

ONE HUNDRED AND SIXTH ANNUAL GENERAL MEETING.

The One Hundred and Sixth Annual General Meeting was held at 12 noon on Thursday, March 20th, 1947, at the Rooms of the Chemical Society, Burlington House, W.1, the President, Professor C. N. Hinshelwood, in the Chair.

The notice convening the meeting was read.

Before the Report of Council was presented for adoption, the meeting on a motion by the President adopted a resolution placing on record the Society's regret at the death of Dr. Alexander Scott, a Past President, the text of which reads as follows :

" The President, Council and Fellows of the Chemical Society learned with profound regret at their meeting to-day of the death on March 10th of their distinguished Past President, Dr. Alexander Scott. They desire to express their high appreciation of his contribution to the Science of Chemistry and to record their indebtedness to him for his devotion to the affairs of the Society. He was a Fellow of the Society for sixty-eight years and was first elected a member of Council in 1897. He became Honorary Secretary in 1899, Treasurer in 1904 and President in 1915. Following his Presidency, Dr. Scott continued to serve the Society as Vice-President from 1917 to 1928 and again from 1930 to 1933.

The Society conveys its deepest sympathy to Mrs. Scott in her great sorrow."

In presenting the Report of Council for 1946, copies of which were available, Dr. Simonsen referred to the increase in the number of papers published during the year and the increase in the size of the *Journal*. He paid tribute to the Society's printers for their co-operation in the face of the very considerable difficulties which confront them. The Council was mindful of the large number of papers awaiting publication, and it was its constant endeavour to have these published as soon as paper and labour shortages could be overcome.

He referred also to the activities of the Publication Committee and the Editor in preparing two publications not mentioned in the report, the *Quarterly Reviews* No. 1 which would be issued in the very near future and the *Annual Reports* for 1946 which were in an advanced state of preparation.

Dr. Simonsen also mentioned the increase in the number of scientific meetings held during the year in London and the Provinces and paid tribute to the Local Representatives for their efforts in strengthening this aspect of the Society's work. He also referred to the gratifying increase in the number of applications for grants from the Research Fund.

The year saw the welcome return of the possibility of international intercourse between chemists, and the Society was able to welcome chemists from the Dominions and India on the occasion of the Royal Society Empire Scientific Conference, and foreign colleagues at a Conference of the Council of the International Union of Chemistry.

Reference was also made to the forthcoming Centenary Celebrations, and it was reported that the Centenary Appeal now stood at over £18,000.

It was explained that it had not been possible in the time available to prepare the Accounts for presentation, and the Annual General Meeting would therefore be adjourned to a later date when the Accounts would be available.

In conclusion Dr. Simonsen paid tribute to the work of Dr. Martin as General Secretary whose resignation on appointment to the Royal Society had been received with regret, and welcomed Mr. L. R. Batten as the new General Secretary. He also expressed the Council's appreciation of the loyal work of the permanent staff of the Society.

In proposing the adoption of the Report of Council, Dr. G. M. Bennett stressed the supreme importance of the Society as the medium for the publication of papers and said that he hoped that the time would come when this work would have increased to such an extent that the Society would require increased financial assistance for the purpose. That such assistance would be necessary would be an indication of the progress being made in fundamental chemical research and would be a worthy effort on the part of the Society as a publishing body. The proposal was seconded by Dr. E. G. V. Percival who expressed pleasure at the close contact between the Society and its Local Representatives and the interest shown and help given by the Council in fostering the work of the Society in provincial centres. The Report was adopted.

The report of the Scrutators on the ballot for a Vice-President who had not filled the office of

President and for Elected Ordinary Members of Council for Constituencies I and IV was presented and it was declared that the following had been elected :—

Vice-President who has not filled the Office of President : Dr. Joseph Kenyon.

Elected Ordinary Members of Council :

Constituency I (South-East England) : Dr. Frances M. Hamer, Dr. Frederick E. King, Dr. Henry N. Rydon.

Constituency IV (North-East England) : Dr. George M. Dyson, Dr. Frank R. Goss.

A vote of thanks to the Vice-Presidents, Treasurer, Honorary Secretaries, Council and Committees for their services during the past year was proposed by Dr. Gillam and seconded by Dr. Goss.

The appointment of Auditors was postponed until the Accounts are presented.

The meeting was then adjourned until a date to be announced when the Accounts of the Society for 1946 would be presented.

The Anniversary Luncheon was held at the Dorchester Hotel, Park Lane, at 1 p.m., the President, Professor C. N. Hinshelwood, presiding. 140 Fellows and Guests attended. The toast of "The Chemical Society" was proposed by the principal guest, Viscount Bennett, President of the Royal Society of Arts. In his reply, the President said that although this was the year of the Centenary Celebrations and no effort was being spared to make these Celebrations a success, nevertheless the Annual Meeting of the Society when the work of the year was reviewed was still important for it was by its everyday activities that the Society ultimately was judged. He referred to the gratifying steady increase in the Fellowship and spoke warmly of the work of the Honorary Officers and of Dr. Martin and the permanent staff, and welcomed Mr. Batten as Dr. Martin's successor.

Before a well-attended afternoon meeting the President delivered his Presidential Address entitled "Some Observations on Present Day Chemical Kinetics". At its conclusion a vote of thanks for his Address with a request that he would allow the Address to be printed in the *Journal* was proposed by Professor Sugden and carried with acclamation.

In the evening some 150 Fellows and friends attended a performance of Ben Jonson's "The Alchemist" staged by the Old Vic Theatre Company.

REPORT OF COUNCIL FOR 1946.

I. CENTENARY CELEBRATIONS.

The Chemical Society is to celebrate in July 1947 the centenary of its foundation. But for the war the Celebrations would have taken place in 1941. The Council appointed a Centenary Celebrations Executive Committee and a number of Sub-Committees to organise the Society's Centenary Celebrations. Preparations are well advanced, and a programme of events has been arranged for three days, July 15th—July 17th, 1947, in London. The Council has noted with satisfaction the offers of assistance from the Society of Chemical Industry and the Royal Institute of Chemistry, and that during the Celebrations the Society will be entertained by His Majesty's Government, the Royal Society, the University of London, Imperial Chemical Industries and others. The Celebrations will be followed by the Eleventh International Congress of Pure and Applied Chemistry, which will be held on July 17th—July 24th, 1947, in London.

Arrangements have been made with the Royal Society of Arts to hold a special joint meeting to commemorate, on February 19th, 1947, the formation of the Chemical Society on February 23rd, 1841. The Lecturer will be Sir Harold Hartley and the subject "A Century of Chemistry".

Sir Robert Robinson, P.R.S., has accepted the invitation of Council to deliver the Faraday Lecture during the Celebrations.

The Council has decided to make an appeal for a Centenary Fund to be used for the promotion of the international intercourse of chemists.

II. FELLOWSHIP.

1. *Fellowship Statistics.* During 1946, 732 Fellows were elected and 29 reinstated, the corresponding figures in 1945 being 581 and 32, respectively. The Society has lost 1 Fellow on active service, 2 reported missing, 61 by death, 80 by resignation and 1 by removal, making a total loss of 145 as against 152 in 1945. The number of Fellows on December 31st, 1946, was 6920. Of these 3086 are joint members of the three Chartered Bodies and 1051 are joint members of the Chemical Society and Society of Chemical Industry alone. Of those who became joint members of the three bodies in 1946, 297 are new Fellows of the Chemical Society and of those who became joint two-body members 154 are new Fellows. The number of joint members of the three bodies has increased during the year by 327, the number of joint members of the two bodies by 153, and the number of single-body Fellows has increased by 94.

2. *Joint Student Facilities.* During 1946, 42 persons have been granted joint student facilities by the two publishing societies under the Chemical Council scheme.

3. *Honours.* The congratulations of the Society were conveyed to the following Fellows who received during the year the honours indicated :

Professor E. C. Baughan, O.B.E.	Dr. R. P. Linstead, C.B.E.
Mr. R. B. Bourdillon, C.B.E.	Professor A. K. Macbeth, C.M.G.
Mr. P. H. Carpenter, C.I.E.	Dr. A. Parker, C.B.E.
Dr. H. J. Channon, C.M.G.	Mr. J. D. Pratt, C.B.E.
Professor W. M. Cumming, O.B.E.	Mr. S. J. Saint, C.M.G.
Mr. W. A. Damon, C.B.E.	Dr. J. H. Schulman, O.B.E.
Dr. A. Forster, O.B.E.	Dr. E. W. R. Steacie, O.B.E.
Professor W. E. Garner, C.B.E.	Dr. T. W. J. Taylor, C.B.E.
Dr. R. N. Garrod-Thomas, C.B.E.	Dr. H. A. Tempany, Knight Bachelor.
Dr. C. F. Goodeve, Knight Bachelor.	Dr. W. H. J. Vernon, O.B.E.
Mr. A. T. Green, O.B.E.	Brigadier O. H. Wansbrough-Jones, O.B.E.
Professor I. M. Heilbron, Knight Bachelor.	Dr. J. R. H. Whiston, O.B.E.
Mr. H. Jephcott, Knight Bachelor.	Mr. E. S. Whitworth, B.E.M. (Military Division).
Professor H. D. Kay, C.B.E.	
Professor J. E. Lennard-Jones, K.B.E.	

The Council also conveyed congratulations to Sir Alfred C. G. Egerton on his receiving the Rumford Medal of the Royal Society and to Professor C. K. Ingold on his receiving the Davy Medal of the Royal Society.

4. *Deaths.* The Council learned with profound regret of the death of four Honorary Fellows, Professor A. Béhal, Professor E. J. Cohen, Professor G. N. Lewis, and Professor F. A. H. Schreinemakers.

The Council heard with sorrow of the death on October 28th of Professor Percy F. Frankland who was President of the Society from 1911 to 1913.

III. PUBLICATIONS.

Owing to the shortage of labour at the printers it has not been possible to ensure prompt issue of the Society's publications during 1946. The position has not been improved through shortage of fuel, whereby night shifts have, in many cases, not been possible. It is hoped that some improvement may be effected in the coming year.

1. *The Journal.* During the year, 453 scientific communications were received (compared with 347 in 1945), of which 7 were declined and 1 withdrawn.

The *Journal* for the year occupied 1175 pages (compared with 930 for 1945). It comprised 314 items (compared with 276 for 1945), made up as follows :

Papers (General, Physical, and Inorganic)	51
" (Organic)	206
Notes	21
Lectures	6
Presidential Address	1
Obituary Notices	27
General Physical Constants	1
Annual General Meeting and Report of the Bureau of Abstracts	1

The Scientific communications published during the year included contributions from Australia (8), New Zealand (4), South Africa (2), Argentina (1), Egypt (7), France (3), India (1), Norway (1), Palestine (1), Sudan (1), and Switzerland (1).

2. *Annual Reports.* Owing to circumstances outside the control of the Society, it was not possible to publish the Annual Reports for 1945 (Vol. XLII) until after the end of 1946.

IV. MEETINGS.

1. *Scientific Meetings.* The Society has held 12 Scientific Meetings in London during 1946. These included 5 lectures and 2 organised discussions. At the other 5 meetings 10 papers were read and discussed.

65 Meetings were held outside London, these included 58 lectures, 1 discussion, 5 meetings for the reading of papers and 1 scientific film display. Of these meetings, 40 were held jointly with local sections of other bodies.

Three official Scientific Meetings were held outside London at Glasgow, at Oxford, and at Edinburgh.

Of special interest was Professor H. C. Urey's visit to this country to deliver the eleventh Liversidge Lecture.

A complete list of meetings is given in Appendix B.

2. *Anniversary Meeting.* A report of the Anniversary Meeting held in Birmingham on April 25th appeared in the *Journal* for May.

This consisted of the 105th Annual General Meeting and Presidential Address, a presentation to Mr. S. E. Carr, formerly General Secretary of the Society, and a reception and luncheon by the University of Birmingham. The cordial thanks of the Council were conveyed to the University authorities and to those responsible for the admirable arrangements that were made.

V. LIBRARY.

The Annual Report of the Joint Library Committee for 1946 appears as Appendix A.

VI. OTHER ACTIVITIES.

1. *Advisory Committee on the Dyson System for Cipherring Chemical Compounds.* During the year proposals by Dr. G. M. Dyson on a new method of cipherring chemical compounds were brought before the Council. An advisory committee under the Chairmanship of Professor A. R. Todd was appointed to examine the proposals, and on the receipt of this report Council asked the International Union of Chemistry to consider Dr. Dyson's proposals at the meeting of the Union to be held in London in July 1947.

The Chemical Society, the Royal Institute of Chemistry, the Society of Chemical Industry, and the Bureau of Abstracts made arrangements to enable Dr. Dyson to describe his proposals at a joint meeting of these bodies on October 21st, 1946. This lecture has been published, and through the generosity of the Royal Institute of Chemistry was made available free of charge to all Fellows of the Society.

2. *Gmelin Handbook.* In November the Council of the Society decided to give scientific support through the Control Commission for Germany to the re-commencement of the Gmelin Handbook.

3. *Visits of Overseas Chemists.* During the summer the Society welcomed chemists who were attending the Royal Society Empire Scientific Conference (June 21st) and members of the Council and Bureau of the International Union of Chemistry (July 25th).

4. *Grants for Research.* During the year Council authorised the payment of research grants amounting to £522 to 30 applicants.

VII. ADMINISTRATION.

1. *Personnel of Council.* At the Annual General Meeting on the 25th April, the following elections were made :—

President	Professor C. N. Hinshelwood.
Vice-Presidents	Dr. R. P. Linstead and Professor S. Sugden.
Honorary Secretaries	Professor D. H. Hey and Dr. J. L. Simonsen.
Ordinary Members of Council	Dr. J. F. J. Dippy, Dr. S. H. Harper, Dr. F. G. Mann, and Dr. C. W. Shoppee.

The retirement of Dr. G. M. Bennett from the office of Honorary Secretary was noted with special regret, and warm appreciation was expressed for his very valuable services to the Society during his term of office, which covered the whole period of the war.

The Council received with regret at their October meeting the resignation of Dr. R. J. W. Le Fèvre from the office of Elected Ordinary Member of Council on his appointment as Professor of Chemistry at the University of Sydney, Australia. The Council invited Dr. F. E. King to fill the vacancy until the next Annual General Meeting.

2. *Local Representatives.* During the year the Council have accepted with much regret a number of resignations from the office of Local Representative. The Council have expressed their thanks to those retiring from office for the valuable services they had rendered to the Society, and have made the following appointments :—

<i>Aberdeen.</i>	Dr. J. M. C. Thompson in place of Mr. T. H. Reade.
<i>Cambridge.</i>	Dr. B. Lythgoe " Dr. F. S. Dainton.
<i>Glasgow.</i>	Dr. J. D. Loudon " Dr. J. Bell.
<i>Liverpool.</i>	Mr. L. A. Haddock and " Dr. A. McGookin.
	Dr. W. B. Whalley " Dr. G. H. Christie.
<i>Newcastle.</i>	Dr. Wesley Cocker " Dr. Wesley Cocker.
	Dr. F. L. Robinson " Mr. R. P. Bell.
<i>Oxford.</i>	Dr. F. E. King " Dr. Brynmor Jones.
<i>Sheffield.</i>	Dr. A. H. Lamberton " Dr. S. H. Harper.
<i>Souhampton.</i>	Dr. K. R. Webb "

3. *General Secretary.* The Council received with regret the resignation of Dr. D. C. Martin, General Secretary, on his appointment as the Assistant Secretary to the Royal Society. Arrangements were made to retain Dr. Martin's part-time services until the appointment of a successor.

VIII. FINANCE.

1. *Investments.* The following alterations to the Society's investments have been made during the year :—

- £150 standing to the credit of Life Composition Fees in General Account, invested in 2½ Savings Bond 1964—1967.
- £1200 on General Account, proceeds of the repayment of £1200 Leeds Corporation 3% Stock, reinvested in 2½% Defence Bonds.
- £1612 10s. 2d. 2½% National War Bonds 1945—1947 on Special Reserve Fund was redeemed and reinvested in 2½% Savings Bonds 1964—1967.
- £5863 11s. 7d. 2½% National War Bonds 1946—1948 on Special Reserve Fund converted into 2½% Savings Bonds 1964—1967.
- £2100 2¼% National War Bonds 1946—1948 on Staff Pensions Fund converted into 2½% Savings Bonds 1964—1967.

Authority was also given for the conversion of :—

- £3825 1s. 6d. 3% Local Loans on General Purposes Account into 2½% Treasury Stock 1975, or after.
- £4741 4s. 10d. 3% Local Loans on Research Fund Account into 2½% Treasury Stock 1975, or after.
- £3344 3s. 4d. 3% Local Loans on Publications Fund into 2½% Treasury Stock 1975, or after.
- £1520 14s. 3d. Cardiff Corporation 3% Redeemable Stock 1914—54 on General Account into Cardiff Corporation Redeemable Stock 1966—1971 at £99 per cent.

The following stock was redeemed and not reinvested :—

£391 17s. 4d. 3% Local Loans on Staff Pensions Fund Account.

The bequest of £500 from the late Sir Martin Forster has been placed in the Research Fund of the Society and invested in 3% Defence Bonds.

2. *Annual Subscription.* With increased activities following the end of the war, together with increased costs of printing and administration, the Society was faced with the very rapid depletion in the amount of the Reserve Fund followed by the prospect of an annual deficit. The Council therefore proposed

“ That as from January 1st, 1947, the amount of the annual subscription be increased from three pounds (£3) to three pounds ten shillings (£3 10s.), and that a corresponding increase be made in the amount of the life composition fee.”

This proposal was confirmed at an Extraordinary Meeting of the Society on July 28th, 1946.

In accordance with Bye-Law 8c, the Council altered the amount of the Subscription payable by Fellows under 25 years of age from one pound ten shillings (£1 10s.) to one pound fifteen shillings (£1 15s.).

3. *Insurances.* Fire insurances on the Library, and on stocks of publications, have been increased by appropriate amounts.

4. *Contributions.* The Council received towards the cost of publications £1000 from the Chemical Council and through the Royal Society £750 from the Government Grant.

The Faraday Society is now represented on the Chemical Council, and will from 1945 onwards contribute towards the cost of the Library a sum based on its membership, with due allowance for overlap with the three Constituent Bodies.

5. *Staff.* New Staff salary gradings have been applied to the Society's Staff, and these take into account consolidation of war bonuses.

6. *Joint Pensions and Life Assurance Scheme.* The Council has accepted a scheme initiated by the Chemical Council and arranged by a Conference of Scientific Societies for the provision of Pensions and Life Assurance for the staff on a contributory basis. Those members of the staff already participating in the existing scheme have been given the option of remaining in the existing scheme if they so desire.

IX. RELATIONS WITH OTHER BODIES.

(1) *Representatives of the Society on other Bodies.*

During 1946 the Society was represented as follows :—

Anglo-Soviet Scientific Collaboration Sub-Committee : Sir John Russell.

Association of British Chemical Manufacturers :

Joint Technical Committee on Patents : Dr. J. T. Hewitt.

Barker Committee :

Formed to support the publication of the Barker Index of the characteristic angles of crystalline compounds : Dr. G. M. Bennett.

Bristol University Court : Professor F. G. Donnan.

British National Committee for Chemistry : Professor W. N. Haworth, Sir Ian M. Heilbron, Dr. W. H. Mills.

British Standards Institution. Technical Committees :

Co-ordinating the work of the Divisional Councils in regard to any British Standard which may be issued in future for units, conversion factors, fundamental formulæ, values for properties of materials, etc. : Professor S. Sugden.

Standardisation of Microchemical Apparatus : Professor H. V. A. Briscoe, Dr. H. D. K. Drew.

Specifications for Materials and Plant used in Electroplating : Dr. U. R. Evans.

Standardisation of Scientific Glassware : Mr. F. R. Ennos.

Standards for use in Dairying Chemistry : Mr. Eric Voelcker.

Standardisation of Letter Symbols : Professor S. Sugden.

Technical Committee C/17 Viscosity : Dr. A. E. Dunstan.

Bureau of Abstracts.

Directors and Members : Dr. G. M. Bennett, Mr. F. P. Dunn, Dr. E. B. Hughes, and Dr. E. H. Rodd.

Members : Mr. R. P. Bell, Professor H. V. A. Briscoe, Professor G. A. R. Kon, Professor W. Wardlaw.

Chemical Council : Dr. G. M. Bennett, Professor C. N. Hinshelwood, Professor W. Wardlaw, Mr. F. P. Dunn.

City and Guilds of London Institute : Professor H. V. A. Briscoe.

Faraday Society—Colloid Committee : Dr. G. S. Hartley.

International Union of Chemistry :

Committee for the Reform of the Nomenclature of Organic Chemistry : Professor C. S. Gibson.

Joint Library Committee : Professor H. Bassett, Dr. L. Brady, Professor C. H. Desch, Mr. M. B. Donald, Mr. F. P. Dunn, Dr. H. J. Emeléus, Dr. P. Haas, Dr. T. A. Henry, Dr. J. R. I. Hepburn, Professor D. H. Hey, Dr. Harold King, Professor G. A. R. Kon, Professor E. E. Turner, Professor W. Wardlaw.

Lawes Agricultural Trust :

Committee of Management : Professor W. N. Haworth.

Parliamentary and Scientific Committee : Professor C. N. Hinshelwood, Professor D. H. Hey.

Royal Society :

Joint Standing Committee for Symbols and Abbreviations : Professor C. W. Davies, Professor S. Sugden.

Safeguarding of Industries Committee : Professor C. S. Gibson.

Yorkshire Council for Further Education :

Advisory Committee for Chemistry in South and East Yorkshire : Professor R. D. Haworth, Dr. Brynmor Jones.

(2) *Representatives of the Society at Public Functions.*

Council and Bureau of the International Union of Chemistry, London, July 24th—27th : Professor W. Wardlaw.

Vingtième Congrès de Chimie Industrielle de la Société de Chimie Industrielle, September 22nd—28th : Dr. F. A. Freeth.

Ramsay Dinner, Glasgow, December 6th : Sir Ian M. Heilbron.

Installation of the Rt. Hon. The Earl of Harewood as Chancellor of the University of Sheffield, June 25th : Professor R. Whytlaw Gray.

APPENDIX A.

ANNUAL REPORT OF THE JOINT LIBRARY COMMITTEE, 1946.

The increase in the use of the Library which was recorded in the last report has continued in 1946. Attendances by readers showed an increase of 2195 and books borrowed of 1444. Photostat copying reached a total of 4174 pages, this being an increase of 144 on the previous year, and telephone enquiries to the number of 1560 were dealt with, this being about the same figure as for 1945.

Books added to the Library totalled 254, of which 99 were presented. 593 volumes of periodicals and 181 pamphlets were also added. The number of volumes contained in the Library is now 47,863, of which 14,330 are books and 33,533 volumes of periodicals.

Analysis.

	Attendances.	Books borrowed.	Books. added.	Volumes of periodicals.	Pamphlets.
1946	11,370	9548 (3396 by post)	254	593	181
1945	9,175	8104 (2900 by post)	267	476	97
1938	8,507	5948 (1697 by post)	250	744	283

(The figures for 1938, the last complete pre-war year, are given for comparison.)

Among the donations to the Library was a gift of eight historical books from Sir Wyndham Dunstan, and also some useful sets of periodicals from Dr. F. A. Freeth. To these gentlemen and all others who have added to the value of the Library by gifts of books the Committee is most grateful.

All the volumes which were sent to the provinces for safety during the war have now been returned, and are available for use.

Following their visit in 1945, Dr. H. McCombie and the Librarian paid another visit to Germany in the spring. The team was strengthened by the addition of Professor H. J. Emel us and Mr. M. B. Donald. Three weeks intensive search in the British zone resulted in the acquisition of nearly 150 books and some 50 volumes of periodicals, which did not arrive until the end of the year, and are not included in the totals shown above.

The Committee wishes to record its thanks to Sir Norman Haworth for his interest in the reading-room accommodation, which resulted in the installation of fluorescent lighting.

Modification in the arrangement of the Reading Room has resulted in some additional accommodation for readers, and the Committee is continuing its efforts to improve both the accommodation and the availability of books as far as the present building allows. Unfortunately, such rearrangements necessarily cause inconvenience to readers by making fewer books directly accessible.

The List of German Books on chemical and cognate subjects published from 1939 to 1946, compiled by Dr. Hamilton McCombie, D.S.O., M.C., and the Librarian, has now been published by the Chemical Council from which body a copy can be obtained, free of charge, by members of any Society represented on the Chemical Council.

APPENDIX B.

MEETINGS HELD DURING 1946.

IN LONDON.

January 17th, *Tilden Lecture*, "Substitution", by Professor E. D. Hughes; February 7th, *Meeting* for reading papers; March 7th, *Pedler Lecture*, "Synthesis in the Study of Nucleotides", by Professor A. R. Todd; April 4th, in the Lecture Hall of the Institution of Mechanical Engineers, *Discussion* on "Some Aspects of the Chemistry of Macromolecules", opened by Professor H. W. Melville; May 16th, *Meeting* for reading papers; July 25th, *Extraordinary General Meeting*; October 3rd, *Meeting* for reading papers; October 17th, *Meeting* for reading papers; October 21st, at the London School of Hygiene and Tropical Medicine (joint meeting with the Royal Institute of Chemistry, the Society of Chemical Industry, and the Bureau of Abstracts), *Lecture*, "A New Notation for Organic Chemistry", by Dr. G. M. Dyson; November 7th, *Discussion* on "Nitration", opened by Dr. G. M. Bennett; November 21st, *Meeting* for reading papers; December 5th, *Tilden Lecture*, "Macromolecules Synthesised by Micro-organisms," by Professor M. Stacey; December 18th, at the Royal Institution, *Liversidge Lecture*, "Some Problems in the Separation of Isotopes", by Professor H. C. Urey.

OUTSIDE LONDON.

Aberdeen. At Marischal College (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry); October 25th, *Lecture*, "Microscopy with Electrons and X-Rays," by Professor G. D. Preston; November 29th, *Lecture*, "Some Developments in the General Methods of Organic Chemistry," by Professor F. S. Spring; December 17th, *Lecture*, "Mechanism of Elimination and Substitution Reactions", by Dr. F. W. Peaker.

Birmingham. At the University: February 12th, *Pedler Lecture*, "Synthesis in the Study of Nucleotides", by Professor A. R. Todd; April 25th, The Hundred and Fifth *Annual General Meeting* of the Society.

Bristol. At the University (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry); February 7th, *Lecture*, "The Chemistry of Penicillin", by Professor W. Baker; October 10th, *Lecture*, "Recent Advances in Plastics", by Mr. N. J. L. Megson; October 24th, *Lecture*, "The Work of the Forensic Science Laboratories", by Mr. E. B. Parks; November 7th, *Lecture*, "Electron Transfer Reactions in Solution", by Professor M. G. Evans; (Joint meeting with the local sections of the Royal Institute of Chemistry, the Society of Chemical Industry, and the Institution of Chemical Engineers); December 5th, *Lecture*, "Drying with Activated Alumina", by Mr. A. J. Carter.

Cambridge. October 18th (Joint meeting with the Cambridge University Chemical Society) at the University, *Lecture*, "Aromatic Nitration", by Professor C. K. Ingold.

Edinburgh. At the North British Station Hotel (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry): February 22nd, *Lecture*, "Some Problems in Polysaccharide Chemistry", by Professor E. L. Hirst; March 22nd, *Lecture*, "Trace Elements in Agriculture", by Dr. W. G. Ogg; October 10th, *Lecture*, "Heavy Chemicals", by Dr. J. P. Baxter; November 21st, *Lecture*, "Some Developments in the General Methods of Organic Chemistry", by Professor F. S. Spring; at the University: October 29th (Joint meeting with the Edinburgh University Chemical Society and the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Some Observations on Biological Oxidation and Reduction", by Dr. D. J. Bell; December 19th, *Official Meeting* of the Society and *Liversidge Lecture*, "Some Problems in the Separation of Isotopes", by Professor H. C. Urey.

Eire. At University College, Dublin: February 26th, *Lecture*, "The Structure and Enzymic Synthesis of Starch", by Professor W. N. Haworth; November 20th (Joint

meeting with the local section of the Royal Institute of Chemistry), *Meeting* for reading of paper by Dr. T. G. Brady on "Biochemical Microtechnique"; December 9th, *Lecture*, "The Use of the Mass Spectrometer in Following the Course of Gas Reactions", by Professor H. C. Urey.

Exeter. At the Washington Singer Laboratories, March 1st, *Lecture*, "Colloids and Rheology—Introductory", by Dr. E. W. Mardles; March 8th, *Lecture*, "The Stability of Colloidal Systems", by Dr. E. W. Mardles; November 25th, *Lecture*, "Structural Inorganic Chemistry", by Professor W. Wardlaw.

Glasgow. At the University, February 15th, *Official Meeting* of the Society, *Tilden Lecture*, "Some Recent Developments in the Chemistry of Free Radicals", by Dr. W. A. Waters; November 15th (Joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Melting and Other Phase Changes", by Professor A. R. Ubbelohde; at the Royal Technical College, Glasgow, October 25th (Joint meeting with the Alchemists' Club and the Andersonian Chemical Society), *Lecture* by Dr. H. J. T. Ellingham on the organised services provided for the chemist by the three Chartered Chemical Bodies; October 25th (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Electrolysis as an Industrial Process", by Dr. H. J. T. Ellingham; November 1st, *Lecture*, "Atomic Energy", by Professor P. I. Dee.

Leeds. At the University, March 5th (Joint meeting with the Leeds University Chemical Society), *Lecture*, "Crystal Analysis as a Clue to Chemical Problems", by Dr. K. Lonsdale, preceded by scientific films "Handle with Care" and "Buried Treasure"; December 16th, *Lecture*, "Isotopes", by Professor H. C. Urey.

Liverpool. At the University, February 21st, *Lecture*, "The Chemical Investigation of some New Therapeutic Agents", by Dr. F. E. King; November 13th (Joint meeting with the local sections of the Royal Institute of Chemistry, the Society of Chemical Industry, the British Association of Chemists, and the University Chemical Society), *Lecture*, "Some Aspects of Infra-red Measurements", by Dr. H. W. Thompson; November 27th (Joint meeting with the local section of the Royal Institute of Chemistry), *Lecture*, "The Development and Industrial Application of Wetting Agents", by Mr. A. V. Billingham; December 6th (Joint meeting with the local sections of the Royal Institute of Chemistry, the Society of Chemical Industry, and the British Association of Chemists), *Lecture*, "Atomic Energy", by Dr. J. P. Baxter; At Radiant House, December 4th, *Scientific Films*, entitled "The Story of D.D.T.", "Universities at War", "Synthetic Rubber", "Penicillin Manufacture", and "It Comes from Coal".

Manchester. At the University, January 24th (Joint meeting with the local section of the Royal Institute of Chemistry), *Tilden Lecture*, "Some Recent Developments in the Chemistry of Free Radicals", by Dr. W. A. Waters; March 14th, *Meeting* for reading papers; May 7th, *Lecture*, "Recent Developments in Polynucleotide Chemistry", by Professor J. M. Gulland; October 24th (Joint meeting with the local section of the Royal Institute of Chemistry and the Manchester University Chemical Society), *Lecture*, "The Chemistry of Penicillin", by Professor W. Baker; November 15th (Joint meeting with the Manchester Federation of Scientific Societies), *Lecture*, "The Chemistry of Plant Gums and Related Substances", by Professor E. L. Hirst and Dr. J. K. N. Jones; December 12th, *Meeting* for reading papers; at the Engineers' Club, February 27th (Joint meeting with the local section of the Royal Institute of Chemistry), *Lecture*, "What Industry Expects from the Chemist", by Dr. C. J. T. Cronshaw.

Newcastle and Durham. At King's College, Newcastle-upon-Tyne, February 22nd, *Bedson Club Lecture*, "Structural Inorganic Chemistry", by Professor W. Wardlaw; March 1st, *Meeting* for reading papers; May 10th, *Bedson Club Lecture*, "Whither Chemistry?", by Sir Robert Pickard; October 11th, *Meeting* for reading papers; November 22nd, *Bedson Club Lecture*, "Insecticides", by Dr. J. L. Simonsen.

Northern Ireland. At Queen's University, Belfast, March 4th, *Lecture*, "The Structure and Enzymic Synthesis of Starch", by Professor W. N. Haworth; December 10th, *Lecture*, "Isotopes", by Professor H. C. Urey.

North Wales. At University College, Bangor, February 21st (Joint meeting with the University College of North Wales Chemical Society), *Lecture*, "The Structure of Boron Hydrides and Related Compounds", by Mr. R. P. Bell; November 21st (Joint meeting with the University College of North Wales Chemical Society and the University of Liverpool Chemical Society), *Lecture*, "Nitration in Sulphuric Acid", by Dr. G. M. Bennett.

Nottingham. At University College, January 25th, *Lecture*, "Colchicine, its Chemistry and some Biological Effects", by Professor J. W. Cook; November 21st (Joint meeting with the University College Physical and Chemical Society), *Lecture*, "Some Aspects of the Chemistry of Paludrine", by Dr. F. L. Rose.

Oxford. At the Physical Chemistry Laboratory, South Parks Road, Oxford, June 6th, *Official Meeting* of the Society held jointly with the Oxford University Alembic Club, *Discussion*, on "The Chemistry of Anti-bacterial Substances", opened by Sir Robert Robinson.

St. Andrews and Dundee. At University College, Dundee, January 25th, *Lecture*, "Chemical Products from Seaweeds", by Dr. E. G. V. Percival; February 18th, *Lecture*, "Chemical Research and the Army", by Dr. D. C. Martin; April 15th, *Lecture*, "Rheology—the Study of the Deformation and Flow of Matter", by Dr. Scott Blair; October 25th, *Lecture*, "Applied Photography", by Mr. F. W. Coppin; at United College, St. Andrews, November 15th (Joint meeting with the St. Andrews University Chemical Society), *Lecture*, "Applications of the Hofmann Reaction to the Synthesis of Heterocyclic Compounds", by Professor F. S. Spring; at University College, Dundee, November 25th, *Lecture*, "A Chemist Abroad—Student Days at Zürich", by Professor J. Read.

Sheffield. At the University (Joint meetings with the University Chemical Society), February 8th, *Lecture*, "Light Absorption from a Chemical Standpoint", by Mr. E. J. Bowen; March 8th, *Lecture*, "Some Aspects of the Chemistry of Mono- and Di-sulphide Links", by Professor F. Challenger; May 3rd, *Lecture*, "Vitamin A", by Professor R. A. Morton; October 24th, *Lecture*, "Synthetic Approach to the Nucleotides", by Professor A. R. Todd; November 8th, *Lecture*, "Some Applications of Infra-red Measurements", by Dr. H. W. Thompson; October 17th (Joint meeting with the local section of the Royal Institute of Chemistry, the Sheffield Metallurgical Association, and The University Chemical Society), *Lectures*, "Principles of Polarography", and "The Applications of Polarographic Analysis", by Professor J. Heyrovsky; November 21st (Joint meeting with the South Yorkshire section of the Royal Institute of Chemistry, the Sheffield Metallurgical Association, and the University Chemical Society), *Lecture*, "Chemistry in the Metallurgical Industries", by Dr. C. H. Desch.

South Wales. At University College, Swansea (Joint meetings with the University College of Swansea Chemical Society), January 28th, *Lecture*, "The Separation of Isotopes and Thermal Diffusion", by Professor J. Kendall; November 1st, *Lecture*, "Homolytic Reactions", by Professor D. H. Hey; at University College, Cardiff, February 22nd (Joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Recent Work on Soil Biochemistry", by Dr. J. H. Quastel.

Southampton. At University College (Joint meetings with the University College Chemical Society), May 3rd, *Lecture*, "Penicillin", by Dr. A. H. Cook; May 17th, *Lecture*, "Nucleoproteins", by Professor J. M. Gulland; May 24th, *Lecture*, "Structural Inorganic Chemistry", by Professor W. Wardlaw; at Municipal College, Portsmouth, October 17th (Joint meeting with the Portsmouth and District Chemical Society and the University College of Southampton Society), *Lecture*, "Chemical Aspects of Work on Atomic Fission", by Professor H. J. Emeléus.
