Papers' prepared for Gaitskell in 1959.

E.40 Misc. papers collected by Blackett for his work on this committee - press releases, press-clippings, Labour Party background papers, etc.

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E.41 Labour Party Science Group: Scientific Manpower Working Party

Includes:

Minutes of 13 March 1963 meeting of the Science Group at which 3 working parties were established: Scientific Manpower, Government Machinery for Science Policy, and Civil Research and Development. (Blackett served on the Scientific Manpower Working Party.) List of members of the Science Group (which was chaired by R.H.S. Crossman).

1963

Copies of papers by W.F.K. Wynne-Jones: 'Note on Rate of University Development' and 'Memorandum on Development of Higher Education' as considered by the Scientific Manpower Working Party at its meeting on 1 April 1963.

Correspondence with R.H.S. Crossman and T.J. Pitt (Secretary of the Science Group), May-June 1963, re preparation of report for use in science debate at House of Commons at end of July. Debate was to be opened by Crossman and concluded by Wilson.

10 pp. annotated typescript by Blackett of 'Draft Report of Scientific Manpower Panel' (5 June 1963) circulated to other working party members for comment. Replies from Bowden, Annan, Wynne-Jones.

Copy of 'Draft Report of Scientific Manpower Panel' as printed for distribution (June, 1963), annotated by Blackett. 3 pp. typescript list of amendments agreed at meeting. This was later used as Background Paper No.4 of the 'Cabinet Papers' prepared for Wilson and Crossman in July 1963.

E.42

Committee papers and discussion papers circulated by the Science Group or by its working parties. Topics include the expansion of technical colleges, correspondence colleges in UK and abroad, technical education in universities, single subject honours degrees, maths. and science teachers, etc.

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E.43-E.47 'Labour Party Conference 1963'

At the meeting of the 'Gaitskell Group' on 24 June 1963, several points of action were agreed: a Labour Party and Science Conference to be held in London on 20 and 21 July 1963, a set of Cabinet papers to be prepared by mid-July, an 'association of labour scientists' to be formed, and an election manifesto to be written.

Blackett assembled numerous papers which followed from that meeting and kept them in a folder labelled 'Labour Party Conference 20-7-63'. The papers are itemised below and are cross-referenced to other material in the collection where necessary. See especially the folder on the Scientific Manpower Working Party (E.41) which contains Blackett's correspondence with Crossman and T.J. Pitt re the July debate in the House of Commons and the Report on Scientific Manpower which was used as 'Background Paper No.4' of the Cabinet papers.

E.43 'Gaitskell Group 1956-59'.

11 pp. ms. note by Blackett: of timetable for conference (1 p.) followed by 10 pp. of notes of individuals' opinions or preferences on various ideas for scientific research and development and relations with government, etc. The notes were probably made from committee papers and correspondence of the Gaitskell Group (see E.24-E.34).

E.44 'Comments on Background Papers'.

5 pp. typescript (photocopy) of comments by Bernal on 'Cabinet Papers' prepared by scientists for the Labour Party, as agreed at 24 June meeting.

See also E.50, folder of papers used by Blackett in writing a lengthy memo. to Crossman in February 1964.

E.45 Letter from R.G. Forrester (16 July 1963) commenting on Background Paper No.4, the Report on Scientific Manpower (see E.41) and enclosing 5 pp. typescript of paper 'The Machinery of Government' which he had sent to Wilson and Crossman.

Letter of comment on papers, from R.R. Neild, June 1945.

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- E.46 Correspondence with R.H.S. Crossman, July-August 1963 re proposed association of labour scientists and re proposal to hold annual Labour Party and Scientists Conferences on the lines of the July 1963 conference.
- Includes 1 p. typescript memorandum by Crossman. Reference is made to the forthcoming Annual Conference of the Labour Party. This Conference, at which H. Wilson made his famous speech on the 'white heat' of the Labour Party's technological revolution, was held at Scarborough 30 September-4 October 1963.
- E.47 'Miscellaneous problems' on science and education with special reference to Labour Party, prepared for discussion by 'Crossman Group', perhaps by Tam Dalyell (Secretary of Labour Party Standing Committee on the Sciences, 1962-64).
- 22 numbered pp. (+ 1 with note from Dalyell) of typescripts of problems, suggestions, considerations.

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E.48-E.65 MINISTRY OF TECHNOLOGY (MINTECH) 1963-72

The formation of the Ministry of Technology followed the victory of the Labour Party at the General Election of October 1964; the Minister was F. Cousins. Blackett became Deputy Chairman of the Advisory Council on Technology and Scientific Adviser to the Ministry. This gave him at the time 'immense power' (Lovell, Memoir, p.80), but he had also had an important say in the formation of the Ministry, through many writings and discussions and through his close relations with H. Wilson and R.H.S. Crossman. He wrote himself of his paper 'The case for a Ministry of Technology' (E.49): 'I believe that this memorandum had considerable influence in the setting up of the Ministry of Technology soon after the General Election of 1964'.

The folders E.48-E.65 contain various writings, reports and correspondence relating to this period. Reference should also be made to F.26-F.38 (The Trend Committee) since Blackett used much of the material and ideas contributed by scientific colleagues for the Royal Society's submission to the Trend Committee in the formation of his plans for the organisation of science and technology at ministerial level.

Many of the lectures and talks in Section G deal with similar problems of science and government.

- E.48 'Ministry of Industry'. 1963-64,
1967
- Correspondence with officials of N.R.D.C. re science and scientists and relations with government, the Trend Report, research and development, and civilian economy.
- Memorandum on government purchasing, A.E.R. E., transcript of Gallery (Television programme in which H. Wilson answered questions from businessmen, 30 January 1964) - almost all with annotations by Blackett.

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E.49 Papers and correspondence on the new ministry.

4 papers by Blackett:

'Government participation in industrial research and development'. 16 July (revised 20 September) 1959.

(This is the paper submitted to N.R.D.C., Board of Trade, D.S.I.R. and Minister of Science. See Lovell, Memoir, pp.76-77.)

5 pp. typescript. Further copies or versions appear in E.38, E.53, H.123.

'The cost of a new deal for British scientists and technologists'.

2 pp. typescript. April 1963.

'The case for a Ministry of Industry and Technology'.

5 pp. typescript. January 1964.

With a covering 1 p. 'Note on memorandum on Ministry of Industry and Technology (M.O.I.T.)' 8.2.64.

(This was the forerunner of the Ministry of Technology and 'made use of much material prepared by the Crossman Group'.)

'The case for a Ministry of Technology'.

11 pp. typescript. September 1964.

This has a ms. note by Blackett at the foot of the last page 'This report appears to have been incorrect. PMSB 1966'. Another copy appears in H.123.

Copies of Blackett's letters to Crossman (February, November 1963, February 1964). His letter of 24 February 1964 is a 6 pp. heavily corrected typescript beginning: 'In view of the debate tomorrow I send some tentative conclusions about the ministerial set up relative to technology and industry'. There is an earlier ms. draft (first page only) of this letter, which differs significantly from the typescript.

File also includes copies of Blackett's letters to J. Hart, T. Pitt and D. Jay, January-February 1964.

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- E.50 One folder of selected papers of the Labour Party's Science Group, Science and Industry Sub-Committee, and 'Science Meetings' which Blackett 'found very useful' in reaching the conclusions set out in his letter to Crossman (E.49).
- E.51 One folder of papers and correspondence re formation and organisation of the Ministry of Technology after the General Election of October 1964. 1964-65
- Blackett's official role was as Deputy Chairman of the Advisory Council on Technology and Scientific Adviser to the Ministry. The press release of 28 October 1964 states that Blackett 'will be employed substantially full-time on his work for the Ministry of Technology'.
- Folder includes press announcements, correspondence and papers re appointment of John Adams as Controller, memoranda and notes re organisation of Mintech and its Principal Officers, annotated 1 p. typescript of note by Blackett commenting on the Estimates Committee Report (22 July 1965), misc. internal memoranda and correspondence.
- E.52 Letters of congratulation on Blackett's appointment at Mintech. 1964
- E.53-E.60 'L.P. Conference 1964. Ministry of Industry and Technology'.
- One folder of notes and papers assembled by Blackett from various sources. The contents are itemised below and cross-referenced to other items in the collection where necessary.
- E.53 'Government Participation in Industrial Research and Development', paper prepared by Blackett, 16 July 1959, revised 20 September 1959, for Board of the N.R.D.C. See Lovell, Memoir, pp.76-77 for a full description of the proposals and recommendations set out in this paper. See also E.29 for copy of letter from B. Lockspeiser to M. Brumwell commenting on Blackett's proposals, and E.38 for meeting of Labour Party Science and Industry Sub-Committee which discussed the paper in March 1961.
- See also E.38, E.49, H.123 for further copies of versions of this paper.

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- E.54 'Comment on Paper 5. Government Machinery to Co-ordinate Science'.
6 pp. typescript of paper in which Blackett sets out his conclusions as to 'the most practical and useful steps' for reorganising civil science, 26 February 1963. With copy of covering letter to R.H.S. Crossman.
This 'Paper 5' is in the sequence of papers prepared by the Senior Scientists Group for H. Gaitskell (see E.28).
- E.55 Note from M. Zvegintzov, 7 January 1964, re F.B.I. Research Delegation to Russia, enclosing copy of his 4 pp. memorandum on the subject, 10 December 1963.
- E.56 Ms. notes titled 'Bonnington 1-3-64'. 5 pp. ms. Extensive notes of individuals' opinions and preferences as expressed at meeting of the Science Committee to discuss the 'Organisation of Civil Science' (the 'Trend Report').
See also papers re the Trend Committee (F.26-F.38) and a list of references to meetings at the Bonnington Hotel in the introductory note to E.24-E.34, The 'Gaitskell Group'.
- E.57 'Constitution and Function of the Proposed Civil Science Board'.
5 pp. typescript of note which 'is an elaboration of Section 6(a) of the paper "Notes on Ministerial set-up for Science and Technology" by RHSC, 11.3.64.'
Blackett's note is dated 28 March 1964.
Copy of letter from B. Flowers to R.H.S. Crossman commenting on Blackett's note.
- E.58 'Civil R and D'. n.d.
2 pp. ms. notes by Blackett of points on which 'Immediate Decisions' were required.
See E.59 for typescript of this paper.
- E.59 'Organisation of Civil Research and Development'.
3 pp. typescript setting out points for 'immediate decision' as discussed by two Science Group working parties. See E.58 for Blackett's ms. notes for this paper.
- E.60 Misc. ms. notes by Blackett.
Selected Labour Party papers, re N.R.D.C. and various economic statistics.

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E.61-E.63 Industrial Reorganisation Corporation.

3 files relative to the planning and organisation of this government body (which was created in December 1966) to deal with the restructuring of industry.

See Lovell, Memoir, p.83.

E.61 Correspondence, notes and memoranda. Papers include 1965-69
discussion of UK engineering, executive salaries, productivity vs. size of organisation, export sales, and statistical data sent to Blackett for his information.

E.62 Blackett's ms. and typescript notes:

'Paper on Structure for Advisory Council. September 1965'. 3 ms. pp.

'The Structure of Industry'. 3 pp. heavily annotated typescript written after the establishment of the I.R.C. [Industrial Reorganisation Corporation].

'It is the object of this note to argue that more needs to be done'.

Misc. ms. notes and statistics taken by Blackett from official publications.

E.63 Report by Mintech on 'Employment of Persons with Qualifications in Engineering, Technology and Science, 1959 to 1968'. 42 + pp.

'Successful Development', report by Central Advisory Council for Science and Technology.

1970

E.64 Misc. printed papers re organisation of Mintech. Some are 1965-67
annotated by Blackett. Includes copy of speech by C.P. Snow at Caxton Hall, London, 3 December 1965, on 'Technology and the Nation's Needs' in which he made the statement that 'the inception of the Ministry of Technology was Blackett's idea put forward in the 1950s'.

E.65 Correspondence and memoranda re Blackett's resignation 1967-70,
as Deputy Chairman of the Advisory Council on Technology and as Scientific Adviser to the Minister. 1972

Includes letter from Sir Richard Clarke requesting Blackett's views on his (Clarke's) proposed article 'Mintech in Retrospect', 1972.

Section E - Political Activities

E.66-E.74 MISCELLANEOUS LABOUR PARTY AND OFFICIAL COMMITTEES
1954-69

Blackett was often called upon to give evidence to various political committees. Papers relative to these occasions are listed below in date order.

E.66 Labour Party Joint Committee on Civil Defence. 1954-55

Blackett addressed the Committee on the possible effects of an atomic or hydrogen bomb attack. Correspondence re scheduling of Blackett's appearance and re his comments on the Committee's Report.

E.67 Parliamentary Labour Party Science Group. 1960-62

This Group was formed in 1960 under the Chairmanship of A. Robens. Blackett addressed the first meeting of the Group (25 February 1960) and spoke on the 'pre-Election Scientific Report to the Labour Party' (this Report was the set of papers prepared by senior scientist members of the Gaitskell group - see E.28).

Arrangements were made for Blackett to address a later meeting of the Group (8 February 1962) on the 'Long-Term Demand for Scientific Manpower Report' but Blackett had to cancel his appearance at this meeting and it was not rescheduled.

File includes correspondence with the Secretary (F. Barlow) and with F. Peart. List of members.

See also E.37-E.40.

E.68 Labour Party Science and Industry Sub-Committee: Study Group on Further Education. 1962, 1964

Correspondence with P. Shore re invitation to Blackett to attend meeting of the Group, November 1962. (Meeting was postponed.)

Misc. committee papers on adult education, industrial training, technical colleges, etc.

1964

See also E.37-E.40.

Section E - Political Activities

- E.69-E.71 Committee on the Civil Service (the 'Fulton Committee'). 1966-67
- This committee was established in February 1966 'to examine the structure, recruitment and management, including training, of the Home Civil Service'.
- Blackett was called upon to give evidence on the role of the scientist in the Civil Service. This he did on 7 March 1967.
- 3 folders as follows:
- E.69 Correspondence re arrangements for Blackett's meeting with the Committee. Correspondence and papers arising from Blackett's evidence.
- E.70 Ms. notes and draft prepared by Blackett prior to his appearance before the Committee.
- E.71 Copies of evidence presented to the Fulton Committee by the Royal Society, the Council of Engineering Institutions, H.M. Treasury, Labour Party. 1966-67
- Press-cuttings assembled by Blackett.

Section E - Political Activities

E.72-E.74 The Select Committee on Science and Technology. 1967-69

This Select Committee of the House of Commons was appointed in November 1967. Its brief was to enquire into 'the system for the proper and effective use of qualified scientists and engineers and of resources in defence research and development in relation to - (a) defence needs, (b) defence procurement, and (c) the broader needs of the national economy'.

3 folders as follows:

E.72 Correspondence re memorandum submitted by Blackett to the Committee prior to his appearance at the formal hearings of evidence, March 1968. Includes 3 pp. typescript of comments by I. Maddock on Blackett's paper, and correspondence received by Blackett following his presentation of evidence.

E.73 Blackett's memorandum of evidence:

- 9 pp. typescript
- 7 pp. duplicated typescript for distribution to Committee and press
- copy as published in The Science of Science Foundation Newsletter, February 1969
- text as published by The Times Business News, July 1968
- related press-cuttings, September 1968.

R.S.115.

E.74 Background papers used by Blackett in preparing his memorandum. Includes misc. typescript pages taken from other speeches or reports, not dated or identified.

Section E - Political Activities

E.75, E.76 PRINTED MATERIAL

- E.75 Extensive folder of press-cuttings, duplicated reports, news releases, etc., some annotated by Blackett, re science education, industry and technology, with special reference to the Labour Party and its science policies.

Not itemised.

Various dates, 1957-64.

- E.76 Folder of press-cuttings and printed material, press releases, party manifestos, lists of candidates relating to the General Election of October 1964.

Not itemised.

SECTION F SCIENCE-RELATED INTERESTS F.1 - F.85

This Section assembles notes and working papers, lectures, broadcasts and publications, and correspondence on:

- | | | | | |
|------|---|------|-----------------------------------|---------|
| F.1 | - | F.8 | History of Science and Technology | 1936-59 |
| F.9 | - | F.51 | Science, Education and Government | 1944-70 |
| F.52 | - | F.85 | Nuclear Weapons and Disarmament | 1948-64 |

Each sub-section is preceded by an introductory note on the material and its presentation.

Section F - Science-related interests

F.1-F.8 HISTORY OF SCIENCE AND TECHNOLOGY 1936-59

This Section comprises material, chiefly notes and lectures, specifically related to the history of science. It should be noted that many of Blackett's major lectures and addresses on developing countries, overseas aid and allied subjects elsewhere in the collection, also use material on the history of science and technology and in particular on the disparate rates of growth of Eastern and Western science.

All material is autograph manuscript, in pencil or pen.

- F.1 Ms. notes, perhaps for talk, headed 'Highgate February 1936', 1 p.

'Birkbeck Physical Society. Presidential address. May 1937'.
1 p. ms. notes.

'New York'. 8 pp. ms. notes (p.1 missing) for lecture on history of science and social function of science. n.d.
- F.2 3 ms. lectures on History of Science with ms. note 'Faculty of Arts 1938-39?' (probably given at Manchester University).
- F.3 2 ms. drafts, 11 pp. headed 'Draft for article? 1938?', and 16 pp. on 'Science Today', n.d., but probably similar.

Shorter ms. 'History of Science', 5 pp., probably similar date.
- F.4 'Baconian Society St. Albans, January 1941'.
2 pp. ms. notes.

'The study of the history of science'.
11 pp. typescript with ms. corrections. n.d., probably 1943-44.
- F.5 2 lectures given at Manchester University Faculty of Arts 1947 on 'The History of Science from Columbus to Newton', 5 pp. and 7 pp.

'History of Science III E, May 1951. 3 lectures'.
ms. notes.

Section F - Science-related interests

- F.6 'Historic Trends of Technology'.
Lecture given at Calcutta, February 1958. 2 pp. ms. notes.
- 2 lectures at Nottingham under title 'Alteration of order',
3 pp. ms. notes.
- 'Reflexions on History of Technology since 3000 B.C.'
(the Mond Lecture, Manchester 1959).
5 pp. ms. notes.
- F.7 'Aspects of the History of Technology. Three lunch time
lectures at Imperial College, October-November 1959'.
outline, ms. notes for lectures, quotations, etc.
- F.8 'History of Science. Notes and statistics'.
Folder of background material on history of science and
technology;
notes on the literature, graphs, statistics, offprints, press-
cuttings, etc.

Section F - Science-related interests

F.9-F.51 SCIENCE, EDUCATION AND GOVERNMENT 1944-70

The topics covered here include university expansion (especially in science and technology); student intake, intelligence quotient, economic background and achievement; the financing and organisation of science and its relations with government.

Blackett's interest in these topics developed during the war and his service on the Barlow Committee (F.9 - F.14). The items below fall into 2 main periods of activity: at Manchester c.1945-51, and 1962-68 when formulation of ideas was encouraged both by the preparation for the 1964 General Election and by the institution of the Trend Committee. Many lectures and writings here and in Section H and his pressure on Labour Party leaders to devise a policy for government involvement with science and technology (see Section E) testify to Blackett's lifelong commitment to these matters. The training of scientists and engineers (referred to passim in his notes on QSEs), and the organisation of science both nationally and internationally were frequently referred to in his Anniversary Addresses as President of the Royal Society and formed the main theme of the 1969 Address (R.S.119, see F.49 - F.51).

Unfortunately, no manuscripts remain related to Blackett's long service on the National Research and Development Council (N.R.D.C.) (1949-64), but F.23 - F.25 show his concern with the organisation and financing of science as a member of the Council of the Department of Scientific and Industrial Research (D.S.I.R.) from 1955 and Chairman of its Research Grants Committee 1956-60.

Section F - Science-related interests

The material is presented as follows:

F.9	-	F.14	The Barlow Committee	1945-46
F.15	-	F.22	Manchester University	c.1944-53
F.23	-	F.25	Advisory Committees	1954-57, 1963-64, 1967
F.26	-	F.38	The Trend Committee	1962-64
F.39	-	F.48	University expansion	1962-68
F.49	-	F.51	Anniversary Address to the Royal Society	1969-70

Section F - Science-related interests

F.9-F.14 Committee on Future Scientific Policy (the Barlow Committee)

Blackett was one of the six members of this Committee, which produced the report 'Scientific Manpower' in April 1946. The Committee also produced a second report, never published, on proposed 'central government machinery for science'.

See Lovell, Memoir, p.45.

F.9 Agendas and minutes of the Barlow Committee, many annotated by Blackett, covering Meeting 1 (December 1945) - Meeting 24 (October 1946). A copy of the published report is included here.

F.10 Official Committee papers of the Barlow Committee, many annotated by Blackett. There is a partial index to the contents inside the folder and a note on the outside cover of those which are missing. 1945-46.

F.11,F.12 Correspondence with members of the Committee and other interested parties.

Includes drafts of various proposals and statements, with comments, suggestions and annotations.

F.11 August 1945-March 1946

Includes Blackett's letter as President, Association of Scientific Workers, to Herbert Morrison (then Lord President of the Council) urging the setting-up of a Committee on the organisation of science and education, August 1945, committee and discussion papers and misc. papers relating to a Two-Day Conference on Industry and Research, March 1946, organised by the Federation of British Industries.

See E.1-E.23 for other material on Blackett's long connection with the Association of Scientific Workers.

F.12 April-August 1946

Drafts, reports and correspondence, mainly concerned with the organisation of science through various central or advisory bodies, and the unpublished section of the Barlow Committee's work continuing after the publication of the official Report in April 1946.

Section F - Science-related interests

- F.13 Blackett's misc. notes and drafts (one dated November 1944)
 on organisation of science.
- F.14 Misc. typescript and duplicated reports and papers on science
 and government, assembled as background material, some
 annotated by Blackett.

Section F - Science-related interests

- F.15-F.22 Material assembled at Manchester University
- F.15 'Britain's need for higher education'.
3 pp. notes, dated 1946 and 1949.
- Statistics on careers of Honours Physics graduates of Manchester University 1949, with notes and drafts by Blackett for an article or talk, variously paginated.
- F.16 Correspondence 1950 with The Times Educational Supplement, re articles on University Selection and request for a contribution by Blackett.
- F.17 Correspondence and data 1949-52 re possible relation between I.Q. and parental income, especially re statistical survey carried out at Manchester University Department of Mathematics (at Blackett's suggestion).
- The results of the investigation were published as 'A note on the relation between intelligence and parental income' by A.M. Walker (J. Roy. Statistical Soc., 1953), a copy of which is enclosed.
- F.18 Blackett's notes and data on the subject, including 1 p. ms. notes for a talk on 'I.Q. and Universities' at Adelaide, 1953.
- Later correspondence on the subject and re paper, 1955, 1956.
- F.19-F.21 'Training for the professions'.
- The fifth talk in a series of 6, broadcast on BBC Third Programme under the title 'The Idea of a University', March-April 1950.
- F.19 Correspondence with Ronald Lewin (Organiser, Third Programme Talks) re series and Blackett's talk, 1950.
- F.20 Ms. draft of talk, and copy of The Listener, 6 April 1950, in which it was printed.
- Copies of talks by other participants in series, with Blackett's comments and annotations, are included in the folder.
- F.21 Correspondence with members of the public following the broadcast and publication.
- F.22 Misc. reports, articles, press-cuttings, etc. re scientific manpower, university expansion, etc., 1944-49.

Section F - Science-related interests

F.23-F.25 Advisory Committees

F.23, F.24 Department of Scientific and Industrial Research (D.S.I.R.)

F.23 Blackett's folder inscribed 'Pure Science and the R.S.',
October 1954-October 1955.

Correspondence with officials and colleagues re grants for scientific research as distributed by the D.S.I.R. and the Royal Society, especially re D.S.I.R. grants for Special Researches (Blackett was appointed to the D.S.I.R. Advisory Council in October 1955). 1954-55

The correspondence mainly reflects Blackett's concern at the dwindling proportion of scientific research funds distributed by the Royal Society, and his wish to increase the total amount of government money available for scientific research. Some refer also to his own research plans at Imperial College.

Also includes: 2 copies of article by Sir Francis Simon in The Sunday Times, 7 August 1955, titled 'A Ministry of Science?'. 1955

Blackett's ms. notes on D.S.I.R. expenditure. 1954-55

Copy of letter from D.S.I.R. to Royal Society, 3 February 1948, sent as background information.

F.24 'DSIR 5 year Plan'.

Papers relating to Research Grants Committee's estimates and expenditure for period 1959-64; includes committee papers and estimates 1957-58 (some annotated by Blackett), memorandum on quinquennial financing scheme, and Blackett's 4-page ms. note on 'Grants for Special Researches', n.d. c.1957.

F.25 Department of Education and Science

1963-64

Advisory Council on Scientific Policy

Deliberations re future policy on High Energy Physics in Europe.

Includes: invitation to Blackett to attend meeting of the group; set of committee papers sent to him for information (with comments by C.C. Butler, prepared at Blackett's request).

Blackett did not attend a formal meeting of the Council but met informally with the Chairman, Lord Todd.

Folder also includes invitation to Blackett to serve on Council for Scientific Policy for further three years, 1967.

Section F - Science-related interests

F.26-F.38 Committee of Enquiry into the Organisation of Civil Science
(the Trend Committee)

Blackett assisted C.F. Powell (Chairman, Sub-Committee on Physics) in assembling evidence submitted by the Royal Society to the Committee, and attended various meetings, interviews, etc. both before and after the drawing-up of the Society's report on its evidence. He continued to compile material and draft discussion papers for wider use, including meetings with the Labour Party under the Shadow Minister for Education, R.H.S. Crossman. Several of the papers in F.31-F.34 are headed 'Bonnington Hotel' where one-day conferences were held (see Lovell, Memoir, p.76).

See also E.48, E.56.

F.26 Correspondence and papers on the Trend Committee, August-December 1962.

Includes: copy of official request to Royal Society to submit evidence, invitation to Blackett to serve on Physics Sub-Committee, annotated minutes, Blackett's notes of meetings, his draft report of evidence (12 November, 4 copies), a second version after discussion with Lord Bridges, and final agreed version drafted by F.C. Williams.

F.27 Folder inscribed 'Royal Society Evidence to Trend Committee'.

Duplicated copies of views on organisation of civil science, sought from Fellows of the Royal Society and submitted to C.F. Powell as Chairman of Physics Sub-Committee. The documents were sent to Blackett with a covering letter, 9 October 1962.

From: L.F. Bates, J.D. Bernal, W.L. Bragg, W.E. Burcham, J.M. Cassels, J.D. Cockcroft, C.A. Coulson, B.H. Flowers, N. Kurti, K. Lonsdale, A.B. Pippard, O.G. Sutton.

Many are annotated by Blackett.

F.28 Misc. Royal Society duplicated reports, memos., etc. on Trend Committee and organisation of science, and matters arising.

Section F - Science-related interests

F.29 Copy of published Report, with many annotations and comments by Blackett, and 3 pp. typescript 'Comments' dated 29 November 1963.

F.30-F.38 Blackett's notes, reports, writings and discussion papers on the organisation and finance of scientific research, 1961-64.

Some of these antedate the Trend Committee, and some represent the continuing evolution of Blackett's ideas. Many were prepared for Labour Party meetings at the Bonnington Hotel and elsewhere.

See also Section E.

F.30 Writings and speeches by Blackett, 1961-62.

'Finance of University Research', letter in Manchester Guardian (press-cutting), 10.7.61.

'Science and Government'.

3 pp. ms. notes, perhaps for speech for Labour Party, 21.7.61.

Report of speech at Newcastle (press-cutting), 17.3.62.

F.31 'Policy for University Expansion', April 1963.

Part I University Expansion 1945-1962

Part II Planning for the Future.

Heavily-corrected ms. draft, 2 copies of typescript version with ms. corrections.

This paper, probably prepared for the Labour Party, is concerned primarily with organisation and finance of university expansion. See F.39-F.48 below for correspondence and material on academic aspects of the question.

F.32 'The cost of a new deal for British scientists and technologists', April 1963.

2 pp. typescript and ms., perhaps prepared for same occasion as above. Another copy is in E.49.

Section F - Science-related interests

- F.33 Shorter drafts and writings, mostly for Labour Party discussion group:
- 'Additional finance of Scientific Research 1964-67ⁱ', May 1963.
 - 'The Cost of a New Deal for British Scientists and Technologists', June 1963
(3 pp. ms., different from F.32 above).
 - 'The Recurrent Grant to the Universities, June 1963.
 - 'University Finance. Bonnington Hotel', July 1963.
 - 'Grants for University Building', n.d., but probably for the same occasion.
- F.34 Shorter drafts and writings:
- 'Organisation of Science in U.K.', ms. notes for a talk in Zagreb, September 1963.
 - 'The finance of Robbins's short-term emergency', February 1964.
 - 'The Research Councils. Function of the Lord President's Office', prepared February 1964 for meeting at Bonnington Hotel, held in March 1964.
 - Another ms. with same title, for Bonnington Hotel, March 1964.
 - 'Public Schools', 4 pp. ms. draft, n.d. probably later.
- F.35 Correspondence and papers re organisation and proposed re-constitution of University Grants Committee, mainly re paper on the subject prepared by R.H.S. Crossman, March-July 1964.
- F.36 Correspondence and papers on science organisation, mainly re contribution by Royal Society.
- F.37 Blackett's research material, with dated notes of meetings and discussions, various dates, 1964.
- Official statements on Trend Committee Report and consequences, annotated by Blackett.
- F.38 Misc. research material.

Section F - Science-related interests

- F.39-F.48 Work on University expansion
Working papers and correspondence, mainly related to I.Q.
and the academic aspects of the problem.
- F.39 General correspondence on university expansion, I.Q., parental
income, etc. In chronological order.
- | | | |
|--|-------------------------------|------|
| | R.V. Jones | 1962 |
| | W.D. Wright | 1962 |
| | Socialist Medical Association | 1963 |
| | D.V. Glass | 1963 |
| | R.W.B. Stephens | 1963 |
- F.40 B.H. Flowers 1963
University Grants Committee 1963
M.J. Davies 1963
N.F. Mott 1963
D.V. Glass 1963
- F.41 A.R.D. Wright 1968
D.V. Glass 1968
- F.42 W.L. Bragg 1968
- F.43 Misc. ms. graphs and charts on university numbers, I.Q.,
parental income, etc.
- F.44 Ms. notes, statistics and drafts on various aspects of university
expansion, some dated 1963, probably prepared for Labour
Party discussion papers.
- F.45 Ms. notes on the literature, from reports, data, etc. supplied
by University Grants Committee and on work by E. Ashby,
Boyd Carpenter, C. Burt, W.D. Furneaux, D. Glass, F. Newsom,
etc., 1963-68.
- F.46 Ring-backed notebook of notes on universities and research
in S. America, mainly Brazil, probably taken on Royal Society
Delegation visit, 1968.

Section F - Science-related interests

- F.47 Folder of press-cuttings on university expansion.
- F.48 Typescripts and duplicated reports collected by Blackett for his university expansion investigation.

Includes work by G. Leybourne-White, B.V. Bowden, E. Ashby, W.D. Furneaux, C.C. Butler, R.P. Linstead. Various dates, 1946-63.

Section F - Science-related interests

F.49-F.51 'Thoughts on the Ph.D. degree'

Presidential Address to the Royal Society, Anniversary Day 1969.

R.S.119.

F.49 Blackett's ms. notes.

Press-cutting, timetable of meeting, copy of published version, and a corrected copy.

F.50 Misc. reports, articles, statistics on post-graduate education, science and industry, etc., assembled by Blackett for his lecture and many annotated by him.

F.51 Correspondence arising from lecture, 1969-70.

Section F - Science-related interests

F.52-F.85 NUCLEAR WEAPONS AND DISARMAMENT 1948-64

Blackett's earlier involvement with the problems of atomic weapons began in 1945 (see especially D.148 - D.218).

It will be seen from the items below that he continued to voice his concern on the subject almost continuously until 1964 (cf. Lovell, Memoir, p.75). It is also clear how widely he lectured on this topic, to political, military, religious and academic audiences of varying composition and influence.

Several items in the list below represent published talks and lectures omitted from the Bibliography in the R.S. Memoir, and many more are unpublished.

The material is presented as follows:

F.52	-	F.79	Lectures, broadcasts, talks	1948-64
F.80	-	F.82	Correspondence	1958-64
F.83	-	F.85	Research notes and background material	

Additional material on these topics appears widely in the collection, and especially in Sections D, G and H.

Section F - Science-related interests

- F.52-F.79 Lectures, broadcasts, talks, 1948-64
- F.52 'The Use and Limitations of Weapons of Mass Destruction'.
Talk at Imperial Defence College, February 1948.
4 pp. ms. notes.
- F.53 'Military consequences of atomic energy'.
The Sir Halley Stewart Lecture 1948, published as Chap. II
of The Atomic Age, London 1949, reprinted in Studies of War,
Edinburgh 1962.
Heavily-corrected typescript pages numbered 1-20, and
renumbered for later publication 37-57.
R.S.94.
- F.54 Blackett's reply to article by Sir John Anderson in Evening
Standard, 19 June 1950, criticising Blackett's remarks in his
introduction to Association of Scientific Workers pamphlet
'Atomic Attack'.
7 pp. typescript, no title or indication of place of publication.

Also included here is a letter from Sunday Pictorial, 21 June
1950, re possible contributions by Blackett.
- F.55 'The peaceful uses of atomic energy'.
Summary of a discussion meeting at Royal Institute of
International Affairs (Chatham House), 29 June 1954.
6 pp. typescript.

'R.U.S.I.' (Royal United Services Institution).
4 pp. ms. notes for talk, 21 October 1954.
- F.56 'Scientific method and the conduct of war'.
Talk at King's College, London, March 1955, and at
Londonderry, February 1956.
3 pp. ms. notes + 8 pp. ms. draft.
- F.57 'The Role of Atomic Weapons in Western Defence'.
Imperial Defence College, 4 November 1957.
6 pp. + notes on the literature.

'Implications of the Atomic Age'.
Ruskin College, 5 March 1958.
4 pp. + notes.

Section F - Science-related interests

- F.58 Copy of New Statesman, 17 May 1958, with article by Blackett, 'Limited nuclear war', pp.625-6.

'Tactical Atomic Weapons'.
Talk for Labour Party Disarmament Group, 15 July 1958.
2 pp. ms. notes (uses similar material to above).
- F.59 'Why the Tests'.
Discussion between Blackett and R. Goold-Adams, broadcast on BBC Home Service, 22 August 1958.
2 sets of ms. notes, transcription of broadcast.
- F.60 'Atomic Heretic'.
Talk given on BBC Home Service, September 1958.
7 pp. heavily-corrected typescript (corrections not in Blackett's hand), press-cutting of version published in The Listener, correspondence from members of general public (mainly hostile).

R.S.75.
- F.61 'The Nuclear Controversy'.
Talk at Imperial Defence College, 3 November 1958.
5 pp. + notes.

'Strategy in the Nuclear Age'.
Talk at NATO Defence College, 8 January 1959.
3 pp. and 4 pp. ms. notes (2 drafts).
- F.62 'Essential Facts of Situation'.
Talk delivered to 'Canon Bentley's Group' (25 May 1959), 'The Religious Bodies' Consultative Group' (25 May 1959), and 'Lambeth Meeting' (28, 29 May 1959).
1 p. ms. notes.

'Conversation on Nuclear Warfare and the Strategy of Defence'.
Lambeth Palace, May 1959.
6 pp. ms. (including notes on discussion).
See also item above.
- F.63 'The Nuclear Controversy'.
Talk at Imperial Defence College, October 1959.
3 pp. ms. notes.

'Thoughts on British defence policy'.
Reprinted from New Statesman, December 1959.

Section F - Science-related interests

- F.64 'Cambridge. Scientists Lunch Club', 20 January 1960.
2 pp. ms. and notes.
- 'Manchester Left Club', 11 March 1960.
2 pp. ms.
- 'L.P. [Labour Party] Chelsea, 27 January 1961, Peaceful Uses of Atomic Energy'.
1 p. ms. notes.
- 'Bow Group', House of Commons, 28 June 1961.
1 p. ms. notes.
- F.65 'Some Notes for Consideration by the British Team'.
Draft with sub-title: 'On Maintaining the Balance during the First Stages of Disarmament'.
Typescript and duplicated drafts, both with ms. annotations, June 1961.
- F.66 'Report to the Plenary Session of Meeting of Group 3' (at Pugwash Conference on Science and World Affairs, Stowe, Vermont).
3 pp. ms. notes on own views and those of other participants. September 1961.
- 'The Relationship between East and West Military Policies and Disarmament Plans'.
Talk at Imperial Defence College (11 October 1961) and Birmingham (21 November 1961).
6 pp. ms.
- F.67 'Prelude to Disarmament'.
14 pp. typescript. December 1961.
- F.68, F.69 'The Real Road to Disarmament. The military background to the Geneva talks'.
New Statesman, 2 March 1962 and
'Steps toward Disarmament', a shorter version published in Scientific American, April 1962.
- R.S.98.
- F.68 Copies of both articles, with Blackett's circulation list for each, and typescript copy of Foreword to translation of Blackett's New Statesman article which appeared in International Affairs, 1962.

Section F - Science-related interests

- F.69 Correspondence arising from the articles, 1962:
C. Bay
Blätter für deutsche ... Politik
E. Diamond (Newsweek)
A. Etzioni
J. Freeman
A.T. Hart
G. Holton
T.H. Hunter
L. Marsh
J.A. Miles

Requests for reprints (not itemised or indexed).

See also J.63.
- F.70 'Science and Disarmament', Vienna, September 1962.
1 p. ms.

Talk to the Imperial Defence College, October 1962.
3 pp. ms.

'The Relationship between Eastern and Western Military
Policies and Disarmament Plans'.
Institute for Strategic Studies, 12 December 1962.
2 sets of draft notes.
- F.71 'Brussels and Cuba'.
14 pp. ms. heavily corrected. n.d. but probably 1962.

'What are the H-Bomb Tests for?'
4 pp. ms. heavily corrected. n.d. but probably related
to above.

Section F - Science-related interests

- F.72-F.74 'The first real chance for disarmament', Harper's Magazine, January 1963.

This was an expanded and revised version of Blackett's address 'The way ahead' given to the Ninth Pugwash Conference on Science and World Affairs at Cambridge, September 1962.

- F.72 Correspondence with Harper's Magazine and other publishers re publication of article, revisions, royalties on sale of reprints, foreign rights and later reprints, etc., 1962-64, 1966.

- F.73 Misc. texts of the lecture and article as follows:

Address as given to Pugwash, September 1962
19 pp. heavily-corrected typescript;

Copy of above, with extensive alterations suggested by editor for American publication;

2 duplicated copies of 'revised and shortened' version of speech, 10 pp. each with different ms. corrections;

Reprint of article as published in Harper's Magazine.

- F.74 Correspondence arising from article and editorial comment in Harper's Magazine, 1963:

C. Bay	E.A. Pesonen
G. Dessart	G.R. Swafford
H.D.W. Lamoureux	W.A. Turner
W. Massie	

- F.75 'The Nuclear Balance - Cuba and After'.
London School of Economics, 3 May 1963, 3 pp. notes
(includes notes for talk to 'P.S.' on 10 May in Cambridge).

'Disarmament Prospects'.
Talk at 11th Pugwash Conference, Dubrovnik, September 1963.

'M.L.F.'
Talk at Anglo-American Conference at Ditchley Park,
29 September 1963.
4 pp. (includes copy of address given by A. Yarmolinsky).

Section F - Science-related interests

- F.76 'The Western Defence Posture'.
Imperial Defence College, Wilton Park, 15 October 1963.
4 pp. + notes.
- 'Disarmament Prospects and Western Defence Posture'.
Imperial Defence College, 28 October 1963.
ms. and typescript notes.
- F.77 'What are the prospects of disarmament?'.
The Cyril Foster Lecture given at Oxford, 26 November
1963.
34 pp. typescript with ms. note by Blackett on p. 1
'corrected'.
- F.78 'Memorandum on possible British initiatives at the Geneva
Disarmament Conference'.
22 pp. typescript with Appendices A, B and C, and a
second annotated copy of the appendices. December 1963.
- F.79 Folder inscribed 'L.P. Disarmament Committee'.
Minutes of Labour Party Joint Committee on Disarmament,
25 February 1964. (This was Blackett's first attendance
at a meeting of the Committee.)
- Includes report 'Low Gear at Geneva', on Disarmament
Conference, March 1964.
- 'Deadlock or progress at Geneva?', March 1964.
29 pp. typescript with ms. note by Blackett 'Rome, April
1964.'

Section F - Science-related interests

F.80-F.82 Correspondence on Blackett's writings and other matters connected with disarmament, 1958-64.

F.80	Sir Hugh Constantine	1964
	K. Hahn	1959
	H.A. Kissinger	1959
F.81	Mountbatten of Burma	1958 (comments on a lecture by Blackett)
	R.R. Nield	1961 (Blackett's carbon only), 1963
	Bertrand Russell	1963 (on nuclear arms race in Middle East)
F.82	T.C. Schelling	1961 (copy of letter to Editor of <u>Encounter</u> re article by Blackett)
	E. Simon	1959
	H.K. Smith	1958, 1959

F.83-F.85 Research notes and background material

- F.83 Misc. ms. notes by Blackett on defence, atomic power, etc.
- F.84 Folder of notes and graphs inscribed 'USSR-USA Total Man Power', c.1961.
Includes letter from J.P. Wright, n.d.
- F.85 Misc. notes on the literature, and of discussions re defence, atomic weapons, etc., mainly 1962-63.

SECTION G OVERSEAS ACTIVITIES G.1 - G.126

This Section comprises material relating specifically to India (G.1 - G.55), and that concerned with matters more generally affecting developing countries (G.56 - G.126). The items under 'Visits and Conferences' include some wholly scientific meetings, but mainly refer to conferences on international co-operation, overseas aid, etc.

Blackett's involvement in India, from which sprang his general concern with the problems of developing countries, had a double origin. Through his researches on cosmic rays, he had become acquainted with Homi Bhabha, whose research establishments, and those of other scientific colleagues, he visited for lectures, conferences and discussions and whose plans - especially for atomic energy research in India - he encouraged (see his correspondence with Bhabha in G.33). Secondly, his visit to India for the Indian Science Congress Association in 1947, and his consequent meeting with Nehru, led to his reports and advice to the Government of India on military and defence matters, using the technique of Operational Research developed in wartime (see D.83 - D.125). See especially G.1 - G.6, G.23, G.29 for material on this period, and for recollections of Nehru.

These two interests, fostered by frequent visits to India, encouraged a broadening of Blackett's concern to include problems of economic growth, distribution of wealth, overseas aid, population control and the like. In this later work, India remained the principal, though not the exclusive, example of the disparity between developed and undeveloped countries in Blackett's thinking.

Blackett's lasting sense of personal commitment to India can be seen from G.23 - G.31, a folder probably made up in 1972, containing a list of his visits to India and his own collection of his earlier writings, together with some new linking material, intended as part of a book or section of collected writings devoted to the problems of India.

It will be seen that relatively little material survives for the period c.1955-70, but reference to India is frequently made in lectures and writings in other sections of the collection, some of which were indeed given there. Repeated invitations in the correspondence for Blackett to visit, lecture or tour in India show how greatly his presence and advice were valued.

Section G - Overseas activities

The material is presented as follows:

G.1-G.55 INDIA 1947-73

- G.1 - G.31 Reports, lectures, papers, 1947-72
- G.32 - G.43 Correspondence, mainly on science and defence, 1949-73
- G.44 Miscellaneous correspondence, 1963, 1966
- G.45 - G.51 Correspondence, mainly on development, 1970-73
- G.52 - G.55 Visits

G.56-G.126 DEVELOPING COUNTRIES, VISITS AND CONFERENCES 1944-73

- G.56 - G.76 Lectures and addresses, 1953-70
- G.77 - G.81 Organisations and Committees, 1959-73
- G.82 - G.84 Correspondence, 1951, 1964-71
- G.85 - G.126 Visits and Conferences, 1944-71
With an introductory note.

Section G - Overseas activities

G.1-G.55 INDIA

G.1-G.31 REPORTS, LECTURES, PAPERS AND RELATED CORRESPONDENCE
1947-72

G.1 Speech at Delhi, January 1947.

3 pp. ms. notes, headed 'Indian Association of Scientific Workers', for a speech delivered at Indian Science Congress Association. It was at a lunch at this meeting that Blackett met Nehru and was consequently asked to advise on the development of Indian defence forces.

See G.2-G.6 below, and Lovell, Memoir, pp.96-97.

See also G.23.

G.2-G.5 Blackett's Report to the Defence Minister of India.

G.2 Carbon of original typescript report and covering letter dated 10 September 1948. 29 pp.

G.3 Duplicated version, 37 pp., with ms. annotations perhaps of a later date.

G.4 Printed version of Report dated 23 November 1948, under title 'Scientific problem of defence in relation to the needs of the Indian armed forces'.

G.5 Correspondence with Jawaharlal Nehru:

Letter from Nehru on Blackett's report, 1948.

Letter from Blackett on atomic warfare, 1951.

These are photocopies of originals in the possession of Lady Blackett.

G.6-G.8 Correspondence and papers re report, its implementation and Indian defence matters, 1948-52.

G.6	W.E. Parry	1948
	H.M. Patel	1949 (announcing 'I am glad to be able to inform you that the Government have accepted your Report practically in its entirety')
	E.C. Williams	1950
	B.P. Pal	1950
	S.S. Bhatnagar	1950

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- G.7 H.A. Sargeaunt 1951 (on weapons for Indian army)
 H.H. Williams 1951
- G.8 Blackett's folder of notes and discussions, mainly on tanks
 for India.
- Includes his 2 pp. ms. 'Some Notes on Supply of Tanks',
 December 1952 and some background material.
- N.B. Some lectures, reports, etc. for 1955-62 were kept by
 Blackett in a separate folder, see G.24-G.26.
- G.9 Notes for talks and lectures given in India.
- 'Operational Research. Kanpur. December 1950'.
 1 p. ms. notes only.
- 'Atomic Weapons and Military Planning. New Delhi. January
 1955. War Room'.
 2 pp. ms. notes.
- 'War Room. Delhi, 28 January 1958'.
 2 pp. ms. notes.
- G.10 'Military Policy and Disarmament'.
 2 lectures, 3, 5 January 1962 to Defence College, New
 Delhi. 8 pp. + notes.
- G.11 Report on National Physical Laboratory, New Delhi, 1963.
- Copy of report of meeting of N.P.L. Council to discuss
 Blackett's recommendations. 13 pp. heavily annotated by
 Blackett.
- Letters from Director-General, Council of Scientific and
 Industrial Research, accepting 'the basic recommendations'.

Section G - Overseas activities

- G.12-G.16 First Jawaharlal Nehru Memorial Lecture, New Delhi, 1967. 'Science and Technology in an unequal world'.

R.S.114.

No manuscript survives of this lecture (though see G.14 below) but while Blackett was in Delhi he recorded an interview with B.R. Nanda for the Oral History Project of the Nehru Memorial Museum and Library, with reminiscences of Nehru, Indian scientists, etc.

- G.12 Correspondence with B.R. Nanda, 1971-72, when Blackett was preparing his 4th Nehru lecture given in December 1971 (see G.17-G.22 below) and wished to refresh his memory. He intended to revise the transcript of the 1967 interview but found the required emendations to be so extensive that he preferred to leave the text as a classified document in the Museum.

A photocopy of the transcript, 24 pp., heavily annotated and revised, is included in the folder.

- G.13 Correspondence and press-cuttings re lecture, arrangements for publication of shortened versions in various journals, letters of thanks, etc.

Includes copies of various versions as published.

1967-70

- G.14 Blackett's ms. notes and plans for the lecture, 7 pp., some dated August, September 1967.

Includes a letter of comment on the draft speech from W.D. Clark in which he says 'I do wonder whether in delivering it you should not explain some of the initials (R & D, QSE, etc.) more than once. Otherwise I fear the Indians may get lost'.

- G.15 Press-cuttings, quotations, background material re Nehru, and re Blackett's lecture,

1967

- G.16 Brief correspondence, 1973, re publication of 1967 lecture.

1973

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- G.17-G.22 'Aspects of India's Development'.
The Fourth Jawaharlal Nehru Memorial Lecture, given in London, December 1971.
R.S.130.
- G.17 Correspondence with Earl Mountbatten of Burma (Chairman, Jawaharlal Nehru Memorial Trust) re invitation to lecture, arrangements, and comments on text. 1970-71
- G.18 3 copies of draft text, all with ms. revisions.
- G.19 Copy of 'Text for publication', typescript with ms. revisions.
- G.20 'Science and Wealth in developing Countries', with heading 'Royal Scottish Museum' (deleted), 17 February 1972.

This is an adapted version of the above, typescript, with ms. revisions and new pagination (lacks p.1).
- G.21 Correspondence with Secretary, Nehru Memorial Trust, re delivery and publication of lecture. 1971-72
- G.22 Misc. correspondence re lecture. 1971
- D.V. Glass (Blackett's carbons only)
J. Hart
L. Meitner-Graf
A.B. Pant

Section G - Overseas activities

- G.23-G.31 Blackett's folder of material on India, assembled probably in 1972 for a collection of his writings on the subject, or for an autobiography.
- The material has been split into separate folders for ease of handling, but remains in Blackett's order.
- G.23 This is Blackett's original folder, inscribed 'Defence. India Book', and, affixed to cover, his list of visits to India 1947-71.
- Includes: 1 p. ms. plan for contents of book.
- Offprint of proceedings of 34th Indian Science Congress, January 1947.
- Blackett's Address at Inaugural Meeting of above, 4 pp.
- Blackett's ms. report on the British Delegation's visit to above. 1 p. only.
- G.24 Report on Blackett's visit, December 1954-January 1955, prepared by Scientific Adviser, with ms. annotations by Blackett (on Indian Air Force).
- G.25 'Military policy and disarmament', 3 January 1962. Lecture at India International Centre, New Delhi.
- Typed transcript with extensive ms. corrections.
- G.26 Another (untitled) lecture on same subject, 4 January 1962.
- Typed transcript.
- G.27 1 p. ms. notes for speech at 'C.R. [Cosmic Rays] Conference, December 1963.
- 'Britain and India's development plans', 16 November 1964. (The Rickman Godlee Lecture).
Typescript with extensive ms. corrections, 24 pp. + 2 pp. additions on China, and his visit there.
- G.28 Speech at Tata Institute, to introduce First Homi Bhabha Memorial Lecture (given by C.F. Powell), November 1948. 3 pp. ms.
- 'Science and Technology in an unequal world'. (First Jawaharlal Nehru Memorial Lecture).
Version published in Science Reporter, 1968.

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G.29 'India and Defence'.

Draft of recollections of first meeting with Nehru and work on Indian defence, adapted from 1967 lecture and 1969 Rede Lecture (see G.72), 12 pp.

G.30 3 pp. document headed 'Personal. Atma Ram' (not by Blackett).

G.31 Drafts on population problem and contraception (adapted from 1971 Nehru lecture).

Another draft on population problem.

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G.32-G.43 CORRESPONDENCE, MAINLY ON SCIENCE AND DEFENCE
1949-73

The correspondence is presented alphabetically, dated and with a brief indication of any material of particular personal or scientific interest.

Extensive correspondence with an individual is allotted a separate folder or folders; shorter exchanges are grouped together.

All correspondents are listed in the general index.

- G.32 Godfrey Armitage 1951 (Blackett's carbons only)
- G.33 Correspondence with Homi Bhabha [1941], 1951-55, 1963
Note: The letter of 1941 (on mesons) is p.2 only and dated only from internal evidence.
General correspondence on scientific research, Conference on Elementary Particles and publication, atomic warfare, etc.
- G.34 Correspondence with family and colleagues following Bhabha's death, 1966.
Includes printed material, tributes, etc. and letter from Indira Gandhi.
- G.35 S.S. Bhatnagar 1951
J.D. Cockcroft and 1951
- Bergeron (on solar energy)
- G.36 D.S. Kothari 1950-53, 1960, 1966, 1972-73
(Scientific Adviser, Ministry of Defence, New Delhi).
The early correspondence, which constitutes the bulk of the folder, relates to aspects of Indian military research, and Blackett's advice and visits.
- G.37 S. Krishna 1951
K. Krishnan 1951 (Blackett's carbons only, on solar energy)
- G.38 C.H. Madge 1951 (on family planning in India)

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- G.39 P.C. Mahalanobis 1950-53, 1971-73 (on village economy in India)
The later correspondence contains a letter of reminiscence dictated by Mahalanobis while awaiting a rectal operation. 1972
- G.40 A.W. Mailvaganam 1950-51 (on cosmic ray lectures in Colombo)
- G.41 R.G.W. Norrish 1951
H.M. Patel 1949
L. Pearson 1951
F. Richter 1951 (Blackett's carbon only)
M.N. Saha 1953
- G.42 N. Srinivasan 1951
R.S. Thakur 1952
M. Tyagi 1953
M. Young 1951-52 (on a Labour Party pamphlet on India)
- G.43 Shorter personal and social correspondence, 1951-52 (not indexed).
- G.44 MISCELLANEOUS CORRESPONDENCE
- J.B.S. Haldane 1963
C.G. Wynne 1966 (report on Wynne's visit to India, and problems of aid).

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G.45-G.51 CORRESPONDENCE, MAINLY ON DEVELOPMENT 1970-73

- G.45 Correspondence with Atma Ram, 1971-72
(Director-General, Council of Scientific and Industrial Research, New Delhi).

Includes lectures by Atma Ram, reminiscences of P.C. Mahalanobis, award of Man of the Year Award to Atam Ram in 1972, etc.
- G.46 B. Behari 1972-73
S.N. Bose 1971
M.L. Dhar 1971 (includes paper by Dhar on development of Indian economy and comments on book by Graham Jones. See also G.80, G.81)
- G.47 V. Kalidas 1972 (re book on Indira Gandhi)
G.L. Kapoor 1973 (re Man of the Year Award to M.S. Swaminathan)
W. Marshall 1971
B.N. Mukerjee 1970-71
- G.48 K.S.R. Murthy 1971
Y. Nayudamma 1971
A.B. Pant 1971
P. Pant 1971 (includes letter from Pamela Robinson with news of Pant's death, 1973)
- G.49 P.C. Randeria 1971
C.R. Rao 1972 (re population growth in India)
R.G. Rastogi 1972 (re Festschrift for K.R. Ramanathan)
B.R. Seshachar 1972 (re Award of Meghnad Saha Medal)
- G.50 K. Singh Narang 1971 (re Symposium on Nehru)
M. Srinivasan 1971-72
S.R. Valluri 1971
- G.51 Misc. shorter correspondence: requests for lectures or publications, thanks for visits, social and personal exchanges (not indexed). 1971-73

Section G - Overseas activities

G.52-G.55 VISITS TO INDIA

See G.23 for Blackett's complete list of his visits to India.

G.52 Schedule of visit, December 1965-January 1966.

G.53-G.55 Visit as Royal Society Leverhulme Visiting Professor,
March-May 1971.

Much of the correspondence in G.45-G.51 above refers to this
visit and matters arising.

G.53 Itineraries and schedules for the visit.

G.54 Misc. reports on visit and on conferences and meetings,
by Blackett and by Royal Society Delegation.

Includes Summary of Blackett's contribution to Appropriate
Technology Symposium, New Delhi.

G.55 Misc. ms. notes for talks and speeches at various centres
during visit to India, 1970 and 1971.

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G.56-G.126 DEVELOPING COUNTRIES, VISITS AND CONFERENCES

G.56-G.76 LECTURES AND ADDRESSES 1953-70

The lectures and writings deal with such topics as economic aid, world poverty, population growth, and the disparity between 'rich' and 'poor' countries. Blackett described the latter as the 'Gap', a term which he used and adapted in various ways as the title of several of his published works on the subject. See G.60, G.72, G.120, and also H.57-H.73, H.146-H.153.

The material is presented chronologically.

- G.56 Speech (untitled, on the 'gap') at Canberra, 31 March 1953.
Heavily-corrected typescript. 6 pp.
- G.57 Speech at R.P.A., 11 June 1953.
2 pp. ms. notes.
- G.58 'Science and the Future'.
Speech at UNESCO, Paris, November 1955, heavily-corrected
ms. 3 pp. and similar 3 pp. ms. material headed 'T.V.', probably
for broadcast on same occasion.
- G.59 'Science and World Poverty', December 1955.
With ms. note 'Japanese Paper'.
9 pp. heavily-corrected typescript draft, probably for
newspaper article.
- G.60 'The Widening Gap', November 195 ?8.
5 pp. heavily-corrected ms. notes.
Accompanying correspondence, and Blackett's own notes on
p.1, show that this was the title and substance of material for
the David Davies Memorial Lecture given in December 1959
under the title 'The Problem of the underdeveloped countries'.
R.S.78.

The notes indicate that Blackett gave the lecture both before and after the occasion of the David Davies Lecture, the earliest date being 1955, and the latest Cornell, 1960.

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- G.61 'Technology and World Advancement'.
Lecture to the Bow Group, March 1960, and elsewhere.
Heavily-corrected ms. notes and background statistics.
- G.62 'Science and the underdeveloped countries'.
Speech to Council on Foreign Relations, New York, November 1960.
2 pp. ms. notes.

'What I am interested in'.
Speech at Chicago, November 1960.
1 p. ms. notes.
- G.63 'Science and technology and the developing countries'.
(Tenth Hinchley Memorial Lecture, February 1961).
Correspondence, typescript summary of lecture, offprint of published version.
R.S.86.
- G.64 Transcript of discussion on BBC Third Programme, March 1961.
(On underdeveloped countries.)
- G.65 'Science, technology and world advancement'.
(The Irvine Memorial Lecture, University of St. Andrews).
Offprint of published version only. 1962.
R.S.99.
- G.66 'The University's Mission'.
Offprint of article in Bulletin of the Atomic Scientists with ms. date 'May 1962'.
- G.67 'Government and scientific and technical development in emerging countries', February 1963.
7 pp. typescript, perhaps for speech at United Nations Conference, Geneva.
R.S.101.

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- G.68 Notes for speech at City and Guilds College, October 1964.
1 p. ms.

'British Scientist's Impression of China'.
Photocopy of excerpt from recorded talk from Peking in English for Australasia. 10 October 1964.
- G.69 'The Contribution of Science to Development'.
Address to World Conference of Society for International Development, Washington, March 1968.
6 pp. ms. notes;

13 pp. heavily-corrected draft (pages variously numbered);

Copy of 1967 Nehru lecture (R.S.114) edited and adapted for Washington Conference.
- G.70 'Reflections on science and technology in developing countries'.
(The Gandhi Memorial Lectures, delivered at University College, Nairobi, January 1969).
R.S.120.
Blackett's folder, containing:

Correspondence with University College, Nairobi and with East African Publishing House Limited re publication of lectures.
Correspondence with colleagues re Gandhi lectures and the Rede lecture on similar subject, R.S.121, see G.72, with comments, letters of thanks for copies, etc.

Copy of lectures as published, 1970.
- | | |
|-----------------|-----------------|
| M.L.E. Oliphant | D.G. Osborne |
| S. Zuckerman | Atma Ram |
| J.W. Bray | S.S. Sokhey |
| J. Cook | S.P. Ambasta |
| A.W. Benn | J.B. Hutchinson |
| A. Salam | C.F. Goodeve |
| C.P. Snow | J. Humphrey |

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- G.71 Contribution to conference on 'The Social Control of Science and its applications', University of Chicago, March 1969.
15 pp. heavily-corrected notes and drafts;
Offprint of version of address as published in Bulletin of the Atomic Scientists, May 1969.
- G.72 'The Gap Widens'.
(The Rede Lecture, Cambridge, May 1969).
R.S.121.
Blackett's folder containing:
Corrected text of lecture as for publication by C.U.P., 23 pp. typescript with ms. corrections.
Copy of published version and of agreement with C.U.P.
Later typescript copy, c.1972, for projected collection of writings, with extensive annotations and corrections by Blackett and another.
Correspondence with C.U.P. re diminished sales, 1973.
- G.73 Speeches at Conference on Urbanisation and Regional Change, Oxford, April 1970.
'Science and Technology in under-developed countries'.
24 pp. ms. notes and drafts.
6 pp. ms. notes headed 'Blackett, Oxford', probably for same occasion.
- G.74 'Science, Technology and Aid in Developing Countries'.
(Third Encyclopaedia Britannica Lecture, Edinburgh, 1970).
R.S.124.
2 typescript versions, one incomplete, both with ms. revisions and corrections.
Brief editorial correspondence, 1971.
- G.75 'The role of science and technology in economic development'.
15 pp. typescript, with ms. note 'for O.D.I. Review', n.d. but after 1970.
- G.76 'Science policy in an unequal world'.
2 ms. drafts for talk so titled, n.d.

Section G - Overseas activities

G.77-G.81 ORGANISATIONS AND COMMITTEES 1959-73

G.77.G.78 Overseas Development Institute (ODI)

Blackett played an active part in establishing ODI (see especially G.77), acting as Secretary at its early meetings, some of which were held in his room at Imperial College, London.

G.77 Blackett's folder inscribed 'O.D.I. Beginnings'.

Includes: 5 pp. 'Project for an institute for development studies', typescript with ms. revisions, signed by E.A.G. Robinson and Blackett, dated 11 December 1959. This memorandum sets out the case for the establishment of such an Institute, its terms of reference, sources of finance, staffing, etc.

Agendas, committee papers and Minutes of the meetings of the provisional Executive Committee, March-July 1960.

Press Release announcing establishment of ODI (Director: William Clark), list of Inaugurating Council, etc., 16 September 1960

G.78 Correspondence and papers re publication of a series of ODI Agricultural Pamphlets, discussion meeting on the Robbins Report, financial appeals. 1961-71
Misc. committee papers. 1970-72

Includes letter from Richard Wood (Minister of Overseas Development) thanking Blackett for his services to ODI on his retirement from the Governing Body, December 1970.

G.79 UN Advisory Committee on the Application of Science and Technology to Development and Ad Hoc Working Group on Population (ACAST). 1971-72

Correspondence re arrangements for meetings in New York (February), and Geneva (July, September, November 1971).

Letter of thanks from Secretary-General for Blackett's service on the committee.

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G.80, G.81 Committee on Science and Technology in Developing Countries (COSTED). 1970-72

Established by the International Council of Scientific Unions (ICSU) at its General Assembly, Bombay, January 1966, under Blackett's Chairmanship.

Only material for 1970-72 survives, and is largely concerned with the publication of The role of science and technology in developing countries, by Graham Jones (OUP 1971).

See Lovell, Memoir, p.100.

G.80 COSTED committee papers and ICSU reports, includes material re book by Graham Jones.

Correspondence with Secretary, F.W.G. Baker, especially re future programme and membership of COSTED.

G.81 Correspondence re publication and circulation of book written by Graham Jones, under Blackett's direction.

Correspondence with OUP, members of ICSU and other interested organisations in UK and overseas re circulation and promotion of book, requests for copies, etc.

1971

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G.82-G.84 CORRESPONDENCE 1951, 1964-71

The correspondence is presented alphabetically, with dates and a brief indication of any material of particular personal or scientific interest.

G.82	K.O. Dike	1965
	J.L. Loam	1971
	K. Natarajan	1971 (Blackett's carbon only) on population control in Pakistan
	A. Nove	1964 (on development of Soviet Central Asia)
G.83	H.C. Pereira	1971 (on high wage costs in developing countries)
	Royal Inst. International Affairs	1951
	L. Saunders	1970
	R.S. Scorer	1970
G.84	D. Seers	1970
	S. Unwin	1967 (request for Blackett to write book on subject)
	H.I. Usmani	1971-72 (includes programme of visit to Britain)
	J.A.V. Willis	1971

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G.85-G.126 VISITS AND CONFERENCES 1944-71

The material is presented chronologically.

It includes correspondence, travel arrangements, manuscripts or notes for lectures, papers, broadcasts, publications, etc.

This Section contains all surviving records of Blackett's attendance at international conferences, and of his foreign tours (see G.23 - G.31 for visits to India), though it is clear that many other journeys were made and have left no documented evidence.

G.85 - G.91 is of interest in recording Blackett's view of the episode in 1945 when he and other eminent British scientists were refused visas to visit Russia (see the note to these items).

The majority of the visits referred to in this Section were concerned with international co-operation, aid to developing countries, disarmament, etc.

Section G - Overseas activities

G.85-G.91 Proposed visit to Russia June 1945

The visit was for the celebration of the 220th Anniversary of the Soviet Academy of Sciences.

Invitations to a large number of British representatives were issued and accepted (see G.85 for a list of those invited, and Blackett's own invitation and acceptance). At the last moment, visas were refused for J.D. Bernal, P.M.S. Blackett, Sir Charles Darwin, P.A.M. Dirac, E.A. Milne, N.F. Mott, R.G.W. Norrish and E.K. Rideal, on the grounds that they could not be spared until the conclusion of hostilities with Japan.

Blackett led protests against this, by letters and interviews, but the ban remained.

The items below are kept in Blackett's folder, variously marked '1945 Russia', 'Visas Refused', 'Blackett Bernal Mott Norrish'; these notes were probably added at a late date in his career, indicating the lasting impression made on him by the matter, or perhaps the intention to refer to it in a proposed autobiography.

- G.85 Previous correspondence with Sir Henry Tizard and E.F. Collingwood re possible scientific missions or conferences in Russia, 1943, 1945.
Invitation, list of others invited, travel arrangements, including Blackett's application for exit permit.
- G.86 Letter from Home Office refusing visa, 13 June 1945, and Blackett's correspondence with other colleagues involved requesting meeting with Royal Society to discuss the matter.
Includes letters from : P.A.M. Dirac, E.A. Milne, E.K. Rideal, Sir Charles Darwin.
- G.87 Draft letter of protest to President, Royal Society, and misc. letters by Blackett declining to continue attendance at government advisory councils, June-July 1945.

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- G.88 2 letters from Lord Woolton (Lord President of Council) on subject.
- G.89 Correspondence, preliminary notes, and ms. and typescript account for President, Royal Society, of meeting between Sir John Anderson, Bernal, Blackett and Sir Thomas Merton.
- G.90 Misc. correspondence re colleagues, etc. whom Blackett was to have looked up in Moscow; includes a characteristic letter from G.I. Taylor to be delivered to P. Kapitza, with personal and university news. (A copy of this letter is held, by permission, in Trinity College, Cambridge.)
Misc. press releases.
- G.91 Folder of printed material relating to visit, misc. press releases, address and reports, etc.
Includes also (duplicated) address by P. Kapitza to Soviet Academy of Sciences 1943 and subsequent discussion, and note on organisation of Science in USSR, written 1944, published 1945.

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- G.92 World Congress for Peace, Paris, April 1949.
Correspondence with F. Joliot-Curie re organisation of Congress.
Blackett was unable to attend, but folder includes 3 pp. heavily-corrected ms. draft of his letter to Joliot-Curie stating his own views on dangers of war with USSR.
- G.93 Visit to Australia, New Zealand and Singapore 1952-53.
Correspondence re visit and itinerary, lectures and arrangements (including the possibility of a return journey via Canada which did not take place). Some personal and scientific correspondence is included.
Schedule for engagements in Australia, February-March 1953.
- G.94-G.97 International Conference on Science in the Advancement of New States, Weizmann Institute, Rehovoth, Israel, August 1960.
- G.94 Correspondence with Abba Eban (President, Weizmann Institute) re aims of conference, contribution by Blackett, and letter after conference (January 1961) re possible Continuation Committee and possible links with Overseas Development Institute (ODI), 1959-61.

Included here is a letter from Roger Quirk re possible links with Overseas Research Council, May 1960.
- G.95 Conference agenda, programme, list of participants.
- G.96 'New science or old technology'.
Blackett's contribution to conference, given at opening session.
4 pp. ms. notes; typescript version with ms. corrections, 5 pp.
R.S.84.
- G.97 Misc. correspondence re travel arrangements, publication of paper, etc.

Section G - Overseas activities

- G.98 World Food and Population Symposium, British Association Annual Meeting, Cardiff, 31 August-7 September 1960.

The Australian press reported Blackett as saying in his summing up at the conclusion of the symposium that a nuclear war was 'the only answer to the problem of the growing world population'. Blackett replied with a letter for publication and a copy of the written version of his remarks. In his covering letter to the editors Blackett wrote that 'The remark about atomic bombs which became somewhat distorted in the reporting, was an aside not contained in the original script'. Many of the newspapers printed Blackett's letter of disavowal.

The folder includes:

2 draft ms. notes (1 p. each) by Blackett for his remarks.
4 pp. typescript copy for distribution.

Letters from members of the Australian public, many enclosing clippings from the local press re Blackett's remarks.

Copies of other papers (by W.A. Lewis and T.A.I. Grillo) of various dates.

Correspondence re formation of B.A. Committee on World Food and Population (Blackett was a member).

- G.99 Anglo-Soviet Conference, February 1961.

Organised by Great Britain-USSR Association and USSR-Great Britain Society.

Correspondence with Fitzroy Maclean (Chairman) and organisers, 1960-61.

Includes agenda, programme, communiqué (annotated by Blackett), speeches and background material.

Group photograph of members of the conference.

3 pp. ms. note by Blackett on Test Ban, on comments by Russian delegate, and on usefulness of the conference.

Section G - Overseas activities

- G.100, G.101 Centennial Celebration, Massachusetts Institute of Technology, April 1961.
- G.100 Invitation from President to participate, and correspondence with organisers re travel arrangements, Blackett's paper, etc.
- Includes list of UK participants, papers to be given, etc.
- Blackett was the official Delegate of Imperial College at the Conference, and folder includes letter from Rector confirming this.
- G.101 'Scientific and engineering education in newly-developing countries'.
- Includes: 'Inaugural address' by Blackett for Topic A of Conference.
- 2 pp. ms. notes.
- 5 pp. typescript with ms. revisions.
- 3 pp. ms. notes on speeches and discussions at Conference.
- Duplicated summary of discussions of Topic A, 16 pp.
- G.102, G.103 International Conference on Magnetism and Crystallography, Kyoto, Japan, September 1961.
- G.102 Correspondence with organisers re conference arrangements, Blackett's paper and publication, with colleagues in Japan re programme of visit, requests to visit and lecture, letters of thanks, etc., 1961.
- G.103 Printed material: conference programme, list of participants, reports on visit.
- Includes: duplicated copy of Blackett's contribution, 8 pp. typescript with ms. corrections.
- R.S.90.
- See also C.97, C.207.
- G.104 International Seminar, 'University Today', Dubrovnik, Yugoslavia, July 1964.
- Invitation (declined) and prospectus.
- Includes also brief correspondence re Pugwash conferences.
- See also J.69.

Section G - Overseas activities

G.105-G.108 Visit to China, September-October 1964, and correspondence, 1965

Blackett visited China as a member of a Royal Society Delegation, with Professor A.R. Clapham.

He lectured on rock magnetism, and participated in discussions with representatives of Academia Sinica re exchanges of information, training, visits, etc. between British and Chinese scientists. He heard the result of the General Election of October 1964 while in China, and returned for the setting-up of Mintech (see Section E).

Blackett's visit to China made a considerable impression on him, and he referred to it frequently in talks and correspondence and made serious efforts to help Chinese scientists with equipment, exchanges of information and the like.

See also C.216, C.247-C.249, G.27, G.68.

- G.105 Correspondence re visit, and visit to Hong Kong during return journey, letters of thanks to colleagues in China, 1964.
- G.106 Programme of activities in China.
Note of discussion with Academia Sinica (by A.R. Clapham).
Correspondence with W.B. Harland re geological co-operation with China.
Correspondence with Indian Chargé d'affaires in Peking.
- G.107 Correspondence, reports and memoranda re scientific visits and exchanges between Academia Sinica and Royal Society, meetings to discuss same, and especially re work on rock magnetism (see below), November 1964-June 1965.
- G.108 Correspondence, October 1964-June 1965, with R.L. Wilson re his visit to China to advise on rock magnetism research under exchange scheme (see above). The visit, originally planned for 1965, was postponed at the request of the Chinese until 1966.

Section G - Overseas activities

- G.109 Administration and Management of Research and Development.
A series of discussion meetings held at Caius College, Cambridge, 6 July-3 August 1965.
Blackett attended the meeting held on the weekend 16-17 July, when a small (12) group of people met at the invitation of N.F. Mott. The general theme of the discussion was the relationship between Government and the Universities, and the function of University Grants Committee.
Folder includes correspondence re arrangements for meeting, publication of an account of the meeting, draft report (22 pp. typescript) and an amendment by Blackett.
- G.110, G.111 Visit to National Academy of Sciences, Washington, April 1966.
(On the occasion of Blackett's election as Associate Member, National Academy of Sciences).
- G.110 Address at dinner (on organisation of science), 26 April 1966.
Folder includes: 6 pp. ms. notes
10 pp. ms. draft
2 corrected typescript versions, 16 pp.
Copy of N.A.S. News Report with summary of address.
7 pp. summary of speech for publication in News Report.
- G.111 'Science and the national interest'.
5 pp. ms. notes for talk at Council for Foreign Relations, New York, 29 April 1966.
- G.112, G.113 Visit by Royal Society Delegation to National Academy of Sciences, Washington, 26-27 May 1966.
- G.112 Agenda, list of participants, timetables and speakers, Blackett's ms. notes for his introductory remarks on Item 5 of Agenda 'Relation between academies of science and government', and on other speeches and discussions at meeting.
- G.113 Folder of reports, articles, etc. mainly on science and government, includes material on changes in American National Science Foundation, assembled by Blackett as background material.

Section G - Overseas activities

- G.114 Tercentenary Celebrations, Académie des Sciences, Paris, June 1966.
Printed matter and letter of acceptance only.
- G.115-G.119 Chancellor's Lectures, Victoria University of Wellington, New Zealand, September 1966.
(and Blackett's visit to Australia on same occasion)
- G.115 Correspondence with Convenor and with Vice-Chancellor of Victoria University, re arrangements and scheduling of lectures, fees, etc. 1964-66.
Includes press-cuttings of visit.
- G.116 Correspondence with officers of Royal Society of New Zealand re meeting during Blackett's visit, 1965-66.
- G.117 Shorter private correspondence re tour, 1966.
- G.118 Correspondence with colleagues in Australia, June-October 1966, re visits and lectures.
Includes schedules and itineraries, and 1 p. ms. notes for talk at seminar in Canberra on 'War against Hunger'.
- G.119 Blackett's four Chancellor's Lectures were:
1. The Drift of the Continents?
 2. The History of the Earth's Magnetic Field
 3. Technology, and Science in the Past
 4. Technology, Science and Government Today.
- Folder includes ms. notes and drafts for lectures 3 and 4 (labelled by Blackett 1 and 2), and also notes for a version to be broadcast on New Zealand radio.
- Schedule and itinerary in New Zealand are included here.

Section G - Overseas activities

G.120-G.121 Visit to Washington, December 1966.

Blackett delivered an address 'The Ever Widening Gap' (R.S.107) at a meeting of the American Association for the Advancement of Sciences (AAAS), held on the general topic of 'Science in International Perspective'. The AAAS meeting was widened to become a joint meeting with the Washington Academy of Sciences (WAS) which sponsored Blackett's lecture as part of its 500th meeting programme.

G.120 Invitation, correspondence re lecture and publication, with AAAS and WAS officials, programme of meeting, letters of thanks.

G.121 1 p. ms. draft for introduction to speech, not used in published version in Science.

Copy of published version.

Blackett was made Hon. Fellow of WAS, and enrolled as Fellow of AAAS on this occasion; he also acted as Delegate of the British Association.

G.122 Visit to University College, Dar-es-Salaam, December 1968-
January 1969.

(This was a Royal Society visit with Dr. R.W.J. Keay.)

Duplicated report on visit, by R.W.J. Keay.

Section G - Overseas activities

G.123 European Physical Society.

Conference on 'The Growth Points of Physics', Florence, April 1969.

Blackett delivered a lecture, 'The old days of the Cavendish'.

R.S.118.

Correspondence re conference and lecture.

Includes transcript, copy of printed text, and of other speeches at conference; misc. printed matter and newsletters.

8 pp. ms. notes on 'The Old Cavendish'.

Also included is correspondence with President of Italian Physical Society asking Blackett to serve on Steering Committee of European Physical Society (declined), 1966.

See G.125, and under Rutherford in the index of correspondents, for other talks and material on Rutherford, and Blackett's period at the Cavendish.

G.124 Visit to Spain, September 1969.

Brief correspondence and background material only.

Blackett declined nomination as Corresponding Member, Real Academia de Ciencias.

G.125 Rutherford Centenary Celebrations, Moscow, August 1971.

Blackett had intended to attend, and to give a paper based substantially on his 1954 Rutherford Memorial Lecture (R.S.69, see H.51). In the event, he did not go, and his paper was read for him by N. Feather.

Folder includes correspondence with Russian and UK colleagues re conference, and 2 typescripts of the lecture (draft titled 'Memories of Rutherford', and text as read 'Some remarks on Rutherford's achievements').

Section G - Overseas activities

- G.126 Misc. invitations to conferences:
- | | |
|---------------------------------------------------------------------------------------------------------------|-----------------|
| Nobel Prizewinners Conference, Lindau | 1971 (declined) |
| International Conference on Product Development
and Manufacturing Technology, University of
Strathclyde | 1971 (declined) |
| USSR Academy of Sciences Jubilee Celebration | 1972 (declined) |
| Possible UN conference on 'One World - Prospects
and Problems', suggested for 1972-73. | |

SECTION H LECTURES, PUBLICATIONS, ADDRESSES, BROADCASTS 1934-73
H.1 - H.157

This Section assembles in chronological order all surviving material in these categories not included among any of the specific topics in Sections B - G above, although there is often a considerable degree of overlap in subject-matter.

The material varies from brief manuscript notes for an informal talk to substantial folders including several drafts, comments from colleagues and from the general public, particulars of conferences or symposia at which the lecture or address was given, editorial correspondence, arrangements for foreign publication, translation rights, etc.

Some entries are accompanied by explanatory notes, and references are given to related matters in other Sections of the collection.

Several items include or refer to publications not listed in the Royal Society Bibliography. See especially H.8, H.45, H.74, H.77, H.105, H.122, H.132, H.136, H.137, H.139. Many more are unpublished.

Section H - Lectures, publications, addresses, broadcasts

H.1 'The frustration of science'.

Originally a broadcast talk given in March 1934 and subsequently published as Ch. VII of a book of that title.

This is a late typescript, c.1972, with some ms. corrections by Blackett, prepared for a collection of readings to be published by Weidenfeld & Nicolson under the title The Government of Science in Britain, and perhaps for Blackett's own proposed collection of writings.

Includes brief editorial correspondence and information about the book, 1971-72.

R.S.32.

H.2 'Some Aspects of Present Day Affairs. December 10, 1934'.

Very heavily-revised ms. 10 pp., with 1 p. notes partly in another hand.

H.3 'Science and Politics. Dalton Hill. 11.3.37.'

1 p. ms. notes only.

H.4 'The Frustration of Science Exhibition. May 16, 1938'.

1 p. ms. notes for speech or lecture at opening.

H.5 Misc. ms. undated political speeches.

Includes: 3 pp. notes in the form of an open letter to 'Dear Mr. C.' [Neville Chamberlain], attacking armament race. c.1938.

2 pp. notes on necessity of help to Russia (possibly an Operational Research paper).

'The Triumph of Chamberlainism'

4 pp. ms. draft for speech on similar subject and attacking Churchill. c.1942.

Misc. manifestos, quotations, background material, particulars of conference on 'Progressive Politics', held at Dartington Hall, March 1944.

Section H - Lectures, publications, addresses, broadcasts

H.6-H.14 Talks and papers on organisation of post-war science, and fundamental research 1943-45

H.6 'Science and Society. International Youth Centre, 22.9.43.'
ms. 5 pp.

H.7 'Churchill Club, January 1944. Science after the War'.
ms. 3 pp.

H.8 'Fundamental Research in Relation to Industry'.

Blackett's contribution to a British Association discussion.

Includes: 1 p. ms. plan of talk dated January 1944, 9 pp.

Typescript and ms. draft dated January 1945.

5 pp. typescript 'Stenographer's report'.

Offprint of a talk entitled 'Relation between Fundamental and Applied Science', same text with minor differences.

See also E.13.

H.9 'Fundamental Science. Relation with Society'.
1 p. ms. notes. n.d. but kept with correspondence exchanged with 'Martin' re science in socialist and capitalist societies, March-May 1944.

H.10 Talk on science after the war, at T.R.E. Malvern, December 1944.
ms. 13 pp.

Correspondence from A.P. Rowe re talk.

H.11 'The Social Duty of Fundamental Scientists'.
1 p. ms. notes. n.d. probably 1944.

'Fundamental and applied Science'.
2 pp. ms. notes. n.d. probably 1944.

Notes on similar subject, 2 pp. n.d. probably 1944.

'Instructors Course, Bloomsbury House. 12.1.45. Science and the Education of the Citizen'.
1 p. ms. notes.

Section H - Lectures, publications, addresses, broadcasts

- H.12 Papers and talks on science and society by others, collected by Blackett, many annotated by him.
- J.D. Bernal, 'Applied Science and Technology', February 1945.
- E.L. Bowler, 'A growing challenge to technological education', n.d.
- E.C. Bullard, 'Science in national life' (broadcast talk), December 1943.
- J.G. Crowther, 'The Royal Society' (2 copies), November 1944.
- A.V. Hill, a paper on neutrality, 1938, a printed copy of a British Association address with annotations by Blackett, and a ms. 2 pp. 'note on A.V. Hill's address to B.A.' by Blackett.
- M. Polanyi, 'Science and the decline of freedom' (broadcast talk), May 1944, annotated by Blackett.
- A.C.B. Lovell, talk on post-war society given at T.R.E., October 1944 as part of A.P. Rowe's series (see H.10), annotated by Blackett.
- C.H. Waddington, 'The need for an organised study of the influence of science on human affairs', n.d.
- H.13 'Science for peace. Synopsis'.
- With ms. note by Blackett 'Bernal's draft for the now abandoned book'.
- Introduction, and outline for 11 chapters. Typescript.
- H.14 Printed reports on post-war scientific research.
- H.15 2 talks on the planning of science, for the BBC Chinese service.
- 'How planning might be organised', January 1946.
- 'The creation of matter from energy', August 1946.
- Typescript with ms. corrections.
- H.16 Contribution to discussion following a talk by R.L. Oppenheimer, on pure and applied scientific research.
- 3 pp. typescript and ms.
- Notes for speech at T.U.C., Brighton, October 1946.
- 1 p. ms.
- H.17 'The Scientist in the Socialist State'. Fabian Jubilee Lecture, November 1946.
- 2 pp. ms. notes.
- Typescript report of lecture, and of ensuing discussion, 14 pp.
- Press release summary of points made in lecture, 6 pp.
- Brief correspondence re possible publication (declined for lack of time).

Section H - Lectures, publications, addresses, broadcasts

H.18-H.23 Papers relating to Evan James Williams FRS, 1945-47

Williams had been a close wartime colleague of Blackett, who was largely responsible for his appointment to R.A.E. Farnborough, to Operational Research, Coastal Command, and to the Admiralty where he was Assistant Director, Operational Research.

Blackett wrote an obituary of Williams for Nature and the Biographical Memoir for the Royal Society.

R.S.55.

The folders include correspondence with family and colleagues re material for the Memoir, often containing material of personal interest not used in the publication, and fuller notes of Williams's wartime contribution than was available at the time.

For further material, see under E.J. Williams in the Index of correspondents.

- H.18 Letter from Williams, 8 September 1945 [Williams died 29 September] enclosing his own 'Summary of War Work', and hoping to see Blackett before leaving London for the last time.
- H.19 Bibliographies and summaries of Williams's work.
- H.20 Correspondence with family and close friends.
with Williams's parents, 1945-47
with Williams's brother, 1945-46, with autobiographical notes prepared by E.J. Williams, comments on Blackett's Memoir and personal recollections
from Marion Guild, 1946.
- H.21 Correspondence with scientific colleagues, with recollections and information on Williams's work and personality.
W.H. McCrea October 1945
N. Bohr November 1945
J. Chadwick December 1945 (Blackett's carbon only)
W.L. Bragg December 1945
E.T. Davies December 1945-January 1946
H.R. Hulme September 1946
H.T. Tizard September 1946
J.D. Cockcroft September 1946

Section H - Lectures, publications, addresses, broadcasts

- H.22 Correspondence with Royal Society re writing of Memoir.
Brief correspondence re circulation of Memoir.
Misc. ms. notes by Blackett for Memoir.
- H.23 Misc. copies of obituaries of Williams.

Section H - Lectures, publications, addresses, broadcasts

- H.24 'Industrial use of atomic energy'.
Typescript of broadcast talk, February 1947, used as T.U.C. Committee paper, April 1947.
- H.25 'W.E.A. Manchester, April 1947. "The Next Few Years"'.
4 pp. ms. notes for an address given at short notice after the sudden death of Ellen Wilkinson, then Minister of Education.

Another talk using similar material, given as 'Celebrity Lecture', November 1947, under title 'How can science help?', 6 pp. heavily-revised ms. notes.
- H.26 'B.A. 10.5.47. Manchester. Origin of Barlow Rept.'
1 p. ms. notes.

'How can science help us?'
5 pp. ms., with note 'unfinished for Empire News May 1947'.
- H.27 'Science and the British Economic Crisis', Milan, April 1948.
3 pp. ms. notes.

'Science and Industry. T.U.C. Summer School', July 1948.
2 pp. ms. notes.
- H.28 'Draft message to N.Y. Conference, March 1949'.
Typescript 2 pp.

Section H - Lectures, publications, addresses, broadcasts

H.29-H.41 Military and political consequences of atomic energy, London, Turnstile Press, 1948.

R.S.57.

N.B. The folders below contain only correspondence, with colleagues, publishers, readers, etc. No manuscript or drafts remain.

H.29, H.30 Correspondence with publishers (Turnstile Press Limited, London) re original and subsequent editions, foreign rights, possible film rights, sales and reviews, etc., exchanged mainly with R.G. Ernest Willison and Michael Hodson.

H.29 1948-49

H.30 1950-53

H.31 Sales and royalty figures, list of foreign and translation rights of book.

H.32 Correspondence re translations and foreign editions of book.
America (McGraw-Hill)
under the title 'Fear, War and the Bomb'.

Czechoslovakia

France (Albin Michel)

H.33 Germany

Holland

Poland

Sweden

Yugoslavia

H.34 Correspondence with Frederick Osborn, and with BBC, 1948 re criticism of book by Osborn, and Blackett's reply, broadcast on Third Programme, 15 December 1948.

Includes transcripts of both statements.

This broadcast is referred to passim in the correspondence and is concerned mainly with bombing policy in the Second World War, and international control of atomic weapons.

Section H - Lectures, publications, addresses, broadcasts

- H.35-H.38 Correspondence with colleagues and friends, 1948-49, re text or opinions of the book.
Note: Other correspondence on the book sometimes accompanies letters of congratulation on the Nobel Prize, see also A.45-A.54.
- H.35 J.R.M. Brumwell (enclosing extracts of comments by Lewis Mumford)
J.D. Cockcroft
R. Crawshay-Williams
S.S. Dell
G.C. Dickens (copy only)
- H.36 E.M. Earle (on bombing policy)
B.H. Liddell Hart (includes copy of an article by Liddell Hart on 'Global Strategy')
B. Kingsley Martin (2 letters re proposed book Why Not Live? with chapters by Martin, Priestley, Ritchie Calder, Boyd Orr, Blackett)
N.F. Mott (comments on draft text)
- H.37 M.L. Oliphant
J.B. Priestley (ideas on East-West relations)
G.P. Thomson
H.T. Tizard (detailed comments on draft text)
S. Zuckerman (to accompany comments on draft text which have not survived)
- H.38 Correspondence with friends or members of the public, 1948-49 re book, containing personal or factual information on atomic energy or on Blackett's views.
- | | |
|-------------------------|---------------|
| G.W. Cadbury | M. Phillips |
| R. Fraser | M.D.H. Straus |
| H. Johnson | J.B. Thomas |
| C.H. King | V. Torrey |
| J. Langdon-Davies | F. Wood-Jones |
| A. Lee (bombing policy) | 'Norman' |
| W. Lippmann | |

Section H - Lectures, publications, addresses, broadcasts

- H.39 Misc. requests from Blackett for information, when writing or revising the book.
- H.40 Shorter correspondence with members of the general public re the substance and reception of the book (not indexed).
- H.41 Misc. shorter correspondence with editors of newspapers and journals re reviews and comments after publication of book (not indexed).

Section H - Lectures, publications, addresses, broadcasts

- H.42-H.45 Federation of British Industries, Conference on Industry and the Universities, Ashorne Hill, 25-28 November 1949.
- H.42 Correspondence with J.S.B. Stopford (Vice-Chancellor) re Manchester University representative, and with organisers of conference.
- H.43 4 pp. ms. notes, typescript draft, typescript verbatim record (heavily annotated by Blackett), final typescript (for publication) of Blackett's contribution.
- H.44 List of delegates.
Reports of the conference and other printed material.
Copy of N.F. Mott's summary of the conference.
- H.45 Article in the Universities Quarterly based on Blackett's talk to the Federation of British Industries Conference, November 1949.
Correspondence with C.R. Morris (editor), re conference and article.
2 typescripts (one is annotated).
Galley proofs.

Section H - Lectures, publications, addresses, broadcasts

- H.46 Misc. short notes for speeches, 1950.
'L.P.' [Labour Party] 6.3.50.'
3 pp. ms.
'Graduands Dinner, July 1950'
1 p. ms.
'Science Freshmen 1950'
1 p. ms.
'Liverpool Rotary, November 9, 1950'
1 p. ms.
- H.47 Misc. short notes for speeches, 1951.
'Stockport Luncheon Club, 1.3.51.'
1 p. ms.
'Computing Machine, 9.7.51.'
1 p. ms.
'Ferranti Dinner, 11.7.51.'
1 p. ms.
(Both of these latter speeches were made during the Inaugural
Conference of the Manchester University Computing Machine,
9-12 July 1951.)
'Bellevue, October 1951'.
(for Labour Party)
- H.48 Misc. short notes for speeches at Imperial College, 1952-56.
- H.49 'R.P.A. 10.6.53'.
4 pp. ms. draft of speech.
- H.50 'Forward (sic) to The Physics of Experimental Method', by H.J.J. Braddick.
Typescript 4 pp., October 1953.
- H.51 Rutherford Memorial Lecture, 1954.
Offprint of published version, with some marginal scoring.
R.S.69.
- H.52 'Ashridge, August 1954. The Power of the Atom'.
3 pp. ms. notes.

Section H - Lectures, publications, addresses, broadcasts

- H.53-H.56 Atomic weapons and East-West relations, C.U.P. 1956
(The Lees Knowles lectures on military science)
R.S.73.
- H.53 Correspondence with publishers, 1955-57.
Includes negotiations re publication, drafts for preface and publisher's blurb, agreement, circulation arrangements, etc.
- H.54 Correspondence with Kurt Hahn re possible German translation, 1956-57.
The project fell through as Blackett felt unable to adapt or up-date the book to cover German rearmament.
- H.55 Correspondence re Italian translation, 1957-61.
The original book was rejected as being too narrowly aimed at the 'anglo-saxon' public, but Einaudi published a collection of Blackett's writings on defence, including the material of the 1956 book, in 1961.
Includes correspondence with Einaudi (Blackett's letter of 12 October 1960 describes his choice of articles for the book), with C.U.P., holders of copyright, and others.
- H.56 Letters of thanks, comment, etc. from friends and colleagues, 1956.
Sir Anthony Buzzard
A.M. Compton
D. Gabor
J. Grant
N. Jovičević
B.H. Liddell Hart
F.O. Miksche
Mountbatten of Burma
Jawaharlal Nehru
A.P. Singh
Sir John Slessor
See also J.15.

Section H - Lectures, publications, addresses, broadcasts

H.57-H.73 'Technology and World Advancement'

Blackett's Presidential Address to the British Association at its meeting in Dublin, 1957.

This was one of Blackett's most influential addresses, in which he developed his theme of the 'gap' between developed and under-developed countries, and the necessity for financial and technological support. The various drafts for the address (H.62 - H.66) show Blackett's care in the preparation of the written and spoken versions of the address, and the folders of correspondence contain comments on the draft material (H.57 - H.61), and also on the reception of the final product (H.67 - H.68). The many requests for reprints, and the press-cuttings testify to the wide interest aroused by the address.

For other writings on these topics, see Sections F and G.

See Lovell, Memoir, pp.97-98.

R.S.74.

H.57-H.61 Correspondence with colleagues, advisers and friends in preparation for Address, requests for information, statistics, comments on ideas or drafts, etc. 1957.

In alphabetical order.

H.57 T. Balogh
H. J. Bhabha (Blackett's carbon only)
R. Calder (comments on draft)
C.G. Clark
A.M. D'Rozario

H.58 H. Gaitskell (comments on draft)
H. Hartley (comments on draft, and also including photocopy of an address on underdeveloped countries given by Hartley at World Power Conference, Belgrade, June 1957)

Section H - Lectures, publications, addresses, broadcasts

- H.59 N. Kaldor
S. Kuznets
P.C. Mahalanobis (Blackett's carbon only)
J. Needham (Blackett's carbon only)
- H.60 Correspondence with E.A.G. Robinson [Sir Austin Robinson] and Phyllis Deane, January-September 1957, especially re comparative economic growth figures, financing of British industrial revolution, etc.; includes advice on expert advisers, comments on Blackett's draft, annotated background material, ms. notes, etc.
- H.61 C. Singer
H.W. Singer
D. Tyerman (Blackett's carbon only)
- H.62-H.66 Drafts and versions of Address.
- H.62 Second and third drafts, both typescript with extensive ms. corrections.
- H.63 'Reading copy', 24 pp. typescript with many ms. corrections and deletions.

Another typescript copy, probably taken from a published text as basis for later work (see below).
- H.64 Heavily-revised and corrected version, probably prepared for a projected collection of writings, c.1972. The text is considerably cut, statistics revised and tenses altered. Most of the corrections are in Blackett's hand, but there are some notes by another; also includes an offprint of R.S.74, with deletions marked by Blackett for a shortened version.
- H.65 Misc. proofs for published version, R.S.74, all with ms. corrections.
- H.66 Misc. published versions, reports and comments on Address, some annotated.

Misc. press-cuttings, reporting the British Association meeting and the address.

Section H - Lectures, publications, addresses, broadcasts

- H.67, H.68 Correspondence with colleagues and friends after delivery/publication of Address.
- H.67 I. Cripps
G. Crowther
C.F. Goodeve
T.G.N. Haldane
J.S. Huxley
C. Judd
R. Kahn
B. Lockspeiser
- H.68 P.C. Mahalanobis (on aid to underdeveloped countries, especially Russian aid to China)
Bertrand Russell
A. Salam
C.O. Schaeffer
C.C. Tanner (includes copies of letters to Press disputing Blackett's views)
R.H. Tawney
R.W. Urquhart (on Crofters Commission in Scottish Highlands)
B.N. Wallis
W.L. Wyatt
- H.69 Copies of Blackett's covering letters sent with complimentary copies of Address, some with replies or acknowledgements (not indexed), 1957.
- H.70 Brief correspondence with officials of B.A. re meeting and Address.
List of recipients of complimentary copies of Address.
Autograph ms. and amended typescript versions of Blackett's Presidential Toast to De Valera at B.A. dinner at Dublin meeting.

Section H - Lectures, publications, addresses, broadcasts

- H.71 Letters from members of the general public, requests for support for misc. organisations, etc. after delivery /publication of Address. In alphabetical order (not indexed), 1957.
- H.72 Requests for copies of the address (not indexed), 1957, 1959.
- H.73 Correspondence with editors and journalists re publication/ translation of the address, mainly in foreign journals (not indexed), 1957.

Section H - Lectures, publications, addresses, broadcasts

- H.74 'The Challenge of Calder Hall' for News Chronicle, 17 October 1956.
Typescript, 5 pp.

Speech at dinner, Royal Aeronautical Society, May 1957.
Typescript and ms. 3 pp.

'41st Physical Society Exhibition, 1957'.
Ms. notes, 5 pp.
- H.75 Ms. plan and notes for 4 lectures delivered at London University, February 1958.
The subjects were:
 Organisation of Pure Science
 Application of Science to living standards in U.K.
 Application of Science to living standards of world
 Beyond Material Wealth.
- H.76 Speech at Elliot's School, November 1958.
2 pp. ms. notes.
- H.77 'The education of an agnostic', Punch, September 1958.

Includes: Invitation to write article and correspondence with Editor of Punch (Bernard Hollowood), May-August 1958.

Later correspondence with Punch requesting copy or transcript of article (perhaps for projected collection of writings), 1972.

2 typescript and ms. drafts, variously corrected, one dated 3 September 1958.

Later revised version, 1972.

Correspondence received from readers after publication of original article, September-November 1958 (not indexed). Although Blackett seems to have considerably toned down his first ideas (Hollowood's letter of 27 August 1958 says 'I am sorry that you have taken out the reference to the Royal Family and the efficacy of prayer'), this correspondence is all hostile.

Section H - Lectures, publications, addresses, broadcasts

- H.78-H.80 The Rutherford Memorial Lecture, 1958.
Delivered at McGill University, Montreal, September 1958 and
published in Proc. Roy. Soc., A, 1959.
R.S.77.
- H.78 Offprint of published version.
Mss. of two earlier, unrecorded, talks on Rutherford by Blackett:
 'Cérémonies Rutherford', Paris, 8 November 1947, 9 pp.
 'Rutherford', with ms. note 'M.G. Nov. 30 1950' (perhaps
 for Manchester Guardian), 5 pp. heavily-corrected
 typescript.
- H.79 Background material.
Includes copy of 'Rutherford by those who knew him' (Physical
Society, 1954), ms. notes by Blackett, and 'Explanatory Notes'
on the concept of 'Strangeness' dated April 1957 and with the
name 'K. Barker' added by Blackett.
Press-cutting.
- H.80 Background material.
28 pp. typescript reminiscences of Rutherford and others, by
William Kay. These reminiscences are of some interest.
(Kay was steward of the Physics Department, Manchester
University. See Lovell, Memoir, p.29.)

For other material see under Rutherford in Index of correspondents.

Section H - Lectures, publications, addresses, broadcasts

- H.81 Transcript of TV Press Conference at British Association meeting at York, September 1959.
Typescript 12 pp.
- 5 pp. ms. notes, probably for speeches at B.A. meeting or for press conference above.
- 'Sloane School, 29 October 1959'.
1 p. ms. notes.
- 'R.C. of Sc. [Royal College of Science] Association, 13 November 1959'.
2 pp. ms. notes.
- H.82 'Scientific and technological change and human values'. Talk to The Humanists, University College, London, January 1961.
3 pp. ms. notes.
- 'Q.M. [Queen Mary] College, 19.2.60.'
1 p. ms. notes.
- Summing-up of World Food and Population Symposium at British Association meeting at Cardiff, September 1960.
Duplicated paper.
- 'Speech of thanks to J.D.C. [Sir John Cockcroft] at Opening Ceremony of Physics Building, 20.10.60.' [at Imperial College, London].
3 pp. ms. notes.
- See also J.19.

Section H - Lectures, publications, addresses, broadcasts

H.83-H.88 'Tizard and the Science of War'.

The Tizard Memorial Lecture, delivered at the Institute of Strategic Studies, February 1960.

The folders of correspondence (H.85 - H.88) contain reminiscences and information about wartime events in which Tizard played a part.

In his letter to Admiral Middleton (H.87), Blackett writes 'I took a great deal of trouble in writing it, but feel it was very worth while because I wanted to put across what a terrific amount Tizard did for the country'.

R.S.83.

See also under H.T. Tizard in the Index of correspondents.

H.83 Blackett's notes for lecture, requests for information, copy of Tizard's autobiographical notes for his Royal Society record.

H.84 Circulation list for reprints, requests and thanks for copies (not indexed).

H.85-H.88 Correspondence re lecture, 1960.

The folders include comments on the draft lecture, and on the final version as delivered or published, some with personal recollections of Tizard and wartime events.

In alphabetical order.

H.85 Unidentified (on Future Weapons Committee)

L.J.F. Brimble (Nature)

D.D. Dempster

B. Ifor Evans (Cherwell-Tizard controversy)

A.N. Frankland (substantial comments on draft)

D. Ginsburg

H.86 H.B. Hartley

A.V. Hill (comments on draft, and recollections of wartime events and controversies. Includes a copy of a letter from Tizard to Hill, 18.6.36. about the presence of Lindemann on the 'Tizard Committee', and on early radar trials. See also J.35).

Section H - Lectures, publications, addresses, broadcasts

- H.87 R.C. Hovendon
 B.H. Liddell Hart
 T.R. Merton (recollections of Cherwell and Tizard)
 G.B. Middleton
 A.P. Rowe (Cherwell-Tizard controversy)
 H.M. Sinclair
 Lord Swinton
- H.88 K. Tizard
 J.P.M. Tizard
 R.H. Tizard
 H.E. Wimperis

Section H - Lectures, publications, addresses, broadcasts

- H.89 Speech by Blackett delivered at Bristol, 28 April 1961, in support of Anthony Wedgwood Benn (now Tony Benn), at the by-election for Bristol South-East.
- Expresses Blackett's views on science and industry, and the Labour Party's plans for their future.
- Heavily-corrected typescript, 12 pp.
- H.90 Misc. speeches, 1961.
- 'Wilson's Grammar School. July 1961'.
 12 pp. ms. notes for opening of new laboratories.
- 'Eltham Green School. 19 July 1961. Britain Today and Tomorrow'.
 2 pp. ms. notes.
- 'Rutherford Celebration, 1961'.
 2 pp. ms. notes for speech at dinner.
- H.91, H.92 Contribution to 'Freedom From Want', produced by ATV.
- The programme was to be produced by John Nelson Burton for screening on 25 February 1962, with contributions from Blackett and many other distinguished participants. Filming took place as planned, but shortly before transmission the producer was replaced and the programme revised. The new script was not acceptable and the distinguished contributors withdrew from the programme, sending an explanatory letter to The Times.
- H.91 Introductory background brochure on 'The Four Freedoms' by Lord Gladwyn, annotated by Blackett.
- Draft outline script, and script intended for transmission on 25 February 1962.
- H.92 Blackett's notes on questions to be asked of participants.
- Correspondence with contributors, with original producer, and with ATV re change of plan and withdrawal of contribution.
- Press-cuttings about the incident, including question in House of Commons.

Section H - Lectures, publications, addresses, broadcasts

H.93-H.95 Studies of War

A collection of writings on military and defence problems, published by Oliver and Boyd, 1962.

R.S.91-98.

H.93, H.94 Correspondence with Paul Rosbaud re plan of book, with UK publishers Oliver and Boyd, and American publishers, Hill and Wang, re agreement, publication, UK and overseas editions and reviews, permission to reproduce previously-published work, and also publication by Oliver and Boyd of Blackett's lecture 'Organisational problems of scientific research in the Universities' (R.S.100) as a contribution to Physics in the Sixties (see H.96).

2 folders:

H.93 1961-62

H.94 1963-66

H.95 Reviews of Studies of War.

H.96 'Organisational problems of scientific research in the universities'.

Address at the opening of the new Physics Building at King's College, Newcastle-upon-Tyne, March 1962, published in Nature, May 1962.

R.S.100.

Offprint of published version.

Typescript taken at later date, c.1972, for projected collection of writings.

H.97 Misc. shorter notes for speeches, 1962.

'Toast of the University' at St. Andrews, April 1962.

4 pp. ms. (on the occasion of Blackett's visit to deliver the Irvine Memorial Lecture, R.S.99).

'Bridging Gap between Politicians and Professions'.

1 p. ms. notes for lunch of Fabian Society.

Lecture at British Association meeting, Manchester.

1 p. notes and typescript summary.

'Institute of Welding, 1.11.62.'

2 pp. ms. notes.

'Northampton CAT, 12.12.62.'

Misc. ms. notes.

Section H - Lectures, publications, addresses, broadcasts

- H.98-H.100 'The universities and the nation's crisis'.
The British Association Granada Lecture, 8 October 1963.
R.S.102.
- H.98, H.99 Drafts, revisions, reading version, all with extensive ms. corrections.
2 folders.
- H.100 Background material, notes and graphs on university expansion;
includes papers prepared by Blackett for the Labour Party, March
and May 1963, on scientific and technical manpower.
- H.101 'Chelsea Labour Party, 22.1.64. The Universities and Scientific
Policy'.
4 pp. ms. notes.
- 'L.S.E. Dinner, 12.3.64.'
4 pp. ms. notes.
- 'Geological Society, 22.4.64.'
1 p. ms. notes.
- H.102 'Wanted: A Wand Over Whitehall. Professionalising the Civil
Service'. Article published in the New Statesman, 11 September
1964.
- Copy as published.
- Photocopy of typescript as prepared for collected writings 'Science,
Technology and Government' (see H.123).
- Letter from J. Freeman, outlining plan of a series of articles by
various authors on their expectations of a new government, and
inviting Blackett to contribute his ideas on science, July 1964.
- R.S.103.

Section H - Lectures, publications, addresses, broadcasts

H.103-H.107 Royal Society's Anniversary Meeting and Dinner, 1965.

Blackett was elected President of the Royal Society at the Anniversary Meeting of the Society on 30 November 1965 and presided at the Anniversary Dinner that evening. The following five folders contain material relative to the Meeting, Dinner and Blackett's speech at the Dinner.

- H.103 Anniversary Meeting: agenda, seating arrangement, balloting list. Proof copy of the Address of the President, Lord Florey, and of his remarks at the presentation of the Society's Medals. (Copley Medal to Professor A.L. Hodgkin; Royal Medals to Dr. R.A. Lyttleton, Dr. J.C. Kendrew, Dr. H.C. Husband; Davy Medal to Professor H.W. Thompson; Hughes Medal to Professor D.H. Wilkinson).

Blackett was inducted as President following vote of thanks to Florey for his Address.

- H.104 Anniversary Dinner, Dorchester Hotel: plan of tables, menu, list of principal guests, typescript of speech by Rt. Hon. Harold Wilson, Prime Minister, who proposed the toast to the Society and to the President.

- H.105 Speech by Blackett in response to toast by Prime Minister: photocopy of 'corrected copy 2', typescript of final version as spoken with ms. annotations by Blackett. Offprint of Prime Minister's speech and Blackett's reply, as published in Notes and Records, 21, no.1, June 1966.

- H.106 Background material compiled by Blackett in preparation for his speech: proof copy of toast by Sir John Wolfenden at Anniversary Dinner, 1964, and of Florey's reply. Misc. ms. notes by Blackett of statistics and of apposite quotations culled from a variety of sources.

- H.107 Correspondence re preparation of speeches, including information and references re speakers at previous Dinners, age of Fellows elected to the Presidency, etc.

Section H - Lectures, publications, addresses, broadcasts

- H.108 Misc. shorter speeches, 1965.
- 'Goldsmiths' Dinner, 2.2.65. Reply to The Guests'.
9 pp. ms. (on future plans for Royal Society).
- 'M/C [Manchester] Coll. Sc. & Tech. 10.3.65'.
3 pp. ms. notes.
- Athenaeum Monthly Talk Dinners - correspondence re Blackett's Chairing of Talk on 'Science, Government and Industry' to be opened by R.V. Jones, November 1965.
- H.109 'The First Year of the Ministry of Technology'.
- Lecture at the annual conference of the Chief Scientist at the Ministry of Aviation, 26 November 1965.
- Various texts of the lecture, as follows:
- 6 pp. ms. plan of lecture, with additional notes in red and black pencil.
 - 11 pp. typescript version described as 'copy with references' with many ms. revisions and additions (lacks last page).
 - 18 pp. typescript copy taken c.1972 for projected collected writings.
- This is the paper which was used as no.4 in Blackett's privately-circulated set of papers on 'Science, Technology and Government', December 1966.
- See also H.123 and Lovell, Memoir, pp.81-82.
- H.110 'Science, technology and government'.
- Address at Inauguration of the Newman Building, University of Exeter, 4 December 1965.
- Copy of text as printed in Exeter University Gazette, and a later typescript, c.1972, taken for projected collected writings.
- Brief correspondence re lecture.
- R.S.105.
- H.111 Tribute to Homi Bhabha, broadcast on BBC European Service, 26 January 1966. Duplicated copy of script.
- H.112 'Spontaneous speech', February 1966.
1 p. ms. notes.
- Similar, February 1966, 1 p. ms. notes.
(both on science and government)

Section H - Lectures, publications, addresses, broadcasts

- H.113 'Education and the Trade Gap'.
A Tizard Memorial Lecture, given at Westminster School,
24 February 1966.
Extensively-corrected duplicated copy (lacks last page) and
typescript reading version.
R.S.106.
- H.114 'Science and Government'.
Talk at Imperial Defence College, March 1966.
4 pp. ms. notes.
Includes correspondence with Commandant and others re visit,
list of those attending course, etc.
- H.115 Speech of welcome to Piotr and Anna Kapitza at Royal Society
when Kapitza gave lecture on recollections of Rutherford, May
1966.
1 p. ms. notes, and press-cutting.
Includes published copy of Kapitza's lecture, inscribed by him
for Blackett.
- H.116 Royal Geographical Society, toast at Dinner, June 1966.
Heavily-corrected ms. 7 pp.
University of Hull, July 1966. Speech on conferment of Hon.
Doctorate.
3 pp. ms.
- H.117 'Science in the service of mankind'.
Opening Address at the Eighth London International Youth Science
Fortnight, organised by Worldfriends International Service for
Youth in conjunction with the British Association, 27 July-10 August
1966.
Includes: 2 sets of Blackett's ms. notes for his address.
Correspondence re conference and address.
Programme of conference. The opening ceremony,
at which Blackett delivered his address, was chaired
by the President, Sir Lawrence Bragg.

Section H - Lectures, publications, addresses, broadcasts

- H.118 'The Lunar Society of Birmingham'.
Speech at Opening of Bicentenary Exhibition, October 1966.
Typescript and offprint.
R.S.112.
Mathematical Institute, Oxford. Speech at Opening,
October 1966.
3 pp. ms. notes.
'SIRA Opening of New Building', October 1966.
2 pp. ms. notes.
- H.119 'Technology, industry and economic growth'.
The 13th Fawley Foundation Lecture, given at University of
Southampton, 23 November 1966.
Copy of published text with ms. annotations.
Later typescript, c.1972, for projected collected writings with
notes for alterations by Blackett and another.
Circulation list for reprints, requests for copies (not indexed).
R.S.108.
- H.120-H.122 Royal Society's Anniversary Meeting and Dinner, 30 November 1966.
- H.120 Blackett's Presidential Address.
Includes: 1 p. outline (ms.) of Address
14 pp. typescript, amended and annotated by Blackett
background material.
R.S.111.
- H.121 Copies of correspondence with and re Professor Eduardo Amaldi,
For. Mem. R.S., who proposed the toast to the Society.
Copy of 'preliminary summary' of his speech, sent by Amaldi for
information prior to his arrival in London.
- H.122 2 typescripts (20 pp. each) of Blackett's reply to the toast. The
top copy is extensively revised and amended by Blackett, the
second copy bears only a few annotations (it is titled the 'Press
Version').
Proof copy (annotated by Blackett) with offprint of Amaldi's
speech, and Blackett's reply as published in Notes and Records, 22.

Section H - Lectures, publications, addresses, broadcasts

H.123 'Science, Technology and Government'.

Collection of writings by Blackett, circulated privately in December 1966. Contains:

1. 'Government participation in Industrial Research and Development', submitted by Blackett to the Board of the National Research and Development Corporation, 1959.
See also E.38, E.49, E.53.
2. 'The Case for a Ministry of Technology', 1964.
See also E.49.
3. 'Wanted: A Wand Over Whitehall. Professionalising the Civil Service', 1964.
See also H.102.
4. 'The First Year of the Ministry of Technology', 1965.
See also H.109.

Included here is 1 p. typed draft, referring to several of these documents, and perhaps intended as a draft introduction to a proposed collection of published work which Blackett was contemplating in 1972.

See the General Introduction to the catalogue for other references to this project.

H.124 Address to The Parliamentary and Scientific Committee Annual Luncheon, 16 February 1967. (On science and government).

First draft 13 pp. typescript with ms. corrections, more vigorous in style than official version.

Duplicated version of address, 6 pp.

Later typescript taken c.1972 for projected collected writings, with ms. annotations.

R.S.110.

Included here is 1 p. ms. notes for a talk on Science and Government headed 'I.D.C.' [Imperial Defence College], 1967.

Section H - Lectures, publications, addresses, broadcasts

H.125

Misc. shorter notes for speeches, 1967.

'Institute of Physics and the Physical Society', 2 May 1967.

Speech at dinner, 2 pp. ms. notes.

'Opening of new Schuster Laboratory', 3 May 1967 [at Manchester University].

4 pp. ms. notes.

'Visiting Board of N.P.L.', 9 May 1967.

2 pp. ms. notes.

Introductory remarks at opening of international meeting, Royal Geographical Society, July 1967.

5 pp. ms.

Section H - Lectures, publications, addresses, broadcasts

H.126-H.132 Royal Society's Anniversary Meeting and Dinner, 30 November 1967.

H.126 Blackett's Presidential Address.

1 p. ms. outline.

Offprint of Address and Blackett's remarks at presentation of Medals (Copley Medal to Professor B. Katz; Royal Medals to Professors C.E. Tilley and J.Z. Young and Sir Joseph Hutchinson; Davy Medal to Professor V. Prelog; Buchanan Medal to Sir Graham Wilson; Sylvester Medal to Professor H. Davenport; Mullard Medal to Dr. G.D.H. Bell).
Published in Proc. Roy. Soc. A., 303, 1968.

R.S.116.

H.127-H.130 Background material (notes, correspondence, reports) assembled by Blackett in preparing his Address.

4 folders as follows:

H.127 Statistics and notes re number of Nobel Prizes awarded in Britain, Europe, USA and re Nobel genealogy of 'centres of excellence'. Folder includes copy of article by Sir Hans Krebs, Nature, 215, September 1967, on 'The Making of a Scientist'.

H.128 Two Reports by the Foreign Secretary of the Royal Society, Professor H.W. (now Sir Harold) Thompson:

'The Royal Society and Foreign Scientific Relations', 30 September 1967. Note prepared for the Central Office of Information. 6 pp. typescript with covering note by Thompson who sent it to Blackett for his information.

Report on the Society's international scientific activities. Draft (perhaps by Thompson) for Society's annual meeting or report, 13 pp. typescript annotated by Blackett.

H.129 Correspondence re current developments in British astronomy. Letters exchanged with Professor H. Elliot, Sir Bernard Lovell, Sir Richard Woolley, Professor W.H. McCrea. Topics include quasars, new Isaac Newton telescope, space exploration, radio and theoretical astronomy, etc.

H.130 Misc. notes made and collected by Blackett.

H.131 Correspondence re toast to the Society, proposed by Sir Kenneth Wheare (then President of the British Academy). Folder includes offprint of Wheare's Presidential Address to the British Academy, 10 July 1968.

Section H - Lectures, publications, addresses, broadcasts

- H.132 Typescript of Blackett's response to the toast by Sir Kenneth Wheare. 14 pp., amended and annotated by Blackett.
Background material and notes.
Offprint of speech by Wheare and response by Blackett as published in Notes and Records, 23, no.1, June 1968.
- H.133 'Science and Technology and Economic Growth'.
Address to Academy of Socialist Republic of Romania, Bucharest, September 1967.
2 pp. notes and statistics, 3 pp. answers re visit, for press conference, 2 pp. notes for talk more specifically on scientific and technological policy in UK.
- H.134 Address to H.M. The Queen at the opening of the Royal Society's new premises, November 1967.
Reading version, heavily-corrected ms. 14 pp., and printed version.
R.S.113.
Speech at University of York, December 1967.
2 pp. ms. notes.
- H.135 Notes and speeches, 1968.
'Scientific Attachés Club', January 1968.
4 pp. ms. notes.
'H.G. Wells Society, I.C. [Imperial College]. Science, Technology and Economic Growth', January 1968.
8 pp. ms. notes.
Association of Consulting Engineers, Annual Dinner, February 1968.
Speech, 12 pp.

Section H - Lectures, publications, addresses, broadcasts

- H.136 Notes and speeches, 1968.
- Speech at opening of research exhibition, University of Aston, April 1968.
1 p. ms. notes.
- Speech at opening of Department of Geodesy and Geophysics, Cambridge, April 1968.
6 pp. heavily-corrected typescript.
- Speech at opening of Kelvin Laboratory, East Kilbride, Glasgow, June 1968.
5 pp. ms.
- Evidence to Senate Special Committee on Science Policy, Ottawa, 19 March 1968.
Reprint of evidence, pp.88-109 of official record.
- H.137 Misc. writings and speeches for the Bicentenary of James Cook, 1968-69.
- Opening of the Cook Gallery at the National Maritime Museum, Greenwich, July 1968.
8 pp. heavily-corrected typescript, and copy of version printed in Notes and Records, 24, June 1969.
- Address at Cook Bicentenary Symposium, Australian Academy of Science, Canberra, May 1969.
3 pp. typescript and ms., and press-cutting.
- Speech at reception at Royal Society to celebrate Bicentenary of Cook's observation of the transit of Venus, June 1969.
2 pp. typescript and ms.
- 'Cook's voyages and the Royal Society'.
Article written for The Times, August 1969, and press-cutting of slightly altered printed version.
- H.138 Folder of misc. background material, articles on Cook, etc.

Section H - Lectures, publications, addresses, broadcasts

- H.139 Royal Society's Anniversary Meeting and Dinner, 30 November 1968.
2 pp. ms. outline by Blackett for his Address at the Meeting.
Offprint of toast to the Society proposed by Rt. Hon. Edward Short and response by Blackett. Published in Notes and Records, 24, no.1, June 1969.
(Folder includes list of speakers at the Society's Anniversary Dinners, 1958-68.)
R.S.117.
- H.140-H.143 Misc. notes and speeches, 1969.
- H.140 Speech at Installation of first Chancellor of the Open University, July 1969.
5 pp. typescript and ms.

Vote of thanks to Sir Peter Medawar for Presidential Address, British Association, September 1969.
4 pp. typescript and ms.
- H.141 Opening Address at ICSID [International Council of Societies of Industrial Design] Congress, September 1969.
8 pp. typescript and ms.

'Face to Face with Metrication', September 1969.
6 pp. ms.
- H.142 Introduction by Blackett to first J.D. Bernal Lecture (given by Dorothy Hodgkin), October 1969.
8 pp. typescript and ms.

Speech at Nature Centenary Conference, October 1969.
3 pp. typescript and ms.
- H.143 'The impact of the natural sciences on archaeology'.
Introductory remarks at a joint Royal Society/British Academy symposium so titled, December 1969.
2 pp. ms. notes, with programme of symposium, background material and correspondence.

Section H - Lectures, publications, addresses, broadcasts

H.144, H.145 Misc. notes and speeches, 1970.

H.144 Speech at opening of new building at Plant Breeding Institute,
Cambridge, July 1970.

Draft speech, 15 pp. typescript and ms. corrections.

Typescript of speech as read.

Letters re meeting from

J.B. Hutchinson

E.G. Cox (forwarding background material, which remains
in the folder)

H.145 Speech at Inaugural Ceremony, International Astronomical
Union 14th General Assembly, August 1960.

6 pp. typescript.

Greater London Council. Speech at Chairman's Lunch,
November 1970.

1 p. ms. notes.

Section H - Lectures, publications, addresses, broadcasts

H.146-H.153 Speeches in the House of Lords, 1970-72

H.146-H.149 Maiden Speech, March 1970.

On Lord Fulton's motion 'to call attention to the Pearson Report "Partnership in Development" ...' (on aid to developing countries).

H.146 'Spoken version' of speech, 16 pp. heavily-revised typescript and ms.

Transcript of recording of The Week in Westminster broadcast on BBC Radio, with contribution by Blackett on the debate.

H.147 Correspondence, including comments on draft speech.

G. Cunningham

J.C. Hart

D. Seers

A.G. Tasker

unidentified

Included here is a photocopy of a letter from Lord Jellicoe, who describes himself as 'a post-Jutland afterthought' regretting he would miss the speech. The letter is dated by Blackett 'February 71' but this is incorrect.

H.148 Blackett's plan for speech, notes and drafts, misc. background material, articles, press-cuttings, etc.

H.149 Press-cutting, and photocopy of Hansard recording speech.

R.S.122.

H.150 Speech, February 1971.

On Lord Snow's motion 'to call attention to the problem of the rate of increase of world population ...'

9 pp. ms. notes.

R.S.125.

Section H - Lectures, publications, addresses, broadcasts

- H.151 Correspondence re debate on Lord Bessborough's motion on the Green Paper on Research and Development (the Rothschild Report), February 1972.
Blackett spoke in this debate, but only 1 p. ms. notes remain.
Lord Bessborough
Lord Halsbury
Lord Jellicoe
also brief letter from Lord Rothschild, 1970.
R.S.126.
- H.152 Fourth speech, April 1972.
On Baroness White's motion on U.N.C.T.A.D. [United Nations Conference on Trade and Development].
6 pp. ms. notes.
Correspondence with organisations and individuals re debate and conference.
R.S.127.
- H.153 Misc. requests for Blackett's intervention in Bills before the House of Lords (not indexed).
- H.154 Pp. 6 and 7 only of ms. speech or lecture on University entry, n.d. c.1972.
Brief editorial correspondence re Speech on Rutherford, 1972.
R.S.128.
- H.155 'The rich and poor nations'.
This is a conflation of earlier writings on developing countries (especially the Rede Lecture and the Gandhi Memorial Lecture) made by the Editor of Technology and Society and approved by Blackett as a contribution to the journal.
Includes correspondence with editor and 2 versions of the paper, 1971-72.
R.S.129.

Section H - Lectures, publications, addresses, broadcasts

H.156 Vikram Sarabhai. Obituary notice. May 1973.

4 pp. typescript.

R.S.131.

Folder also includes Blackett's telegram of condolence to Sarabhai's widow, and correspondence re Vikram Sarabhai Memorial Lecture. Blackett was invited to give the first lecture, but declined.

H.157 Misc. notes, plans, quotations, etc. for lectures. n.d.
Some are intended for the Labour Party, some for the Royal Society, Association of Scientific Workers, etc.

SECTION J CORRESPONDENCE J.1 - J.158

This Section contains all surviving correspondence other than that retained by Blackett with the working papers and lectures elsewhere in the collection.

The material is presented as follows:

- J.1 = J.113 Correspondence with individuals and organisations, in alphabetical order. The correspondence is dated and indexed, and an indication is given of any information of particular biographical, scientific or historical interest.
- J.114 - J.144 Correspondence with organisations, institutions, advisory boards, companies, etc. for articles and publications, radio and television appearances, references and testimonials.
- J.145 - J.158 Shorter correspondence.

Most of this dates from Blackett's later years, when he received many invitations and requests.

An indication is given in the list below of the contents of these folders, but the material is not itemised or indexed.

Section J - Correspondence

- J.1 Adams, J.B. 1966 (organisation of Atomic Energy Authority)
- Ambrose, E.J. 1964 (response of cells to magnetic field)
Includes a letter from Sir Alexander Haddow.
- J.2 Association of British Science Writers 1963-64
- J.3 Attlee, C.R. 1946-47
- Correspondence *re* Blackett's meeting with Attlee (then Prime Minister), and his presentation and discussion of his memorandum on the international control of atomic energy.
- The folder includes:
- Acknowledgement by P.M.'s Secretary of 'your letter of the 11th November and the enclosed memorandum', 13 November 1946.
- Blackett's carbons to J. Strachey (Minister of Food) and Sir Stafford Cripps (President, Board of Trade) describing a friendly interview with Attlee 'about 10 days ago' and enclosing copies of his memorandum.
- Blackett's request for further interview with Attlee, December 1946.
- Arrangements for interview with Attlee on 15 February 1947.
- Letter to Attlee pressing for reconstitution of Advisory Committee on Atomic Energy with Tizard ('an invaluable asset') as Deputy Chairman, 17 February 1947.
- See D.174 and D.201.
- J.4 Auger, P. 1966 (on ELDO)
- Balogh, T. 1965 (includes a letter from Attorney-General)
- J.5 Barford, N.C. 1970
- Beer, A.S. 1971
- J.6 Bell, R. 1972
- Correspondence with Mrs. Rose Bell, daughter of Sir George Thomson, *re* a 'co-operative memoir' for his 80th birthday; includes 2 pp. typescript of Blackett's contribution to the memoir.
- Benn, A.W. 1968

Section J - Correspondence

J.28	Flowers, B.H.	1969
	Fores, M.	1970-71
J.29	Gabor, D.	1967, 1971
J.30	George, E.P.	1971
	Graham B.	1971 (on the death of her husband, John W. Graham)
	Graham, G.M.	1966
	Grubb, K.G.	1959
J.31	Halban, H.	1940
	Letter from Hans Halban, 27 August 1940, 'We are now sending you the papers which we would like to be deposited at the Royal Society ...'	
	The 'papers' related to work in France on uranium fission.	
J.32	Hartley, H.B.	1966
	Heavens, O.S.	1967
J.33	Heisenberg, W.	1957, 1958 (includes comments by Heisenberg on Blackett's review of his book 'The Physicist's conception of nature')
J.34	Hide, R.	1966-71
J.35	Hill, A.V.	1940, 1960, 1974

Includes: Letter dated 12 August 1940, asking Blackett to act as adviser to General Pile, A.A. Command.

The letter opens: 'Apparently it was a case of love at first sight. After Pile, Newton and I had left the meeting last Friday Pile said to me that the obvious man for his job was you. I agree: it was clever of him to spot it in 3 minutes conversation. Is it conceivably possible you could take it on? It would be a very interesting job, and with all the knowledge you already have it would give you great scope to be useful. You would have a very free hand: and you ought to have a younger man (like Alan Hodgkin) as an understudy. You would be able to do for the A.A. Command what Tizard ought to have been given a chance to do for the RAF'.

J.35 continued

Section J - Correspondence

J.35
continued

The date and wording of this letter confirm 9 August as the most probable date for the meeting (see Lovell, Memoir, p.56).

See also D.83.

The Minutes of the 13th meeting of the Anti-Aircraft and Coastal Defence Committee of 22 August 1940 identify Blackett's name as 'A.A. Command', see D.54.

Letter re Tizard, April 1960, in which Hill states: 'How much easier things could have been had he had cooperation and not jealousy and obstruction. I am pretty sure myself that the difficulties and delays about Tizard's mission to America in the autumn of 1940 were due to the same cause' [i.e. opposition by Cherwell].

2 letters, January 1974, of wartime recollections.

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| J.36 | Himsworth, H.P. | 1964 |
| J.37 | Hofstadter, R. | 1964-65 |
| J.38 | Hopkins, H.H. | 1953-67 (with related printed matter and background material) |
| J.39 | Hu, C-S. | 1940, 1945 (includes a letter from C.N. Chou, 1944) |
| J.40 | Huxley, J.S. | 1964 |
| J.41 | Institute of Physics and The Physical Society | 1962, 1973 |
| | Includes: Blackett's election as Honorary Fellow, 1962.
Request for article for Centenary <u>Physics Bulletin</u> , 1973.
Copy of Report on postgraduate training of physicists, published by the Institute in 1960, with annotations and comments by Blackett. | |
| J.42 | Jackson, W. | 1966, 1967 |

Section J - Correspondence

J. 43	Japolsky, N.S.	1971
	Jenks, F.G.	1973
	Jessel, R.	1949 (on infantry casualties 1944-45)
	Jones, A.	1965

J. 44	Jones, R.V. and others	1960-63
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Correspondence, notes and printed matter, mainly on the 'Tizard-Cherwell controversy' on the strategic air offensive, arising from C.P. Snow's Godkin Lectures at Harvard on 'Science and Government'.

Reference is also made to the previous quarrel between Tizard and Cherwell in July 1936, which led to the dissolution and subsequent re-constitution of the 'Tizard Committee'.

Includes: Correspondence exchanged between Blackett and Jones on the above controversies, and on the organisation of science, April 1960-February 1963.

Correspondence with C.P. Snow re his Godkin Lectures, August-September 1960.

Copy of letter to The Times by J.D. Bernal, on his and Zuckerman's study of effects of German bombing of British cities, April 1961.

Letter from J.R.M. Butler, on discrepancies between Blackett's accounts and Cherwell's paper on bombing policy, May 1961.

Correspondence with G.D.A. MacDougall, to accompany his review (enclosed) of C.P. Snow's 'Science and Government', and re effects of bombing policy, June 1961.

Letter from A.N. Frankland, on bombing policy, November 1961.

Photocopy of draft of Jones's reply to Snow, annotated by Blackett, December 1962.

Copy of The Oxford Magazine, 9 May 1963, in which the above appears as 'Lord Cherwell's Judgement in World War II', pp.279-286.

Misc. ms. notes and calculations by Blackett.

See also J.63, J.107, and under Tizard in the Index of correspondents.

Section J - Correspondence

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| J.45 | Jukes, J.A. | 1964 |
| J.46 | Kapitza, P.L. | 1966, 1971, 1973, 1974 |
| | Mainly personal and social correspondence. | |
| | Includes telegram sent from Moscow 8 January 1962: 'Landau met with a bad motor accident please send immediately by plane special uricum against oedema of brain for intramuscular injections in ampoules heavy brain concussion'. Landau did not fully recover his faculties after this accident and died in 1968. For a fuller account, see Kapitza's Memoir of Landau, <u>Biographical Memoirs of Fellows of the Royal Society</u> , <u>5</u> , 1969, p.143. | |
| J.47 | Kappel, J.W. | 1965 |
| | Kapur, B.D. | 1966 |
| J.48 | Kennedy, W.Q. | 1965 |
| J.49 | Kennet (Wayland Young) | 1964 (Blackett's carbon only) |
| | Kurti, N. | 1965 |
| | Lenoski, G. | 1973 (request to discuss Blackett's activities as adviser to Ministry of Technology - refused) |
| J.50 | Liddell Hart, B.H. | 1954, 1958 (on defence writings and lectures by Blackett) |
| J.51 | Liddle, P.H. | 1973 (on Sunderland Polytechnic Archives of the First World War) |
| J.52 | MacEwan, L. | 1933 |
| | Maddock, I. | 1970, 1973 |
| J.53 | Maddox, J.R. | 1972-73 |
| J.54 | Markham, H.V. | 1945 (Blackett's carbon only, on his departure from the Admiralty, and the work of Naval Operational Research, September 1945) |
| | Martin, B.K. (Kingsley) | 1950 (on Union of Democratic Control) |
| | Martin, D.C. | 1950 |

Section J - Correspondence

J.63 Piel, G. 1960-72

Piel was publisher at Scientific American, for whom Blackett wrote various articles and reviews in the 1960s.

Matters dealt with in the correspondence include:

Blackett's review of C.P. Snow's Godkin Lectures on 'Science and Government' (Scientific American, April 1961) (R.S.89) which did much to precipitate the controversy in the correspondence with R.V. Jones and others. A copy of the review is included. See J.44.

'Steps toward Disarmament' (a shorter version of 'The Real Road to Disarmament', New Statesman, 1962) published in Scientific American, April 1962 (R.S.98). See F.68, F.69.

Requests for Blackett to write articles on rock magnetism for the journal, 1963.

Possible article on detection of underground explosions (with letters from E.C. Bullard, J.D. Cockcroft), 1965.

Publication of Blackett's 1961 and 1962 articles as a separate book 'Science, Conflict and Society', 1969.

See also J.107.

J.64 Plaskett, H.H. 1948

J.65 Polanyi, M. 1939, 1941, 1942

J.66-J.72 The Pugwash Conferences on Science and World Affairs, 1959-71.

Correspondence and papers on the affairs of Pugwash, scheduling of conferences and informal meetings, finances and appeals, composition of committees and delegations, draft proposals and memoranda, etc. The acronym COSWA is sometimes used in the correspondence.

J.66 1959 Includes Blackett's annotations on a draft proposal for a Pugwash Conference on 'Science pure and applied in economic development'.

J.67 1961 re conferences and discussion meetings in Moscow, Colorado, Stowe (Vermont), Cambridge, London; includes proposal for a conference on 'Human potentialities for peace'.

Section J - Correspondence

- J.68 1962 re conferences and discussion meeting at Cambridge, funding and appeals. Includes correspondence with H. Bhabha, V. Sarabhai.
- J.69 1963 re conferences at Dubrovnik, Udaipur.
- J.70 1964-66 re conferences at Rome, International Summer School on Disarmament and Arms Control, Frascati, Sweden, Oxford (1972).
- J.71 Correspondence with N.F. Mott re affairs of Pugwash, 1961-64.
- J.72 Committee papers and printed matter, memoranda, lists of members, mainly re the British Advisory Committee (later the British Pugwash Group), 1959, 1961-66.

Includes 10 pp. note on the general history, purposes and prospects of Pugwash (with ms. annotations by Blackett), written after conference in Cambridge, September 1962.

For various talks and lectures by Blackett at Pugwash Conferences, see F.66, F.72-74, F.75, G.104.
- J.73 Robinson, E.A.G. 1967, 1973
- J.74 Rolph, C.H. (C.R. Hewitt) 1971 (on material for his biography of Kingsley Martin)
- J.75 Rosbaud, P. 1959
- J.76 Rossi, B. 1965
- J.77-J.92 The Royal Society 1942-73

General correspondence relating to the Society, its organisation and elections, with some background material, reports, memoranda and notes.

The folders for 1965-70 also include notes and papers assembled by Blackett for Council and Committee meetings during his Presidency.

14 folders as follows:
- J.77 1942 (Election of Enrico Fermi as Foreign Member)
- J.78 1945 Misc. correspondence and memoranda on the organisation of the Society and the selection of the President.
- J.79 1960-61

Section J - Correspondence

J.80	1962, 1966	
J.81	1968	annotated printed material
J.82	1968	President's notes, papers and correspondence
J.83	1968	Correspondence
J.84	1969	Correspondence
J.85	1969	Statute 12
J.86	1969	President's notes and papers
J.87	1970	Correspondence
J.88	1970	President's notes and papers
J.89	1971-72	Correspondence
J.90	1973	Correspondence
J.91, J.92	Misc. shorter correspondence exchanged with staff of the Royal Society <u>re</u> meetings, reports, library books, etc.	
	J.91	1971
	J.92	1972-73
J.93	Saraceno, P.	1965
	Shoenberg, D.	1964
J.94	Schrödinger, E.	1934, 1938, 1945, 1949 (letter of 1938 contains an account of Schrödinger's current scientific interests, and reflections on the political and military situation)
J.95	Sitte, K. and others	1954-65 (includes photograph)
J.96	Sneed, G.C.	1965 (on teaching of engineering in schools)
	Snow, C.P.	1965 (Blackett's carbon only, accompanying and giving the history of his writings on a Ministry of Technology)
	Sorley, R.S.	1945
	Stehbens, W.E.	1965

Section J - Correspondence

J.97

Sullivan, W.

1973

Correspondence re Sullivan's projected book on plate tectonics.

Includes photocopies of correspondence, December 1930-January 1931, exchanged between Einstein and William Barrett who had postulated a relation between the magnetic and rotational fields of the earth.

Blackett's letter of September 1973 gives an account of his own involvement in a similar hypothesis, as follows:

'Several years ago I thought that this was a plausible theory and I did a lot of experimental work to find out whether there was such a relationship. In fact all my work in this field proved wrong.

If you want to recover what many of us thought in the early 1930's then you might read my article in Nature ("The Magnetic Field of Massive Rotating Bodies", Nature Vol.159, May 17, 1947) about the hypothetical relationship between the magnetic and rotational fields. Further when it was shown that the earth's magnetic field reverses several times in a million years at the same time at all places on the earth's surface it was clear that the earth's field must be originating from the dipole of an atom.

What a lot has happened since we met. I was very sad when all my thoughts and work on the rotation body proved false. However there were several very important conclusions: firstly, the proof of the reversal of the magnetic field sets enormous problems on the motion of the earth core. Then the view was that there exists in the core some very complicated phenomena and that these together in some way create this remarkable phenomenon of reversal of the fields so frequently in geological time. The failure of the experiment on rotational bodies led me to design a magnenometer of great sensitivity and this proved very valuable for the study of the magnetic fields on the earth's mantle. These magnetic studies after several years have played a major part in the development of continental drift and, to use the present jargon, to create a system of geological plates floating near the surface of the earth.'

See A.35, item 10, and Section C.

J.98

Susskind, C.

1966 (on Tizard-Cherwell controversy)

Szilard, Trude

1966 (requesting Blackett to write preface to reprint of Leo Szilard's The Voice of the Dolphins and other stories. The letter bears two affirmative 'ticks' but no reply or ms.)

Section J - Correspondence

- J.99 Swinton, P. (Lord Swinton) 1936
2 letters re the Committee for the Scientific Survey of Air Defence (CSSAD) (The 'Tizard Committee').
The first of these letters (16 July 1936) opens:
'I have your letter of the 15th of July, and I appreciate the way in which you have written to me personally. I should very much like to have a talk to you and to Professor Hill next week ...'
The second letter (3 September 1936) reads:
'I have received the resignations of three of the unofficial members of the Committee for the Scientific Survey of Air Defence. In these circumstances I have no option but to dissolve the Committee as at present constituted.'
The folder includes a press-cutting of a later article by R.W. Clark (1968) stating that the resignation followed immediately on the controversial meeting on 15 July, but this was not the case. Blackett and Hill wrote to express their disquiet but did not resign until August.
- J.100 Taylor, A.J.P. 1954 (on Tizard's role in the development of the atomic bomb)
Taylor, G.I. 1971
- J.101 Thomas, E.G. 1961, 1971
- J.102 Thomas, H. 1971
Thompson, E.H. 1965
- J.103 Thomson, F.P. and others 1973 (re A.D. Blumlein)
- J.104 Thomson, G.P. 1941

Correspondence re the Maud Committee, of which Thomson was Chairman, July-August 1941.

Blackett's letter (28 July 1941) sets out his dissent from the Committee's view on the feasibility of a uranium bomb, on grounds of siting, danger and technical difficulties. Thomson's autograph reply (31 July) answers the objections and discusses the matter further.

See M.M. Gowing, Britain and Atomic Energy, 1939-45, 1964.

P.B. Moon, Biographical Memoirs of Fellows of the Royal Society, 23, 1977, pp.541-545.

Section J - Correspondence

J.105

Tizard, H.T.

Correspondence of various dates as follows:

Letter from Tizard to all members of Committee for Scientific Survey of Air Warfare, 26 June 1940, resigning as Scientific Adviser to the Chief of the Air Staff, and as Chairman of the Committee.

In this letter Tizard states: 'With the change of Government matters have become worse in this respect, not better. There are too many advisers and too much conflicting advice; responsibilities are not clear cut, and in consequence action is slow ... I have therefore resigned my post as Scientific Adviser, and as Chairman of the Committee, I have also told the Secretary of State that I do not think that the Committee can continue to be of much help unless there is a change in the organisation.'

Also included is the ms. draft of Blackett's letter to Archibald Sinclair (Secretary of State for Air), resigning from the Committee ('I am in entire agreement with Sir Henry Tizard that the Committee cannot function usefully under the present conditions') and arguing strongly for Tizard to be given 'a position of high executive authority in relation to the development (sic) and operational trials of new weapons', 30 June 1940; and letter from Sinclair accepting resignation 'with great regret'.

The terms of both Tizard's and Blackett's letters make clear that it was the formation of Churchill's Government, and the increased influence of Cherwell, which led to the resignations, and the end of the Committee.

2 letters, July (1 p. only) and August 1943.

1 letter, March 1945.

Correspondence, September 1958, on atomic weapons.

J.106

Waterman, A.T. 1965

Weiss, C. 1972

Westcott-Lewis, M.J. 1972

Section J - Correspondence

- J.107 Willett, J. 1961
- Invitation to Blackett to review C.P. Snow's Godkin Lectures on Science and Government for Times Literary Supplement. In his reply Blackett explains his plans for a major review-article in the Scientific American, to include 'quite a bit of additional history of which I am one of the few people who have personal knowledge'.
- See also J.44, J.63.
- J.108 Williams, E.J. 1931, 1945
- J.109 Williams, O. 1972 (on Amnesty International)
- Williams, S. 1971 (on Wyndham Place Trust)
- J.110 Wilson, J.H. (Sir Harold Wilson) 1962-68
- Personal and political correspondence, arrangements for meetings, comments on papers and reports by Blackett, etc.
- Includes: Wilson's letter of 10 October 1963 thanking Blackett for attending the Labour Party Conference at Scarborough: 'It was a great thrill to have you there and ... you know - or should - how much all that was achieved then and will be achieved, derives from your inspiration and advice'.
- Wilson's letter of 30 October 1964 re the General Election and Blackett's position as Vice-Chairman of the Advisory Council.
- Correspondence of November 1968 in which Blackett was offered, and accepted, a Life Peerage, which he had rejected five years previously.
- J.111 Wolfers, A. 1964
- J.112 Wright, W.D. 1971
- Wynn, A.H.A. 1971
- J.113 Ziman, J.M. 1974
- Zuckerman, S. 1971 (brief social correspondence)

Section J - Correspondence

J.114-J.116 Correspondence with editors and publishers

Mainly requests for articles or short pieces for publication, usually declined by Blackett.

The material is in alphabetical order of the publishing house, and the correspondents are indexed.

- | | | |
|-------|------------------------------------------------------------------------|---------|
| J.114 | Cassell and Company (<u>re</u> forthcoming book by Vannevar Bush) | 1971 |
| | Encyclopaedia Britannica (biography of Lord Rutherford) | 1971 |
| | Hulton Press (nuclear situation) | 1973 |
| | Macmillan (nuclear physics) | 1971 |
| | <u>The Nation</u> (disarmament) | 1971 |
| | <u>New Scientist</u> ('Futures') | 1971 |
| J.115 | North-Holland Publishing Company (<u>Research Policy</u>) | 1971-72 |
| | <u>Nova</u> | 1973 |
| | Pergamon Press (<u>Progress in Disarmament and Arms Control</u>) | 1966 |
| J.116 | <u>Science Journal</u> | 1965 |
| | <u>Sunday Times</u> (Blackett's review of R.W. Clark's <u>Tizard</u>) | 1965 |
| | Includes proof of article, with ms. revisions. | |

Section J - Correspondence

J.117-J.118 Correspondence with radio and television producers

Mainly re programmes in which Blackett appeared, or on which he gave advice.

The material is in alphabetical order of the company, and the correspondents are indexed.

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|-------|---------------------------------------------------------------------------------------------------------------|------------------|
| J.117 | Anglia Television | 1971 |
| | (arrangements for biographical interview; a copy of this is held at the National Film Archive; see also A.32) | |
| | British Broadcasting Corporation | 1965, 1971, 1972 |
| | (interview 1965, advice on Rutherford 1971, Bronowski's 'Ascent of Man', 1972) | |
| J.118 | Thames Television | 1971 |
| | Westward Television | 1971-72 |
| | (on documentary 'Battle over the Atlantic', on Coastal Command) | |

Section J - Correspondence

J.119-J.144 References and appointments

J.119 Astronomer Royal 1971

J.120 Universities

Brasilia 1964

Cambridge 1964

Hong Kong 1966

Manchester 1965

J.121 Universities

New South Wales 1966

Nottingham 1966

Oxford 1964

St. Andrews 1966

Sussex 1966

J.122-J.144 Personal references and appointments

J.122	A	J.134	M
J.123	B	J.135	M
J.124	B	J.136	M - N
J.125	C	J.137	O - P
J.126	C	J.138	R
J.127	C - D	J.139	R
J.128	E - F	J.140	R
J.129	G	J.141	R
J.130	G	J.142	S
J.131	H - I - J	J.143	T - U
J.132	K - L	J.144	W
J.133	L - M		

Section J - Correspondence

J.145-J.149 Misc. shorter correspondence 1964-74

Requests for meetings, brief exchanges of information, social or personal greetings, Blackett's letters of congratulation or condolence to others, etc. Not itemised or indexed.

5 folders in date order:

J.145	1964-65
J.146	1966-67
J.147	1971
J.148	1972
J.149	1973-74

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|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| J.150 | Invitations to lecture
Not itemised or indexed. | 1957, 1970-72 |
| J.151 | Shorter correspondence on publications, requests for reprints, permission to quote, etc. | 1966-73 |
| J.152 | Brief correspondence with publishers, editors and authors to accompany complimentary copies of publications, reports and documents sent to Blackett. | |
| J.153 | Misc. social invitations, with Blackett's replies. | 1970-73 |
| J.154, J.155 | Requests for support, from scientific, academic, humanitarian organisations, or from individuals. 2 folders. | |
| J.156 | Requests for autographs and photographs. | |
| J.157 | Brief correspondence with scientists or members of the general public about their work or theories. | 1971-74 |
| J.158 | Letters and material from eccentrics. | |

CONSPECTUS

Pp.348-355 contain a conspectus of Blackett's publications as listed in the Bibliography of Lovell, Memoir, and the principal items in the catalogue to which they refer. Only the more extended references (to research, publication or reception of work and ensuing correspondence) are given, minor allusions in letters, requests for reprints, etc. being omitted.

Pp.356-360 contain a photocopy of the Bibliography of Lovell, Memoir; it is reproduced here by permission in order to enable users of the Conspectus to identify the full titles of works elsewhere referred to in the form RS...

Number in Royal Society Memoir	Reference to folders or items in this catalogue
R.S.1	B.2, B.3, B.28, B.64
R.S.2	B.22, B.24, B.64, B.133
R.S.3	B.4, B.9, B.23, B.26, B.27, B.62, B.64
R.S.4	
R.S.5	B.10-B.12
R.S.6	B.8, B.17, B.29, B.62, B.63, B.145-B.147
R.S.7	B.13
R.S.8	
R.S.9	B.13, B.14, B.15
R.S.10	
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R.S.15	B.17, B.18
R.S.16	B.19, B.20, B.26-B.30, B.145-B.147
R.S.17	
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R.S.20	B.65, B.66

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R.S.21	
R.S.22	B.134, B.138
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R.S.24	B.65, B.66, B.138
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R.S.26	
R.S.27	
R.S.28	B.134, B.138
R.S.29	B.33, B.111
R.S.30	B.34, B.85
R.S.31	
R.S.32	H.1
R.S.33	
R.S.34	
R.S.35	B.84, B.144
R.S.36	
R.S.37	B.90, B.91
R.S.38	B.84, B.104
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R.S.40	B.136-B.138

Number in Royal Society Memoir	Reference to folders or items in this catalogue
R.S.41	B.35-B.37
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R.S.47	
R.S.48	B.87
R.S.49	
R.S.50	
R.S.51	B.87, B.90
R.S.52	E.19
R.S.53	
R.S.54	B.69, B.70, B.140, C.1-C.4
R.S.55	H.18-H.23
R.S.56	B.69, B.70, B.74, B.139, B.142, C.9-C.12, C.17
R.S.57	H.29-H.41
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R.S.59	B.102
R.S.60	B.115, C.17, C.18

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R.S.61	C.19, C.20
R.S.62	B.141
R.S.63	B.40, B.55, B.95, B.104
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R.S.65	D.59, D.105
R.S.66	B.38, B.39, B.113
R.S.67	B.55, B.112, B.114
R.S.68	
R.S.69	H.51
R.S.70	B.38, B.39, B.108, B.113
R.S.71	C.87-C.90
R.S.72	C.79-C.83, C.87-C.90, C.91-C.92, C.193
R.S.73	H.53-H.56, J.15
R.S.74	H.57-H.73
R.S.75	F.60
R.S.76	B.125
R.S.77	H.78-H.80
R.S.78	G.60
R.S.79	C.101, C.107, C.206
R.S.80	

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R.S.81	
R.S.82	
R.S.83	H.83-H.88
R.S.84	G.96
R.S.85	
R.S.86	G.63
R.S.87	
R.S.88	C.106-C.124
R.S.89	J.44, J.63, J.107
R.S.90	C.97, C.207, G.102-G.103
R.S.91	D.84, D.101-D.102, H.93-H.95
R.S.92	D.86, D.101-D.102, H.93-H.95
R.S.93	D.103, H.93-H.95
R.S.94	F.53, H.93-H.95
R.S.95	H.93-H.95
R.S.96	H.93-H.95
R.S.97	D.109, H.93-H.95
R.S.98	F.68-F.69, H.93-H.95, J.63
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Number in Royal Society Memoir	Reference to folders or items in this catalogue
R.S.101	G.67
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R.S.105	H.110
R.S.106	H.113
R.S.107	G.120-G.121
R.S.108	H.119
R.S.109	C.217
R.S.110	H.124
R.S.111	H.120
R.S.112	H.118
R.S.113	H.134
R.S.114	G.12-G.16, G.69
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R.S.124	G.74
R.S.125	H.150
R.S.126	H.151
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Reproduced by permission from Biographical Memoirs
of Fellows of the Royal Society, 21, 1975, 108-113

- (1) 1922 On the analysis of α -ray photographs. *Proc. R. Soc. Lond. A* 102, 294.
- (2) 1923 A note on the natural curvature of α -ray tracks. *Proc. Camb. phil. Soc.* 21, 517.
- (3) The study of forked α -ray tracks. *Proc. R. Soc. Lond. A* 103, 62.
- (4) 1924 Angular momentum and electron impact. *Proc. Camb. phil. Soc.* 22, 56.
- (5) 1925 (With J. FRANCK) Anregung von Spektren des Wasserstoffs durch Elektronenstoss. *Z. Phys.* 34, 389.
- (6) The ejection of protons from nitrogen nuclei, photographed by the Wilson method. *Proc. R. Soc. Lond. A* 107, 349.
- (7) 1927 (With E. P. HUDSON) The elasticity of the collisions of α -particles with hydrogen nuclei. *Proc. R. Soc. Lond. A* 117, 124.
- (8) The limits of classical scattering theory. *Proc. Camb. phil. Soc.* 23, 698.
- (9) An automatic cloud chamber for the rapid production of α -ray photographs. *J. scient. Instrum.* 4, 433.
- (10) 1929 On the automatic use of the standard Wilson chamber. *J. scient. Instrum.* 6, 184.
- (11) On the design and use of a double camera for photographing artificial disintegrations. *Proc. R. Soc. Lond. A* 123, 613.
- (12) 1930 (With E. K. RIDEAL) Measurement of relative specific heats of gases at high temperatures. *Nature, Lond.* 125, 816.
- (13) (With P. S. H. HENRY) A flow method for comparing the specific heats of gases. II. The theory of the method. *Proc. R. Soc. Lond. A* 126, 333.
- (14) (With P. S. H. HENRY & E. K. RIDEAL) A flow method for comparing the specific heats of gases. I. The experimental method. *Proc. R. Soc. Lond. A* 126, 319.
- (15) 1931 (With F. C. CHAMPION) The scattering of slow α -particles by helium. *Proc. R. Soc. Lond. A* 130, 380.
- (16) 1932 (With D. S. LEES) Further investigations with a Wilson chamber. II. The range and velocity of recoil atoms. *Proc. R. Soc. Lond. A* 134, 658.
- (17) On the loss of energy of α -particles and H-particles. *Proc. R. Soc. Lond. A* 135, 132.
- (18) (With D. S. LEES) Investigations with a Wilson chamber. I. On the photography of artificial disintegration collisions. *Proc. R. Soc. Lond. A* 136, 325.
- (19) 1932 (With D. S. LEES) Further investigations with a Wilson chamber. III. The accuracy of the angle determinations. *Proc. R. Soc. Lond. A* 136, 338.
- (20) (With G. P. S. OCCHIALINI) Photography of penetrating corpuscular radiation. *Nature, Lond.* 130, 363.
- (21) 1933 Cosmic radiation. *Q. Jl R. met. Soc.* 59, 217. (Summarized in *Observatory* 56, 122.)
- (22) (With J. CHADWICK & G. P. S. OCCHIALINI) New evidence for the positive electron. *Nature, Lond.* 131, 473.

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- (23) Inaugural address, Birkbeck College, 2 November 1933. *Nature, Lond.* **132**, 741.
- (24) The positive electron. *Nature, Lond.* **132**, 917.
- (25) The craft of experimental physics. *University Studies* (ed. Harold Wright). London: Nicholson & Watson.
- (26) (With G. P. S. OCCHIALINI) Some photographs of the tracks of penetrating radiation. *Proc. R. Soc. Lond. A* **139**, 699.
- (27) 1934 Cosmic radiation. (Royal Institution Evening Discourse.) *Proc. R. Instn Gt Br.* **28**, 312.
- (28) (With J. CHADWICK & G. P. S. OCCHIALINI) Some experiments on the production of positive electrons. *Proc. R. Soc. Lond. A* **144**, 235.
- (29) On the technique of the counter controlled cloud chamber. *Proc. R. Soc. Lond. A* **146**, 281.
- (30) 1935 The absorption of cosmic rays. *International conference on physics Vol. I, Nuclear physics*, p. 199. London: Physical Society.
- (31) *La radiation cosmique*. Paris: Hermann & Cie.
- (32) *The frustration of science*, ch. VII. London: Allen & Unwin.
- (33) Zum Ultrastrahlungsproblem. *Phys. Z.* **36**, 773; and *Z. tech. Phys.* **16**, 379.
- (34) 1936 The measurement of the energy of cosmic rays. I. The electro-magnet and the cloud chamber. *Proc. R. Soc. Lond. A* **154**, 564.
- (35) (With R. B. BRODE) The measurement of the energy of cosmic rays. II. The curvature measurements and the energy spectrum. *Proc. R. Soc. Lond. A* **154**, 573.
- (36) *Cosmic rays. The Halley lecture 1936*. Oxford: Clarendon Press.
- (37) 1937 Cosmic radiation (three Cantor lectures). *Jl R. Soc. Arts* **85**, 893, 905, 921. (The first of these three lectures was reprinted in *Scient. Am.* November 1938, p. 246 and in *Smithson. Ann. Rep.* 1938, p. 175.)
- (38) Further measurements of the cosmic ray energy spectrum. *Proc. R. Soc. Lond. A* **159**, 1.
- (39) The energy-range relation for cosmic ray particles. *Proc. R. Soc. Lond. A* **159**, 19.
- (40) (With J. G. WILSON) The energy loss of cosmic ray particles in metal plates. *Proc. R. Soc. Lond. A* **160**, 304.
- (41) 1938 On the instability of the barytron and the temperature effect of cosmic rays. *Phys. Rev.* **54**, 973.
- (42) The nature of the penetrating component of cosmic rays. *Proc. R. Soc. Lond. A* **165**, 11.
- (43) (With J. G. WILSON) The scattering of cosmic ray particles in metal plates. *Proc. R. Soc. Lond. A* **165**, 209.
- (44) High altitude cosmic radiation. *Nature, Lond.* **142**, 692.
- (45) Further evidence for the radioactive decay of mesotrons. *Nature, Lond.* **142**, 992.
- (46) 1939 (With F. C. WILLIAMS) An automatic curve follower for use with the differential analyser. *Proc. Camb. phil. Soc.* **35**, 494.
- (47) *Cosmic rays—the 30th Kelvin lecture. J. Instn elect. Engrs* **85**, 681.
- (48) 1939 Instability of the mesotron and the gravitational constant. *Nature, Lond.* **144**, 30.
- (49) (With B. ROSSI) Some recent experiments on cosmic rays. *Rev. mod. Phys.* **11**, 277.
- (50) 1941 (With A. C. B. LOVELL) Radio echoes and cosmic ray showers. *Proc. R. Soc. Lond. A* **177**, 183.
- (51) Cosmic rays: recent developments—the 24th Guthrie lecture. *Proc. phys. Soc.* **53**, 203.
- (52) 1946 *The atom and the charter*. London: Fabian Publications.

List of publications

- (53) *Science and the welfare of mankind*, p. 21. The Temple Fortune Press.
- (54) 1947 On Pomeranchuk's theory of the radiation by ultra-relativistic electrons in the Earth's magnetic field. Physical Society report on International Conference on *Fundamental particles and low temperatures*, Vol. I, *Fundamental particles*, p. 79.
- (55) Evan James Williams, 1903-45. *Obit. not. Fell. R. Soc.* **5**, 387. (The extract appropriate to operational research is reprinted in *Studies of war* pt 2, ch. 4, p. 235. Edinburgh: Oliver and Boyd, 1962.)
- (56) The magnetic field of massive rotating bodies. *Nature, Lond.* **159**, 658.
- (57) 1948 *Military and political consequences of atomic energy*. London: Turnstile Press.
- (58) A possible contribution to the light of the night sky from the Cerenkov radiation emitted by cosmic rays. Physical Soc. Gassiot Committee Report: *The emission spectra of the night sky and aurorae*, p. 34.
- (59) Cloud chamber researches in nuclear physics and cosmic radiation. (Nobel Lecture, 13 December 1948.) *Nobel lectures: Physics 1942-62*, p. 97. Amsterdam: Elsevier (1964).
- (60) 1949 The magnetic field of massive rotating bodies. *Phil. Mag.* (7) **40**, 125.
- (61) Rotation and terrestrial magnetism. (R.A.S. Geophysical Discussion, 25 February 1949.) *Observatory* **69**, 103.
- (62) Magnetic field of large rotating bodies. (Royal Institution Evening Discourse, 8 April 1949.) *Proc. R. Instn Gt Br.* **34**, 393.
- (63) Cloud chamber studies of penetrating showers. *Nuovo Cim.* (9) **6**, 459.
- (64) 1952 A negative experiment relating to magnetism and the Earth's rotation. *Phil. Trans. R. Soc. Lond. A* **245**, 309.
- (65) 1953 Recollections of problems studied 1940-45. *Brassey's annual 1953*. (Reprinted in *Studies of war*, pt 2, ch. 3, p. 205. Edinburgh: Oliver & Boyd, 1962.)
- (66) 1954 Time variations of cosmic rays. *Rc. Seminar mat. fis. Milano* **24**, 34 (1952-53).
- (67) V-particles and the cloud chamber. *Nuovo Cim.* (9) **11**, 264.
- (68) America's atomic dilemma. *The New Statesman and Nation*, 13 February 1954. British policy and the H-bomb. *The New Statesman and Nation*, **14**, 21 and 28 August 1954. Scientific method and the study of war. *The Listener*, 10 November 1955.
- (69) 1955 Rutherford memorial lecture 1954. *Phys. Soc. Year Book*, p. 13.
- (70) 1956 Cosmic rays and the Sun. *Vistas Astr.* (ed. A. Beer) **2**, 820.
- (71) (With D. J. SUTTON) A new magnetic measuring instrument. Appendix 1 in *Lectures on rock magnetism*. Israel: The Weizmann Press.
- (72) *Lectures on rock magnetism*. (The second Weizmann Memorial Lectures, December 1954.) Israel: The Weizmann Press.
- (73) *Atomic weapons and East-West relations*. (The Lees Knowles Lectures on military science.) Cambridge University Press.
- (74) 1957 Technology and world advancement (Presidential Address to the British Association in Dublin, 4 September 1957). *Advmt Sci. Br. Ass.* **14**, 3. (A shortened version was printed in *The Listener* **58**, 331, 1957.)
- (75) 1958 Atomic heretic. *The Listener*, 11 September, p. 375.
- (76) 1958 The elementary particles of nature. (The Silvanus Thompson Memorial Lecture 1957.) *Br. J. Radiol.* **31**, 1.
- (77) 1959 The Rutherford Memorial Lecture 1958. (McGill University 29 September 1958). *Proc. R. Soc. Lond. A* **251**, 293.
- (78) *The problem of the underdeveloped countries*. (The David Davies Memorial Lecture, November 1959.) David Davies Memorial Institute of International Studies.
- (79) 1960 (With J. A. CLEGG & P. H. S. STUBBS) An analysis of rock magnetic data. *Proc. R. Soc. Lond. A* **256**, 291.

List of publications

- (80) The magnetism of rocks and continental drift. (Fiftieth May Lecture of the Institute of Metals, 29 March 1960.) *J. Inst. Metals* **89**, 113.
- (81) Charles Thomas Rees Wilson. *Biogr. Mem. Fellows R. Soc.* **6**, 269.
- (82) Jean Frédéric Joliot. *Biogr. Mem. Fellows R. Soc.* **6**, 87.
- (83) Tizard and the science of war. (Institute for Strategic Studies, 11 February 1960.) *Nature, Lond.* **185**, 647. (Reprinted in *Studies of war*, pt 1, ch. 8, p. 101. Edinburgh: Oliver & Boyd, 1962.)
- (84) New science or old technology in *Science and the new nations. International conference on science in the advancement of the new states, Rehovoth, Israel*, 16 August 1960. p. 11. London: A. Deutsch (1963).
- (85) 1961 Controlled fusion reactions. (The forty-seventh Thomas Hawksley Lecture, 22 February 1961) *Proc. Instn mech. Engrs* **175**, 39.
- (86) Science and technology and the developing countries. (Tenth Hinchley Memorial Lecture.) *Trans. Instn chem. Engrs* **39**, 299.
- (87) Note on the history of the experimental proof of non-conservation of parity. *Physics to-day* **14**, 86.
- (88) Comparison of ancient climates with the ancient latitudes deduced from rock magnetic data. *Proc. R. Soc. Lond. A* **263**, 1.
- (89) Science and government. *Scient. Am.* April 1961. (Reprinted in *Studies of war*, pt 1, ch. 9, p. 120. Edinburgh: Oliver & Boyd, 1962.)
- (90) 1962 On distinguishing self-reversed from field-reversed rocks. *J. phys. Soc. Japan* **17**, 699.
- (91) Operational research. Document I. Scientists at the operational level. *Advm Sci. Br. Ass.* **5**, 26 (1948). (Reprinted in *Studies of war* pt II, ch. 1, p. 169. Edinburgh: Oliver & Boyd.)
- (92) Operational research. Document II. A note on certain aspects of the methodology of operational research. *Advm Sci. Br. Ass.* **5**, 29 (1948). (Reprinted in *Studies of war* pt II, ch. 1, p. 176. Oliver & Boyd.)
- (93) The scope of operational research. *Opl Res. Q.* **1**, no. 1 March 1950. (Reprinted in *Studies of war*, pt II, ch. 2, p. 199. Oliver & Boyd.)
- (94) The military consequences of atomic energy. (The Sir Halley Stewart Lectures, 1948.) Ch. II of *The atomic age*. London: Allen & Unwin (1949). (Reprinted in *Studies of war*, pt I, ch. I, p. 3. Edinburgh: Oliver & Boyd.)
- (95) Nuclear weapons and defence. *International Affairs* **34**, October 1958. (Reprinted in *Studies of war*, pt I, ch. 5, p. 54. Oliver & Boyd.)
- (96) Thoughts on British defence policy. *The New Statesman*, 5 December 1959. (Reprinted in *Studies of war*, pt I, ch. 7, p. 78. Oliver & Boyd.)
- (97) Operational research and nuclear weapons. *Jl R. Un. Serv. Instn* August 1961. (Another version under the title: Critique of some contemporary defence thinking appeared in *Encounter* April 1961, and in *Studies of war*, pt I, ch. 10, p. 128. Edinburgh: Oliver & Boyd.)
- (98) The real road to disarmament. *The New Statesman*, 2 March 1962. (Reprinted in *Studies of war*, pt I, ch. II, p. 147. Edinburgh: Oliver & Boyd. Also a shorter version: Steps towards disarmament in *Scient. Am.* April 1962.)
- (99) 1962 Science, technology and world advancement. (The Irvine Memorial Lecture at the University of St Andrews, 3 November 1961.) *Nature, Lond.* **193**, 416.
- (100) Organisational problems of scientific research in the universities. *Nature, Lond.* **194**, 721.
- (101) 1963 Address at United Nations Conference on applications of science and technology for the benefit of less developed areas. Geneva, February 1963. *Plenary Proceedings (2nd plenary session)* vol. **8**, pt 1, p. 49.
- (102) 1964 The universities and the nation's crisis. (The British Association Granada Lecture, 8 October 1963.) *Advm Sci. Br. Ass.* p. 379.

List of publications

- (103) Wanted: a wand over Whitehall. *New Statesman* 68, 346.
- (104) 1965 Introduction to 'A symposium on continental drift' (19-20 March 1964). *Phil. Trans. R. Soc. Lond. A* 258, vii.
- (105) 1966 Science, technology and government. *University of Exeter Gazette*, no. 43, p. 3. 1966.
- (106) Education and the trade gap. Tizard Memorial Lecture, Westminster School, 24 February 1966.
- (107) 1967 The ever widening gap. (Address to the Washington meeting of the American Association for the Advancement of Science, 27 December 1966.) *Science, N.Y.* 155, 959.
- (108) 1966 Technology, industry and economic growth. 13th Fawley Foundation Lecture, University of Southampton, 1966.
- (109) Continental drift. (Eighth Hugh Macmillan Lecture to the Institution of Engineers and Shipbuilders in Scotland, 15 February 1966.) *Trans. Instn Engrs and Shipbltrs Scott.* 109, 177.
- (110) 1967 Address at annual luncheon of the Parliamentary and Scientific Committee 16 February 1967.
- (111) Anniversary address, Royal Society, 30 November 1966. *Proc. R. Soc. Lond. A* 296, v.
- (112) The Lunar Society of Birmingham. *Univ. Birmingham Hist. J.* 11, 1.
- (113) 1968 Speech on the occasion of the opening of the new premises at Carlton House Terrace, 21 November 1967. *Notes Rec. R. Soc. Lond.* 23, 5.
- (114) *Science and technology in an unequal world*. (First Jawaharlal Nehru Memorial Lecture, New Delhi, 13 November 1967.) New Delhi: Indraprastha Press.
- (115) Memorandum to the Select Committee on Science and Technology, March 1968.
- (116) Anniversary address, Royal Society, 30 November 1967. *Proc. R. Soc. Lond. A* 303, v.
- (117) 1969 Anniversary address, Royal Society, 30 November 1968. *Proc. R. Soc. Lond. A* 308, v.
- (118) The old days of the Cavendish. (Lecture at meeting of the European Physical Society, Florence 1969.) *Riv. nuovo Cim.* (1), 1, xxxii.
- (119) 1970 Anniversary address, Royal Society, 1 December 1969. *Proc. R. Soc. Lond. A* 314, 285.
- (120) *Reflections on science and technology in developing countries*. (The Gandhi Memorial Lectures, Nairobi, 1969.) Nairobi: East African Publishing House.
- (121) *The gap widens*. (The Rede Lecture, Cambridge, 15 May 1969.) Cambridge University Press.
- (122) *Hansard (House of Lords)*, 308, col. 384.
- (123) 1971 Anniversary address, Royal Society, 30 November 1970. *Proc. R. Soc. Lond. A* 321, 1.
- (124) 1971 *Science, technology and aid in developing countries*. (Third Encyclopaedia Britannica Lecture.) Edinburgh University Press.
- (125) *Hansard (House of Lords)*, 315, col. 184.
- (126) 1972 *Hansard (House of Lords)*, 328, col. 833.
- (127) *Hansard (House of Lords)*, 330, col. 127.
- (128) Rutherford. *Notes Rec. R. Soc. Lond.* 27, 57.
- (129) The rich and poor nations. *Technol. Sci.* 7, 40. Bath University Press.
- (130) 1973 *Aspects of India's development*. (The fourth Nehru Memorial Lecture, 7 December 1971.) The Jawaharlal Nehru Memorial Trust.
- (131) Vikram Sarabhai. Obituary notice. *Proc. 13th Int. cosmic Ray Conference* 5, 3482.

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