

ONE HUNDRED AND TENTH ANNUAL GENERAL MEETING.

THE One Hundred and Tenth Annual General Meeting of the Chemical Society was held in Burlington House, at 11.30 a.m. on Wednesday, 21st March, 1951. The President, Professor E. K. Rideal, was in the Chair.

The Notice convening the Meeting was read.

The Senior Secretary, Professor D. H. Hey, in presenting the Report of Council for 1950 stated that the Fellowship had continued to increase although not so rapidly as in the immediate post-war years. However, numbers rose in 1950 by nearly 2% and this figure would have been larger had not 107 names of Life Fellows and of those formerly in enemy, or enemy-occupied, countries, with whom the Society had lost touch, been removed from the register, their Fellowship being deemed to have lapsed. The "turn-over" of Fellows had continued at a high rate and emphasised the need for an active policy of recruitment of new Fellows.

As was usually the case, the section of the Report that dealt with Publications was perhaps the most important. Most of the arrears of publications were overtaken in 1949 and had it not been for the increased rate of submission of new papers the *Journal* might have declined in size. In the event, however, there was no diminution in the publication rate which is bound to increase still further. By the beginning of the week the Society had received 188 papers since January 1st. Comparable figures for 1950 were 170 and for 1949, 112. It was significant that, despite the larger number of papers received, the proportion from Industry and from Overseas continued to increase. This year would see the publication of an Editorial Report on nomenclature issued with the Index for 1950 to be published in April, 1951. It is the first of what will, it is hoped, become an annual series of value to Fellows wishing to keep in touch with nomenclature developments. In 1950, also, arrangements were made for the issue, in 1951, of two special publications—the Cumulative Index to the Annual Reports and another Volume, Volume IV, of Memorial Lectures.

An event of very great potential importance for the Society was the proposal, announced by the Lord President of the Council, to build a Science Centre in which the Chemical Society would have accommodation worthy of its importance and adequate for its needs. The Society was very much indebted to Sir Robert Robinson who, as President of the Royal Society, had most ably represented the needs of the Scientific Societies in the negotiations with the Government.

In conclusion, Professor Hey paid a tribute to the work of the permanent staff of the Society and expressed the thanks of the Council to those who had served the Society in many ways: by helping with its publications, by service on committees, or as Local Representatives.

The Accounts for 1950 were presented by the Treasurer, Sir Wallace Akers, who described the results as satisfactory, having regard to the very difficult circumstances of a year in which prices had continued to rise and the spending power of individual Fellows was progressively reduced.

The adoption of the Report and of the Accounts was moved by Professor A. R. Todd who praised especially the vigorous publication policy of the Society. Professor Todd's motion was seconded by Professor C. W. Shoppee, and the Report and the Accounts were unanimously adopted.

The President then announced the following new elections to the Council of the Society (including those elected as a result of the Report of the Scrutators on the ballot which had recently been held) :

Vice-Presidents who have not filled the Office of President :

Professor G. H. Clemo.
Professor D. H. Hey.
Professor M. Stacey.

Honorary Secretaries :

Professor E. D. Hughes.
Dr. L. E. Sutton.

Elected Ordinary Members of Council :

<i>Constituency I :</i>	<i>Constituency II :</i>	<i>Constituency III :</i>
Dr. H. M. Powell.	Professor Wilson Baker.	Dr. G. Baddeley.
Dr. H. N. Rydon.	Professor C. W. Shoppee.	
Dr. J. W. Smith.		
<i>Constituency IV :</i>	<i>Constituency V :</i>	<i>Constituency VI :</i>
Dr. T. S. Stevens.	Dr. J. Bell.	Professor A. R. Ubbelohde.

The President then referred to the great service rendered to the Society by Professor Hey who was retiring from the Office of Honorary Secretary which he had held for five years.

On the motion of Mr. P. A. Briscoe, seconded by Dr. G. A. Swan, Messrs. W. B. Keen and Co., were re-appointed as the Society's Auditors for 1951.

The business was concluded by a vote of thanks to the Officers and Council for their services in the past year, which was proposed by Professor J. M. Robertson, seconded by Dr. M. A. T. Rogers, and carried with acclamation.

REPORT OF COUNCIL FOR 1950.

I. FELLOWSHIP.

1. *General.* In the year 1950 the number of Fellows increased by 158, and on December 31st there were 8353 names on the Register. Elections totalled 749 and 29 Fellows were reinstated. The Society has lost 66 Fellows by death and 267 by resignation. Fellows removed from the Register numbered 288, including 107 with whom the Society has lost touch and whose Fellowship is deemed to have lapsed.

The number of Fellows participating in the Joint Subscription Scheme sponsored by the Chemical Council was 4750 or 56.9% of the total Fellowship.

Joint Student Facilities were granted by the Chemical Council to 19 persons. The number of Students subscribing under these arrangements now totals 47.

2. *Honours.* The Council has conveyed the congratulations of the Society to the following Fellows whose names have appeared in the New Year and Birthday Honours Lists :

Knight Bachelor

Dr. W. R. Grimwade
Dr. J. I. O. Masson
Dr. J. E. Myers
Dr. S. J. Saint

C.B.

Dr. O. H. Wansbrough-Jones

C.B.E.

Dr. F. Hardy
Dr. H. King
Professor F. G. Soper
Dr. A. J. Turner

Congratulations have also been conveyed to Professor T. Reichstein, *Honorary Fellow*, on the award of a Nobel Prize for Medicine and to Sir John Simonsen on the award of a Davy Medal by the Royal Society.

3. *Deaths.* Among the Fellows whom the Society has lost by death the Council wishes to record with profound regret the death of the two distinguished past Presidents of the Society and of the two former Vice-Presidents and Honorary Secretaries whose names are given below. Obituary notices will be published.

Sir Norman Haworth (*President* 1944—1946).

Professor W. P. Wynne (*President* 1923—1925).

Professor C. S. Gibson (*Vice-President* 1933—1936, 1942—1945; *Honorary Secretary* 1924—1933).

Professor S. Sugden (*Vice-President* 1939—1942, 1946—1949; *Honorary Secretary* 1933—1936).

II. PUBLICATIONS.

1. *Journal.* In the January and February issues of the *Journal* the last arrears of publication were overtaken; and thereafter there were no avoidable delays in publication.

For some time past, the *Journal* had been issued regularly, but a month late, *i.e.*, the issue dated for a month " x " had been available about the end of the month " $x + 1$ ", instead of at the end of the month " x " as in pre-war years. In the Spring of 1950, this was remedied by publishing four successive issues at about three-weekly intervals. The effect of this has been that twelve issues were published in eleven months of 1950. Thus,

while figures recorded below for Communications received refer to the whole of 1950, those for Communications published refer to only eleven months.

During 1950, 874 Scientific Communications were received, 27 were declined, and 41 withdrawn. The *Journal* contained 824 items, made up as follows :

Papers (General, Physical, and Inorganic)	147
" (Physical Organic)	110
" (Organic)	470
Notes	73
Lectures and Addresses	6
Obituary Notices	16
Annual General Meeting	1
Editorial Nomenclature Report	1

Scientific Communications from overseas, published during 1950, numbered 136 (a few jointly with British laboratories), as follows : Australia 51, Czechoslovakia 1, Denmark 1, Egypt 13, France 3, Hungary 1, India 1, Irish Republic 8, Israel 6, New Zealand 22, S. Africa 14, Spain 1, Switzerland 1, U.S.A. 12, Yugoslavia 1.

Contributions from industrial laboratories totalled 111 (including 22 jointly with academic institutions), and those from industrial research organisations and Government laboratories totalled 40 (including 9 jointly with academic institutions). The increase in the proportion of communications from industrial laboratories (from 11.6% to 13.7%) may be significant.

The high rate of publication reached in 1949 was maintained in 1950, but, whereas in 1949 this enabled arrears to be published, in 1950 it was required to deal with the larger number of papers received :

	1948.	1949.	1950.
Papers and Notes received (less number rejected or withdrawn)	531	720	806
Papers and Notes published	511	870	806 *
No. of pages (Papers and Notes)	2203	3762	3576 *
No. of pages (total, excl. indexes)	2330	3858	3697 *

* Twelve issues published in eleven months.

The number of papers and notes (806) published during eleven months of 1950 is equivalent to 879 during a full year ; the excess over the number for publication (fortuitously also 806) constitutes the arrears published in the January and February issues plus the general acceleration of publication. The average number of pages per paper rose slightly, from 4.35 in 1948 and 4.32 in 1949 to 4.44 in 1950.

The normal time between the receipt of a manuscript and its publication was 4½ months. For instance, of 171 papers published in the November and December issues, 110 (64%) were published within five months of receipt ; of these, 28 were published within four months of receipt. The delay to most of the remainder was caused by authors' consideration of the referees' comments.

A slight improvement in format was possible during the year : a line space introduced between paragraphs of the smaller size of type considerably improved legibility.

2. *Nomenclature.* An Editorial Report on Nomenclature is being published with the Index to the *Journal* for 1950. It is hoped to issue, each year, similar reports on developments in nomenclature as practised in the Society's publications. Reprints of the Report for 1950 are available, price one shilling, post free.

3. *Microfilm Edition of the Journal.* The Society has entered into an agreement to make issues of the *Journal* from January 1950 available in microfilm form. It is hoped that this will be of assistance to libraries faced with problems of storage. Sales are restricted to subscribers to the paper edition, and the film copy is distributed only at the end of the year.

Enquiries regarding purchase should be made to University Microfilms, 313 N. First Street, Ann Arbor, Michigan U.S.A.

4. *Early Volumes of the Journal.* Volumes 1 to 23 of the *Journal* (1848–1870) have been reprinted, under an agreement with the Society, by Messrs. Butterworths (Scientific Publications), Ltd. In addition, a survey of holdings in libraries and elsewhere has been made. The information which has been obtained will determine whether any further arrangements are necessary for the re-issue of early volumes of the Society's Publications.

5. *Annual Reports on the Progress of Chemistry.* In accordance with the ruling of the Publication Committee made after the *Quarterly Reviews* became established, the *Annual Reports* are reverting to a series of annual, or for some subjects bi- or tri-ennial, records of progress. The Reports for 1948, 1949, and 1950, are, however, in some sections, transitional in character and contain review articles.

The Council has authorised an increase of up to 50% in the size of the *Annual Reports* for 1950.

6. *Cumulative Index to the Annual Reports.* Fellows placing an order before January 31st, 1951, have been given the opportunity to buy a copy of the Cumulative Index to the *Annual Reports*, Vol. I (1904)–Vol. XLVI (1949), at the special price of twelve shillings and sixpence. This index will be published in June 1951 at a price of twenty-five shillings. The entries in this index which refer to Volumes I—XLII (1904—1945) were collated by British Chemicals and Biologicals, Ltd., to whom the Council of the Society expresses its grateful appreciation and thanks.

7. *Quarterly Reviews.* Volume IV (1950) of *Quarterly Reviews* contained nineteen articles, occupying 425 pages. (Vol. III, 1949, nineteen articles, occupying 384 pages.)

8. *Memorial Lectures, Volume IV.* The Council has authorised the publication of a further volume of collected Memorial Lectures reprinted from the *Journal*. It is hoped that this will be issued during 1951. Full particulars will be announced in the *Proceedings*.

III. MEETINGS.

1. *Scientific Meetings.* Eleven Meetings were held in London during 1950. These included four Lectures and one Symposium. At the other six Meetings, fifteen Papers, or series of Papers, were read and discussed.

84 meetings arranged by Local Representatives on behalf of the Society, or held in conjunction with other bodies, took place outside London. In addition, Fellows were able to attend, under arrangements made locally, a number of meetings organised by other Societies.

Official Scientific Meetings of the Society were held as follows :

Birmingham	February 10th
Manchester	October 19th
Southampton	November 17th
Bangor	November 23rd

Details of all Meetings are given in Appendix A.

2. *Anniversary Meetings.* The Anniversary Meetings were held in Edinburgh on March 29th and 30th. The Presidential Address, "The Chemical Society—A Mid-Century Review", by Sir Ian Heilbron (*J.*, 1950, 1641) was given and the One Hundred and Ninth Annual General Meeting, which was reported in the *Journal* for June 1950, was held on the morning of Wednesday, March 30th. Coach Tours were arranged on the same afternoon to the Forth Bridge and to the Border Country, and at 8.30 p.m. a Reception given by the University of Edinburgh was held in the University Library.

On Thursday, March 30th, after the Annual Meeting of Local Representatives, the Faraday Lecture, "The Application of Radioactive Indicators in Biochemical Studies", was delivered by Professor G. Hevesy, For.Mem.R.S., *Honorary Fellow*. At the Anniversary Dinner, held that same evening, Professor E. K. Rideal was formally installed as President of the Society.

3. *Centenary Lectures.* In March, Professor Dr. Pl. A. Plattner (Zurich) was invited to visit this Country to lecture. In addition to a Meeting in London on March 2nd, Professor Plattner also lectured in Dublin, Liverpool, and Manchester.

The Society also invited Professor H. Erdtman and Mrs. G. Aulin-Erdtman (Stockholm) to take part in the Symposium on "Tropolones and Allied Compounds"

IV. LIBRARY.

The Annual Report of the Joint Library Committee for 1950 is reproduced as Appendix B to this Report.

V. OTHER ACTIVITIES.

1. *Accommodation.* Difficulties caused by the acute shortage of accommodation have been referred to in previous Reports. A solution of this problem was brought a stage nearer when the Lord President of the Council announced that His Majesty's Government had agreed to build a Centre to house a number of Scientific Societies including those at present accommodated in Burlington House.

This announcement, however, gives no solution of the immediate difficulties of the Society, since it is certain that the proposed new buildings will not be completed for a considerable number of years.

2. *Grants for Research.* The Council has authorised grants totalling £877 15s. 0d. to be made from the Research Fund to 29 applicants.

3. *Harrison Memorial Prize.* The Harrison Memorial Prize for 1950 has been awarded to Dr. H. C. Longuet-Higgins.

4. *The Chemical Council, and the Bureau of Abstracts—Reports for 1949.* Fellows may obtain copies of these Reports from the General Secretary.

VI ADMINISTRATION.

1. *Council.* At the Annual General Meeting on March 29th, the following were declared elected :

President	Professor E. K. Rideal
Vice-President	Professor R. P. Linstead
Elected Ordinary Members of Council...	Dr. J. S. Anderson, Professor F. E. King, Dr. L. N. Owen, Professor L. Hunter

Since the Annual General Meeting the following changes have taken place in the Membership of Council :

Honorary Secretary : Professor E. D. Hughes was appointed under Bye-Law 42 in place of Dr. Alexander King who resigned.

Ordinary Members of Council : Dr. G. Baddeley was appointed under Bye-Law 42 to fill the vacancy caused by the death of the late Dr. A. E. Gillam. Professor Gwyn Williams was appointed under Bye-Law 42 in place of Professor F. S. Dainton, who resigned under Bye-Law 56.

2. *Local Representatives.* The Council received with regret the resignation of a number of Local Representatives, and the following new appointments were made :

Leeds	Mr. P. A. Briscoe in place of Dr. F. R. Goss
Manchester	Dr. G. R. Barker in place of Dr. G. Baddeley
Newcastle	Dr. G. A. Swan in place of Dr. P. L. Robinson
St. Andrews and Dundee	Dr. H. T. Openshaw in place of Dr. J. D. M. Ross

Dr. L. E. Sutton served as Local Representative for Oxford during the absence, in the United States, of Dr. W. A. Waters.

In order to improve the service to Fellows who are not able to attend meetings in London, arrangements have been introduced whereby the Society's Office in London undertakes the addressing of envelopes and the despatch of notices of local Meetings.

VII. FINANCE.

1. *Cost of Publications.* Increased charges for printing and an increase in the price of paper have had to be met during the year. This has inevitably led to an increase in the cost per page of the *Journal* and of *British Abstracts*. To help meet this expenditure, the Society has benefited from the increase in the schedule price of publications, which came into force at the beginning of the year.

2. *Contributions.* The Council gratefully acknowledges the sum of £4500 received through the Royal Society from the Government Scientific Publications Grant-in-Aid, and the sum of £10,000 received from the Chemical Council towards the cost of Publications in 1950. The payment from the Chemical Council was made in order to enable the Society to make grants to the Bureau of Abstracts. The Chemical Council will consider further grants in aid of publications when the Accounts of the various Societies for 1950 are available.

3. *Bureau of Abstracts.* In view of a decision of the Chemical Council that grants will not, in future, be made direct to the Bureau of Abstracts, the Council has agreed to increase the annual grant for 1950 to £10,600, thus doubling the Society's normal Contribution to the Bureau.

4. *Library.* The Council records its thanks for a contribution of £300 received through the Royal Society from the Government Scientific Publications Grant-in-Aid, towards the cost of capital expenditure on the Library and for a grant of £371 11s. 7d. from the Chemical Council towards maintenance costs.

The thanks of the Council are due for the following contributions on a membership basis, received through the Chemical Council towards the maintenance costs of the Library

	£	s.	d.
The Royal Institute of Chemistry	1645	13	2
The Society of Chemical Industry	606	2	4
The Faraday Society	169	6	2
The Society of Public Analysts and Other Analytical Chemists	115	2	7
The Biochemical Society	125	5	8

The Chemical Society's share of the maintenance costs of the Library amounted to £724 12s. 7d. and, in addition, the Society has contributed £2,725 1s. 10d. towards the purchase of new books and other capital expenditure on the Library.

The Council also gratefully records its thanks for contributions towards maintenance expenses also received from other sources, as follows :

	£	s.	d.
The Association of British Chemical Manufacturers	100	0	0
The Institute of Brewing	50	0	0
Genatosan, Ltd.	25	0	0
The Society of Dyers and Colourists	10	10	0

5. *Subscriptions under Covenant.* The Society has encouraged Fellows who pay Income Tax at the full rate to enter into a Deed of Covenant with the Society in respect of their Annual Subscription. In this way the Society can recover the Tax on the gross amount of the Subscription and no additional cost falls upon the Fellow.

Some five hundred Fellows have already signed Covenants, and the Society will be able to reclaim over £900 in Income Tax during 1951.

6. *Sir Gilbert Morgan—Bequest.* As will be seen from the list of Investments given with the Accounts, most of the capital comprising the Corday—Morgan Memorial Fund and

the Corday-Morgan Medal and Prize Fund has now been transferred to the Society by the Public Trustee.

7. *Investments.* The following additions to the Society's Investments have been made during the year :

Centenary Fund. £1700 invested in £1716 15s. 2d. Northern Ireland 3½% Stock, 1969/71.

Corday-Morgan Medal and Prize Fund. £800 invested in £846 7s. 0d. 3½% War Loan.

Research Fund. £1080 7s. 4d., which includes a further sum of £80 7s. 4 received under the W. S. Gilles Bequest, invested in £1116 7s. 0d. New Zealand 3% Stock, 1973/77.

Special Lectures Fund. £100 invested in £107 19s. 0d. British Transport 3% Stock ; 1978/88.

In addition, £1500 3% Savings Bonds 1955/65 and £1835 2½% Funding Loan 1956/61 have been transferred from Special Reserve Fund to the Research Fund in order to repay the sum of £3350 accumulated during the War years and held temporarily in the Special Reserve Fund.

VIII. RELATIONS WITH OTHER BODIES

1. REPRESENTATIVES OF THE SOCIETY ON OTHER BODIES.

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 T. S. Moore.

British National Committee for Chemistry :

Professor D. H. Hey, Sir Cyril Hinshelwood, Professor M. Stacey.

British National Committee for Crystallography :

Dr. G. M. Bennett.

British Standards Institution. Technical Committees :

- M/1. Units and Technical Data : The Editor.
- M/4. Letter Symbols : The Editor.
- C/17. Viscosity : Dr. A. E. Dunstan.
- C/18. Chemical Symbols and Abbreviations : The Editor.
- C/34. Standardisation of pH Scale : Professor H. T. S. Britton.
- CHE/36. Chemicals for Electroplating : Dr. U. R. Evans.
- DAC/-. Standards for Dairying Chemistry : Mr. Eric Voelker.
- LBC/-. Scientific Glassware and Related Laboratory Apparatus : Dr. G. R. Davies.
- LBC/2/1. Ubbelohde Apparatus : Dr. G. R. Davies.
- LBC/5. Hydrometers : Mr. R. Sutcliffe.
- LBC/6. Standard Distillation Apparatus : Mr. R. Sutcliffe.
- LBC/11. Microchemical Apparatus : Mr. R. Belcher, Dr. H. D. K. Drew.
- LGE/19. Colour Terminology : Dr. F. M. Hamer.
- PCC/1. Nomenclature for Insecticides : Professor R. L. Wain.

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Bureau of Abstracts.

Directors and Members : Sir Wallace Akers, Dr. G. M. Bennett, Dr. G. M. Dyson, Professor D. H. Hey.

Members : Mr. R. P. Bell, Dr. A. H. Cook, Dr. H. N. Rydon, Professor W. Wardlaw.

Chemical Council :

The Treasurer, Professor H. Burton, Sir Ian Heilbron, Professor D. H. Hey.

City and Guilds of London Institute :

The President.

Faraday Society. Colloidal and Biophysics Committee :

Dr. P. Johnson.

Joint Library Committee :

Dr. J. H. Burgoyne, Dr. A. H. Cook, Dr. F. Fairbrother, Dr. J. E. Garside, Dr. P. Haas, Dr. J. R. I. Hepburn, Professor D. H. Hey, Professor E. D. Hughes, Dr. Harold King, Professor G. A. R. Kon, Dr. H. N. Rydon, Dr. F. C. Tompkins, Professor C. Tyler, Dr. J. Walker.

Lawes Agricultural Trust :

Committee of Management : Sir John Simonsen.

Parliamentary and Scientific Committee :

Sir Ian Heilbron, Professor H. Burton.

Regional Council for Further Education for the South-West :

Chemistry and Chemical Technology Committee : Professor W. E. Garner.

Royal Society : Joint Standing Committee for Symbols and Abbreviations : Mr. R. P. Bell, The Editor.

Royal Society : Scientific Societies Accommodation Committee :

Sir Ian Heilbron.

Yorkshire Council for Further Education :

Advisory Committee for Chemistry in South and East Yorkshire : Professor R. D. Haworth.

2. REPRESENTATIVES OF THE SOCIETY AT PUBLIC FUNCTIONS.

50th Anniversary of the Discovery of the Grignard Reagent, Lyons, May 13th : Professor H. Burton and Professor D. H. Hey.

50th Anniversary of the Discovery of Radium, Paris, July 16th–20th : Professor F. A. Paneth.

5th International Congress of Microbiology, Rio de Janeiro, August 17th–24th : Mr. W. J. Weir.

Ramsay Chemical Dinner, Glasgow, December 15th : The President.

University of Birmingham—Jubilee Celebrations, May 4th–5th : Professor W. Wardlaw.

APPENDIX A.

MEETINGS HELD DURING 1950.

IN LONDON.

Unless otherwise stated all meetings were held in the Rooms of the Society at Burlington House.

January 19th, at the Royal Institution, *Tilden Lecture*, "Studies on Electron-transfer Reactions", by Professor M. G. Evans; February 2nd, *Meeting* for reading of papers; February 16th, at the Institution of Mechanical Engineers, *Pedler Lecture*, "Polycyclic Aromatic Hydrocarbons", by Professor J. W. Cook; March 2nd, at the Imperial College of Science and Technology, *Centenary Lecture*, "The Azulenes", by Professor Dr. Pl. A. Plattner (Zurich); March 16th, *Meeting* for reading of papers; May 4th, at the Royal Institution, *Tilden Lecture*, "Recent Advances in the Chemistry of the Steroids", by Professor F. S. Spring; June 1st, *Meeting* for reading of papers; October 12th, *Meeting* for reading of papers; November 2nd, *Symposium*, "Tropolones and Allied Compounds", introduced by Professor J. W. Cook; November 16th, *Meeting* for reading of papers; December 14th, *Meeting* for reading of papers.

OUTSIDE LONDON.

Aberdeen. Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry, in the Chemistry Department, Marischal College: January 8th, *Lecture*, "The Deflocculation of Long-fibred Pulps by Natural Mucilages", by Dr. H. Ainsworth Harrison; February 16th, *Lecture*, "Applications of Exothermic Solid Reactions to Jet Propulsion and Industrial Purposes", by Dr. James Taylor; March 9th, *Lecture*, "The Chemistry of Anæsthetics", by Professor H. B. Nisbet; October 20th, *Lecture*, "Recent Work on the Transuranic Elements", by Dr. R. Hurst; November 7th, *Lecture*, "Some Aspects of the Chemistry of Polycyclic Aromatic Hydrocarbons", by Professor J. W. Cook; December 1st, *Lecture*, "Instrumentation in Modern Methods of Analysis", by Mr. E. J. Vaughan.

Birmingham. At the University: January 20th (joint meeting with the University Chemical Society), *Lecture*, "The Separation and Determination of the Sugars and their Derivatives", by Dr. J. K. N. Jones; February 10th, Official Meeting of the Society and *Lecture*, "Fifty Years of Organic Chemistry", by Sir Ian Heilbron; March 17th, *Lecture*, "How Crystals Grow", by Professor E. K. Rideal; (joint meetings with the University Chemical Society): May 12th, *Lecture*, "The Shape of a Chemical Bond", by Professor C. A. Coulson; October 20th, *Lecture*, "Chemistry and the Scattering of Light", by Dr. E. J. Bowen; December 8th, *Lecture*, "Homolytic Aromatic Substitution", by Professor D. H. Hey.

Bristol. (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), at the University: February 9th, *Lecture*, "Studies of some Organic Fluorine Compounds", by Professor M. Stacey; October 12th, *Lecture*, "The Changing Face of Chemical Industry", by Dr. A. C. Monkhouse; November 2nd, *Lecture*, "The Hahn Emanation Technique", by Dr. J. S. Anderson; November 24th, at Gloucester Technical College, *Lecture*, "The Manufacture of Nitric Acid", by Mr. C. Wilson; at the University: November 23rd, *Lecture*, "Cereal Chemistry", by Dr. D. W. Kent-Jones; December 7th, *Lecture*, "Carbon as a Material of Construction", by Mr. A. W. Morrison.

Edinburgh. (Joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry): January 19th, at the North British Station Hotel, *Lecture*, "The Deflocculation of Long-fibred Pulps by Mucilages", by Dr. H. Ainsworth Harrison; February 7th, at the University (with the University Chemical Society), *Lecture*, "Some Aspects of Solid Reactions", by Professor W. E. Garner; at the North British Station Hotel: February 23rd, *Lecture*, "The Planning of Semi-technical-Scale Experiments", by Dr. R. Holroyd; March 16th, *Lecture*, "Some Aspects of Photo-oxidation with Reference to Chlorophyll", by Dr. M. Ritchie; October 26th, *Lecture*, "The Scientific Examination of Pictures", by Dr. A. E. Werner; November 23rd, *Lecture*,

"Homolytic Aromatic Substitution", by Professor D. H. Hey; December 14th, *Lecture*, "Modern Trends in Fuels and Lubricants", by Dr. E. M. Dodds.

Exeter. At the Washington Singer Laboratories: May 2nd, *Lecture*, "Some Aspects of Aromatic Substitution", by Professor Brynmor Jones; October 13th (joint meeting with University College Chemical Club), *Lecture*, "Research in the Paint Industry", by Dr. J. W. Dorling; October 20th, at the Technical College, Plymouth (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "The Basic Principles of Chemical Engineering", by Mr. M. B. Donald; at the Washington Singer Laboratories: November 10th, *Lecture*, "Editing for the Chemical Society", by Dr. R. S. Cahn; December 1st (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Some Scientific Aspects of Pulp and Paper Manufacture", by Dr. J. Grant.

Glasgow. At the Royal Technical College: January 27th, *Lecture*, "Recent Advances in the Chemistry of the Steroids", by Professor F. S. Spring; February 24th, Annual General Meeting and *Meeting* for reading of papers; at the University: March 10th, *Lecture*, "Purine Synthesis—A New Chapter", by Dr. A. H. Cook; October 25th, at the Royal Technical College (joint meeting with the Alchemists' Club of the University and the Andersonian Chemical Society of the Royal Technical College), *Lecture*, "Recent Developments in Macrocyclic Pigments", by Professor R. P. Linstead; November 17th, at the University, *Lecture*, "Some Problems in Gas Flow and Sorption", by Professor R. M. Barrer; December 1st, at the Beresford Hotel, *Ramsay Chemical Dinner*; December 15th, at Ardeer (joint meeting with the Ardeer Chemical Club and the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Cortisone", by The Right Hon. the Earl of Halsbury.

Hull. At University College: (joint meetings with University College Scientific Society), January 19th, *Lecture*, "Modern Trends in Stereochemistry", by Professor E. E. Turner; February 9th, *Lecture*, "Some Recent Applications of Infra-red Spectroscopy", by Dr. H. W. Thompson; March 2nd (joint meeting with the local section of the Royal Institute of Chemistry), *Lecture*, "Aromatic Nitration", by Dr. G. M. Bennett; (joint meetings with University College Scientific Society): November 16th, *Lecture*, "Recent Theories of Molecular Structure", by Sir John Lennard-Jones; December 8th, *Lecture*, "Chemical Personalities a Century Ago", by Professor John Read.

Irish Republic. At University College, Dublin: January 11th, *Lecture*, "Cortisone Problem", by Professor E. R. H. Jones; [joint meetings with the Irish Chemical Association, the Royal Institute of Chemistry (Dublin Section), and the Society of Chemical Industry (Dublin Section)]: March 1st, *Lecture*, "Deoxy-sugars and Nucleic Acids", by Professor M. Stacey; March 3rd, at University College, Cork, *Lecture*, "Bacterial Nucleic Acids", by Professor M. Stacey; March 6th, at University College, Galway, *Lecture*, "Deoxy-sugars and Nucleic Acids", by Professor M. Stacey; March 8th, at Trinity College, Dublin, *Lecture*, "Lycomarasmin: The Chemistry of Wilting Diseases", by Professor Dr. Pl. A. Plattner; May 23rd, at University College, Dublin (Joint meeting with University College Chemical Society), *Lecture*, "Some Problems in Polysaccharide Chemistry", by Dr. E. G. V. Percival; at Trinity College, Dublin: October 25th, *Lecture*, "Editing for the Chemical Society", by Dr. R. S. Cahn; November 10th (joint meeting with the Werner Society), *Lecture*, "The Degradation of High Polymers", by Professor H. W. Melville.

Leeds. At the University: January 30th, *Lecture*, "The Basis of Chemotherapeutic Research", by Dr. F. L. Rose; February 21st (joint meeting with the University Chemical Society), *Lecture*, "Some Recent Applications of Dipole-moment Measurements to Molecular Structure", by Professor H. D. Springall.

Liverpool. At the University: (joint meetings with the British Association of Chemists and the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry): March 7th, *Lecture*, "Lycomarasmin. The Chemistry of Wilting Diseases", by Professor Dr. Pl. A. Plattner; March 16th, *Lecture*, "Heterogeneous Catalysis", by Professor E. K. Rideal; March 23rd, *Lecture*, "Photo-excited Electron-transfer Reactions", by Professor M. G. Evans; November 9th, *Lecture*, "Polymerisation and its

Reversal", by Professor F. S. Dainton; November 23rd, *Lecture*, "The Chemistry of Tropolone and Some of its Derivatives", by Professor R. D. Haworth.

Manchester. At the University: January 19th (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Localised and Non-localised Bonds", by Professor C. A. Coulson; February 16th, *Meeting* for the reading of papers; February 23rd, at the Engineer's Club (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Research in Progress in the Organic Chemistry Department of Manchester University", by Professor E. R. H. Jones; at the University: March 3rd, *Lecture*, "The Azulenes", by Professor Dr. Pl. A. Plattner; March 9th, *Pedler Lecture*, "Polycyclic Aromatic Hydrocarbons", by Professor J. W. Cook; March 22nd, at the Engineer's Club (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Some Recent Applications of Infra-red Spectroscopy", by Dr. H. W. Thompson; at the University (joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry); October 19th, Official Meeting and *Lecture*, "The Chemistry of the Tropolones", by Professor R. D. Haworth; November 8th, *Lecture*, "Catalysed Oxidation", by Professor C. E. H. Bawn; December 1st, at the College of Technology, *Lecture*, "The Application of Radioactive Isotopes in Industry", by Mr. K. Fearnside; at the University, December 14th, *Meeting* for reading of papers.

Newcastle and Durham. At King's College, Newcastle-on-Tyne: November 10th, *Bedson Club Lecture*, "Resonance Transfer of Energy between Molecules", by Dr. E. J. Bowen; November 24th, *Meeting* for reading of papers; December 8th, *Bedson Club Lecture*, "The Application of Halogen Fluorides in Preparative Inorganic Chemistry", by Professor H. J. Emeléus. Fellows were invited to the meetings of the Bedson Club.

Northern Ireland. At Belfast: January 20th (joint meeting with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry), *Lecture*, "Chemical Education", by Mr. J. McG. Jackson; February 8th (joint meeting with the local sections of the Royal Institute of Chemistry, the Society of Chemical Industry, and the Society of Dyers and Colourists), *Lecture*, "Colours in Food", by Mr. E. R. Eaton; (joint meetings with the local sections of the Royal Institute of Chemistry and the Society of Chemical Industry); March 10th, *Lecture*, "Inorganic Chromatography", by Mr. R. A. Wells; September 21st, *Lecture*, "A Review of Methods for Determining Moisture in Organic Materials", by Dr. M. H. Hall; (joint meetings with the Andrews Club, the local sections of the Royal Institute of Chemistry, and the Society of Chemical Industry): November 14th, *Lecture*, "Some Problems in the Chemistry of the Polysaccharides", by Professor E. L. Hirst; November 28th, *Lecture*, "Some Aspects of Cellulose Autoxidation", by Dr. D. Entwistle.

North Wales. (a) At University College of North Wales, Bangor. (Joint meetings with the University College of North Wales Chemical Society): February 2nd, *Lecture*, "Some Aspects of the Chemistry of Simple Peptides", by Professor F. E. King; May 4th, *Lecture*, "Light-scattering and Chemistry", by Dr. E. J. Bowen; October 13th, *Lecture*, "Studies in the Synthesis of Flavones", by Professor T. S. Wheeler; Official Meeting and *Tilden Lecture*: November 23rd, "A Chemotherapeutic Search in Retrospect", by Dr. F. L. Rose.

(b) At the Edward Davies Chemical Laboratories, Aberystwyth (joint meetings with the University College of Wales Chemical Society): March 9th, *Lecture*, "Some Recent Developments in the Chemistry of Indole Derivatives", by Dr. R. J. S. Beer; October 19th, *Lecture*, "Polyacetylenes", by Professor E. R. H. Jones.

Nottingham. At the University (joint meetings with the University Chemical Society): February 23rd, *Lecture*, "Synthesis in the Nucleotide Field", by Professor A. R. Todd; March 9th, *Lecture* "Some Aspects of Structural Chemistry", by Professor W. Wardlaw; March 16th, *Lecture*, "Microwave Spectroscopy", by Professor E. Bright Wilson, jun.; October 19th, *Lecture*, "Hydrogen Peroxide as an Ionising Solvent", by Professor W. F. K. Wynne-Jones; November 2nd, *Lecture*, "The Cortisone Problem", by Professor C. W. Shoppee; November 9th, *Lecture*, "Recent Chemical Applications of Electric Dipole-moment Measurements", by Dr. L. E. Sutton.

Oxford. Fellows were invited to the following *Alembic Club Lectures* held at the Physical

Chemistry Laboratory: January 30th, *Lecture*, "Some Recent Developments in Acetylene Chemistry", by Professor E. R. H. Jones; February 6th (joint meeting with the Royal Institute of Chemistry), *Lecture*, "Analytical Chemistry: Science or Art", by Dr. H. M. N. H. Irving; February 27th, *Lecture*, "Some Unifying Concepts in Chemistry", by Sir John Lennard-Jones; May 1st, *Lecture*, "The Biochemistry of Fluoroacetate Poisoning and its Significance", by Professor R. A. Peters; May 15th, *Lecture*, "Some Problems in the Chemistry of Starch and Glycogen", by Professor E. L. Hirst; June 5th, *Lecture*, "Catalysis on Oxides", by Professor W. E. Garner; October 23rd, *Lecture*, "Dielectric Constants of Solutions", by Professor E. A. Guggenheim; November 6th, *Lecture*, "Phthalocyanines and Porphyrins", by Professor R. P. Linstead; November 20th, *Lecture*, "Neutron Diffraction", by Professor K. Lonsdale.

St. Andrews and Dundee. At University College, Dundee: January 12th, *Lecture*, "Keto-enol Equilibrium", by Mr. R. P. Bell; February 2nd (joint meeting with the British Association Dundee Trust), *Lecture*, "The Concept of Nature from Copernicus to Newton", by Sir Edmund Whittaker; April 6th, *Lecture*, "Chemical Reactions induced by Nuclear Radiations", by Professor F. S. Dainton; April 7th, at United College, St. Andrews (joint meeting with St. Andrews University Chemical Society), *Lecture*, "Developments in the Chemistry of *cyclo*Heptane Derivatives", by Professor R. D. Haworth; at United College, St. Andrews: (joint meetings with St. Andrews University Chemical Society); October 20th, *Lecture*, "Historical Science as an Instrument of Culture", by Professor J. Read; November 3rd, *Lecture*, "Chemical Aspects of the Cell Nucleus", by Professor J. N. Davidson; November 10th (joint meeting with the local section of the Royal Institute of Chemistry), *Lecture*, "Bond Lengths, their Measurement and their Significance", by Professor E. G. Cox; (joint meetings with St. Andrews University Chemical Society): November 24th, *Lecture*, "Homolytic Aromatic Substitution", by Professor D. H. Hey; December 1st, *Lecture*, "Micro-techniques in Chemistry", by Dr. A. F. Colson.

Sheffield. At the University: February 9th (joint meeting with the University Chemical Society), *Lecture*, "The Breakdown of High Polymers", by Professor H. W. Melville; March 9th (joint meeting with the local section of the Royal Institute of Chemistry, *Lecture*, "The Treatment of Water for Industrial Purposes", by Mr. P. Hamer; (joint meetings with the University Chemical Society): March 16th, *Lecture*, "Recent Developments in Acetylene Chemistry", by Professor E. R. H. Jones; April 27th, *Tilden Lecture*, "Recent Advances in the Chemistry of the Steroids", by Professor F. S. Spring; November 9th (joint meeting with the local section of the Royal Institute of Chemistry), *Lecture*, "Hydrocarbons as Raw Materials for Organic Chemical Industry", by Dr. R. J. Holroyd; November 30th (joint meeting with the University Chemical Society), *Lecture*, "New Ventures in Carbohydrate Chemistry", by Professor M. Stacey.

Southampton. At University College (joint meetings with the University College Chemical Society): February 17th, *Lecture*, "Modern Inorganic Stereochemistry", by Mr. R. S. Nyholm; March 3rd, *Lecture*, "The Determination of Traces of Elements and Compounds", by Dr. H. M. N. H. Irving; April 26th, at Portsmouth Municipal College (joint meeting with Mid-Southern Counties Section of the Royal Institute of Chemistry and Portsmouth and District Chemical Society), *Lecture*, "Trace-elements in Plant Life," by Dr. W. A. Roach; May 5th, at University College (joint meeting with the University College Chemical Society), *Lecture*, "Recent Synthetical Developments in Pyrethrum Chemistry", by Dr. S. H. Harper; October 9th, at Portsmouth Municipal College (joint meeting with the Mid-Southern Counties Section of the Royal Institute of Chemistry and the Portsmouth and District Chemical Society), *Lecture*, "The New Elements", by Professor H. J. Emeléus; at University College: October 20th (joint meeting with the University College Chemical Society and the Mid-Southern Counties section of the Royal Institute of Chemistry), *Lecture*, "Mediaeval Chemical Industries", by Dr. F. Sherwood Taylor; November 17th (Joint meeting with University College Chemical Society), Official Meeting and *Lecture*, "Kinetics of the Bacterial Cell", by Sir Cyril Hinshelwood.

South Wales. At University College, Swansea: February 10th (joint meeting with the University College of Swansea Students' Chemical Society and the local section of the

Royal Institute of Chemistry), *Lecture*, "Some Problems in Inorganic Chemistry", by Professor W. Wardlaw; March 3rd (joint meeting with the University College of Swansea Students' Chemical Society), *Lecture*, "Synthetical Investigations in the Series of Cyclic Imines", by Professor F. E. King; (joint meetings with the University College of Swansea Chemical Society and the local section of the Royal Institute of Chemistry): October 13th, *Lecture*, "Some Aspects of the Chemistry of Sulphur Compounds occurring in Nature", by Professor F. Challenger; November 17th, *Lecture*, "Ion-exchange Resins", by Professor C. W. Davies.

APPENDIX B.

ANNUAL REPORT OF THE JOINT LIBRARY COMMITTEE FOR THE YEAR 1950.

The fact that most of the figures relating to the activities of the Library for 1950 show a decrease compared with those for the previous year suggests that the work of the Library has decreased. This, however, is not so, as the accommodation in the Reading Room is frequently severely taxed and the increasing dispersal of books throughout the building adds considerably to the work of the staff. A good deal of headway has been made in catching up arrears of binding which accumulated during the war.

The number of printed pages of which photostat copies were made during 1950 was 3952, compared with 5018 in 1949. The telephone enquiries number 2377, an increase of 392 over the previous year. A total of 422 books was added to the Library, of which 124 were presented. The number of volumes of periodicals added reached 898, and there were also 233 pamphlets received. The total number of volumes in the Library would have reached 51,999, but 425 volumes of periodicals which are outside the present scope of the Library were disposed of for the benefit of needy libraries, so the actual total is 51,574, of which 15,795 are books and 35,779 volumes of periodicals.

		Books borrowed.	Books.	Additions:	
	Attendances.			Volumes of periodicals.	Pamphlets.
1950	10,415	8294 (3284 by post)	422	898	233
1949	10,778	8926 (4177 by post)	319	573	224

An Edison-Swan Microfilm Reader has been purchased for use in the Library to replace the Spencer Reader, and this has proved a great advantage to readers wishing to consult microfilms.

It is gratifying to note that nearly twice as many books were presented to the Library in 1950 as in the previous year. These range from photostat copies of extremely rare books to newly published items. The Committee is most grateful to all those who have shown their appreciation of the Library in this way.

INCOME AND EXPENDITURE GENERAL PURPOSES ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1950.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
22,628	19 8	22,628	19 8	4204	9 1	4204	9 1
594	0 11	594	0 11	461	19 10	461	19 10
300	9 10	300	9 10	1126	11 0	1126	11 0
91	18 2	91	18 2	117	12 0	117	12 0
101	9 5	101	9 5	817	0 2	817	0 2
111	4 5	111	4 5	230	10 3	230	10 3
£23,851	7 5	£23,851	7 5	205	16 0	205	16 0
				268	8 3	268	8 3
				7492	6 7	7492	6 7
				1400	0 0	1400	0 0
				411	16 6	411	16 6
				31	10 0	31	10 0
				11,810	4 4	11,810	4 4
				943	6 9	943	6 9
				618	7 6	618	7 6
				1561	14 3	1561	14 3
				300	0 0	300	0 0
				386	17 6	386	17 6
				21	10 0	21	10 0
				340	16 9	340	16 9
				84	11 6	84	11 6
				2725	1 10	2725	1 10
				724	12 7	724	12 7
				3449	14 6	3449	14 6
				300	0 0	300	0 0
				463	19 10	463	19 10
				861	0 8	861	0 8
				£28,600	16 0	£28,600	16 0

Income.

Expenditure.

To Life Composition Fees
 " Annual Subscriptions:
 " Single-body Fellows—
 Received in advance, on account of
 1950
 Received during 1950 on account of
 1950
 Received during 1950 on account of
 1949 and previous years
 Joint Fellows—
 Received in advance on account of
 1950
 Received during 1950 on account of
 1950
 Received during 1950 on account of
 1949 and previous years
 Less Amount included in last year's
 Income, being valuation of Arrears
 as per last Balance Sheet
 Add Arrears to date estimated to
 realise as per Balance Sheet
 Add Adjustment of cost of publica-
 tions supplied to Joint Members
 Dividends on Investments
 Income Tax recovered
 Donations
 Miscellaneous Receipts
 Balance, being Excess of Expenditure
 over Income, carried to Balance
 Sheet

By Administration Expenses:
 Office Salaries and Wages
 Superannuation
 House Expenses, etc.
 Accountants' Charges
 Printing, Stationery, and Office Expenses
 Postages
 Furniture
 Miscellaneous
 Expenses on Account of Conjoint Chemical
 Office
 Expenses of Meetings
 Donations
 Balance of Expenditure on Publications to
 Publications Account
 Contribution to Library Account:
 For Fittings, Furniture, Books, Periodicals,
 and Binding
 Proportion of Maintenance
 Transfer to Staff Pensions Fund
 Expenses of Local Representatives
 Legal Charges
 Travelling Expenses of Members of Council
 Loss on Exchange (Australia)

£23,851 7 5

£28,600 16 0

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1950.

PUBLICATIONS.

1949			1950			1949			1950		
£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
<i>Income.</i>											
To Publication Sales (including back numbers):											
8793	5	6	11,914	7	6	8635	11	11	4063	9	2
1447	19	4	1825	17	4	535	6	6	367	1	4
1364	10	8	1470	17	7	21,998	13	6	20,024	6	6
1766	16	6	1409	19	9	3080	13	6	3264	13	3
892	14	2	156	19	4	3085	13	3	2504	11	7
12	3	8	5	12	9	100	0	0	100	0	0
13,777	9	10	16,783	14	3	152	0	8	405	9	9
784	13	7	883	19	1	124	4	6	391	3	9
48	6	11	91	5	5	129	4	6	147	12	9
73	16	11	57	7	2	302	6	2	442	19	7
2333	6	8	10,000	0	0	31,963	6	5	10,600	0	0
" Net Proceeds of Advertisements:											
Journal 883 19 1											
Quarterly Reviews 91 5 5											
Annual Reports 57 7 2											
" Donations:											
The Chemical Council 1483 18 4											
The Chemical Council (for British Abstracts, AII)... .. 10,000 0 0											
" Government Publications Grant (through the Royal Society) 2833 6 8											
" Cost of Publishing Centenary Lectures: 2900 0 0											
" Cost of Publishing Centenary Lectures: 25 4 0											
" Cost of Publishing Centenary Lectures: 50 0 0											
" Cost of Publishing Centenary Lectures: 736 18 2											
" Donations on Investments 196 3 6											
" Income Tax recovered 133 5 6											
" Transfer from Special Reserve Fund 9000 0 0											
" Miscellaneous Receipts 6 12 7											
" Transfer from General Purposes Account (the balance of expenditure on publications) 11,810 4 4											
<u>£41,875 18 0</u>			<u>£48,812 18 4</u>			<u>£41,875 18 0</u>			<u>£48,812 18 4</u>		
<i>Expenditure.</i>											
By Expenses on account of Journal:											
Salaries and Wages 4063 9 2											
Superannuation 367 1 4											
Printing and Paper 20,024 6 6											
Binding and Distribution 3264 13 3											
Authors' Reprints 2504 11 7											
Indexing 100 0 0											
Furniture 405 9 9											
Office Printing and Stationery 391 3 9											
Editorial Postages 147 12 9											
Miscellaneous 442 19 7											
" Contributions to Bureau of Abstracts: 10,600 0 0											
" Grants: 5300 0 0											
" The Chemical Council (for British Abstracts, AII) through the Chemical Council 1483 18 4											
" Annual Reports on the Progress of Chemistry 2154 16 8											
" Quarterly Reviews 2457 14 11											
<u>£41,875 18 0</u>			<u>£48,812 18 4</u>			<u>£41,875 18 0</u>			<u>£48,812 18 4</u>		

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1950.

LIBRARY.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
843	6 9	2795	1 10	870	10 6	1307	0 11
200	0 0	300	0 0	34	6 9	73	12 6
1143	6 9	3025	1 10	238	9 6	1644	8 5
618	7 6	794	12 7	3049	8 7	3017	14 2
1188	1 4	1645	13 2	277	2 10	288	6 4
686	1 0	606	2 4	65	11 4	77	9 7
132	2 2	169	6 2	199	0 6	336	12 3
101	3 9	115	2 7	131	15 9	146	17 9
122	2 2	125	5 8	134	3 11	105	10 0
326	6 7	371	11 7	3857	2 11	3972	10 1
3636	2 6	3757	14 1				
100	0 0	100	0 0				
50	0 0	50	0 0				
10	0 0	10	0 0				
60	10 5	54	6 0				
221	0 5	214	16 0				
£5000	9 8	£6997	11 11	£5000	9 8	£6997	11 11

• Other than those received in exchange.

Income.		Expenditure.	
To Contributions for Fittings, Furniture, Books, Periodicals, and Binding:		By Capital and Extraordinary Expenditure:	
Transfer from General Purposes Account ...		Books and Periodicals* ...	
" Government Grant (through the Royal Society) ...		Furniture ...	
" Contributions towards maintenance:		Binding ...	
Through the Chemical Council:		Maintenance:	
Chemical Society (transfer from General Purposes Account) ...		Salaries and Wages ...	
Royal Institute of Chemistry ...		Superannuation of Library Staff ...	
Society of Chemical Industry ...		Postages ...	
Faraday Society ...		House Expenses, etc. ...	
Society of Public Analysts and other ...		Office Expenses and Stationery ...	
Analytical Chemists ...		Miscellaneous Expenses ...	
Biochemical Society ...			
From the Chemical Council ...			
Contributions, etc. received from other sources towards maintenance:			
Association of British Chemical Manufacturers ...			
Institute of Brewing ...			
Society of Dyers and Colourists ...			
Miscellaneous receipts ...			

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1950.

STAFF PENSIONS FUND.

		Income.		Expenditure.	
		1949		1950	
£	s. d.	£	s. d.	£	s. d.
300	0 0	300	0 0	965	0 0
91	2 7	95	14 4	By Pensions	...
31	14 9	4	11 8	" Miscellaneous Expenses	...
11	9 1	11	3 6	...	...
537	7 10	559	2 0	...	...
			
		£971	14 3	£970	11 6

THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.

		Income.		Expenditure.	
		1949		1950	
£	s. d.	£	s. d.	£	s. d.
26	14 10	46	16 10	15	15 0
20	2 0	10	1 0	Miscellaneous Expenses	...
				" Balance, being Excess of Income over	...
				Sheet	...
		£56	17 10	26	15 11
				£56	17 10

SPECIAL LECTURES FUND.

		Income.		Expenditure.	
		1949		1950	
£	s. d.	£	s. d.	£	s. d.
24	11 3	46	17 0	25	0 0
9	10 11	10	10 9	Miscellaneous Expenses	...
4	11	1	14 4	" Balance, being Excess of Income over	...
		32	13 9	Sheet	...
		£57	7 9	29	10 5
				£57	7 9

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1950.

THE FARADAY LECTURE FUND.

		1950		1949		1950	
		£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
1949	To Dividend on Investment	7	17 1	15	8 8	15	8 8
	" Income Tax recovered	5	18 0	3	9 5	3	9 5
	" Interest on Deposit	1	11			13	9
	" Balance, being Excess of Expenditure over Income, carried to Balance Sheet			11	0 2	13	3 3
		£13	17 0	£29	18 3	£29	18 3
<i>Expenditure.</i>							
	By Honorarium						
	" Faraday Medal						
	" Miscellaneous Expenses						
	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet			13	3 3		
		£29	18 3	£13	17 0	£29	18 3

THE TILDEN LECTURE FUND.

		1950		1949		1950	
		£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
1949	To Dividends on Investments	27	11 1	67	10 8	31	10 0
	" Income Tax recovered	3	0	19	10 1	86	9 5
	" Interest on Deposit			3	0	23	4 0
	" Balance, being Excess of Expenditure over Income, carried to Balance Sheet	31	11 2			3	4 10
		£96	8 3	£87	3 9	£87	3 9
<i>Expenditure.</i>							
	By Honoraria						
	" Lecture Expenses						
	" Transfer to Publications Account, for cost of publication of Lectures						
	" Miscellaneous Expenses						
	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet						
		£87	3 9	£86	8 3	£87	3 9

CENTENARY FUND.

		1950		1949		1950	
		£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
1949	To Dividends on Investments	240	10 0	529	5 6	337	10 11
	" Income Tax recovered	206	17 5	106	4 6	22	7 4
	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet					87	9 2
		£447	7 5	£635	10 0	£447	7 5
<i>Expenditure.</i>							
	By Expenses of Lecturers & Delegates						
	" Miscellaneous Expenses						
	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet						
		£393	16 1	£635	10 0	£447	7 5

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1950.

THE ROBERT JOHN FLINTOFF TRUST.

		<i>Income.</i>		<i>Expenditure.</i>	
	1949	1950	1949	1950	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
To Dividends on Investments	...	...	...	...	...
" Interest	...	...	...	...	...
	8 17 2	— — —	26 9 11	— — —	1 6 6
	£8 17 2	£26 9 11	£3 17 2	£26 9 11	26 3 6
					By Miscellaneous Expenses
					" By Balance, being Excess of Income over Expenditure, carried to Balance Sheet

THE CORDAY-MORGAN MEMORIAL FUND.

		<i>Income.</i>		<i>Expenditure.</i>	
	1949	1950	1949	1950	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
To Dividends on Investments	...	...	...	...	...
" Interest on Deposit...	...	...	...	...	...
	158 19 11	6 17 7	158 19 11	6 17 7	58 16 6
	£165 17 6	£165 17 6	£165 17 6	£165 17 6	46 8 3
					By Memorial Expenses (Clause 12 of the Will)
					" Miscellaneous Expenses
					" Balance, being Excess of Income over Expenditure, carried to Balance Sheet

THE CORDAY-MORGAN MEDAL AND PRIZE FUND.

		<i>Income.</i>		<i>Expenditure.</i>	
	1949	1950	1949	1950	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
To Dividends on Investments	...	...	...	...	...
" Interest on Deposit	...	...	...	...	...
	98 12 3	12 11	98 12 3	12 11	7 10 0
	£99 5 2	£99 5 2	£99 5 2	£99 5 2	24 1 1
					By Cost of Medal
					" Miscellaneous Expenses
					" Balance, being Excess of Income over Expenditure, carried to Balance Sheet

THE CHEMICAL SOCIETY. BALANCE SHEETS, 31ST DECEMBER, 1950.

PUBLICATIONS FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
9,978	19 7	14	14 7	10,978	19 7	14	14 7
1,000	0 0	—	—	—	—	—	—
<u>£10,978 19 7</u>		<u>£14 14 7</u>		<u>£10,978 19 7</u>		<u>£14 14 7</u>	
To Sundry Creditors		To Sundry Creditors		By Sundry Debtors		By Sundry Debtors	
" Reserve for Publications as per last Balance Sheet		" Reserve for Publications as per last Balance Sheet		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Add Legacy—W. H. Perkin		" Add Legacy—W. H. Perkin		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
<u>£10,978 19 7</u>		<u>£14 14 7</u>		<u>£10,978 19 7</u>		<u>£14 14 7</u>	

SPECIAL RESERVE FUND.

£	s. d.	£	s. d.	£	s. d.	£	s. d.
9085	0 7	85	0 7	8458	7 0	444	18 1
9000	0 0	—	—	—	—	—	—
3350	0 0	1309	17 8	—	—	—	—
—	—	—	—	825	0 0	—	—
1650	1 11	2133	6 10	2133	6 10	—	—
51	19 6	15	0 0	15	0 0	—	—
431	5 5	286	12 2	286	12 2	—	—
2133	6 10	2434	19 0	2434	19 0	—	—
—	—	23	2 7	23	2 7	—	—
—	—	2133	6 10	2133	6 10	—	—
<u>£9085 0 7</u>		<u>£85 0 7</u>		<u>£8458 7 0</u>		<u>£444 18 1</u>	
To Sundry Creditors		To Sundry Creditors		By Investments as per Schedule (cost or value when acquired)		By Investments as per Schedule (cost or value when acquired)	
" Reserve for Publications as per last Balance Sheet		" Reserve for Publications as per last Balance Sheet		" Cash at Bank and on Deposit in London Trustee Savings Bank		" Cash at Bank and on Deposit in London Trustee Savings Bank	
" Deduct Amount transferred to Publications Account		" Deduct Amount transferred to Publications Account		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Reserve for Library Books and Binding as per last Balance Sheet		" Reserve for Library Books and Binding as per last Balance Sheet		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Reserve for Research Fund as per last Balance Sheet		" Reserve for Research Fund as per last Balance Sheet		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Deduct Amount transferred to Research Fund		" Deduct Amount transferred to Research Fund		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Reserve for Building Fund		" Reserve for Building Fund		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Excess of Income over Expenditure brought forward		" Excess of Income over Expenditure brought forward		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Add Profit on transfer of Investments		" Add Profit on transfer of Investments		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Add Excess of Income over Expenditure for year		" Add Excess of Income over Expenditure for year		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
" Deduct Loss on transfer of Investments		" Deduct Loss on transfer of Investments		" Investments as per Schedule (cost or value when acquired)		" Investments as per Schedule (cost or value when acquired)	
<u>£9085 0 7</u>		<u>£85 0 7</u>		<u>£8458 7 0</u>		<u>£444 18 1</u>	
£4631 14 8		£8903 5 1		£4631 14 8		£8903 5 1	

THE CHEMICAL SOCIETY. BALANCE SHEETS, 31st DECEMBER, 1950.

RESEARCH FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
20,689	8 10			19,492	17 3	19,492	17 3
				1,827	19 4	1,827	19 4
20,689	8 10	20,577	15 10				
111	13 0						
		23,928	9 0				
		£24,613	10 0	£21,320	16 7	£24,613	10 0

Liabilities.

To Sundry Creditors	£ 743 0 9
" Excess of Assets over Liabilities as per last Balance Sheet	20,577 15 10
Add Amount received from Trustees of W. S. Gilles—Balance of Legacy	80 7 4
Add Value of Investments transferred from Special Reserve Fund	3350 0 0
Deduct Excess of Expenditure over Income for year	24,008 3 2
	79 14 2
	23,928 9 0
	£24,613 10 0
	£21,320 16 7

Assets.

By Sundry Debtors	£ 27 0 0
" Investments as per Schedule (cost or value when acquired)	23,923 4 7
" Cash at Bank and on deposit in Post Office Savings Bank	663 5 6
	£24,613 10 0

SPECIAL PUBLICATIONS FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
3207	5 11			2011	19 10	2011	19 10
				858	0 9	858	0 9
3207	5 11	2948	16 3				
382	1 3						
		2948	16 3				
		£3369	8 8	£2890	11 11	£3369	8 8

To Sundry Creditors	£ 65 7 3
" Cumulative Index to the Annual Reports, 1904-1949 (Preparatory Expenses)	387 18 7
" Excess of Assets over Liabilities as per last Balance Sheet	2825 4 8
Add Excess of Income over Expenditure for year	123 11 7
Deduct Excess of Expenditure over Income for year	2948 16 3
	2948 16 3
	£3369 8 8
	£2890 11 11

By Sundry Debtors	£ 23 8 11
" Cumulative Index to the Annual Reports, 1904-1949 (Preliminary Expenses)	107 7 11
" Investments as per Schedule (cost or value when acquired)	2011 19 10
" Cash at Bank and on deposit in the Post Office Savings Bank and London Trustee Savings Bank	1226 12 0
	£3369 8 8

STAFF PENSIONS FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
6068	15 1			300	0 0	300	0 0
160	8 6			3726	6 0	3726	6 0
				662	4 0	662	4 0
6219	3 7	4681	15 9				
537	7 10						
		4681	15 9				
		559	2 0				
		4123	13 9				
		£4688	10 0	£4688	10 0	£4688	10 0

To Sundry Creditors	£ 6 14 3
" Excess of Assets over Liabilities as per last Balance Sheet	4681 15 9
Add Profit on sale of Investments	—
Deduct Excess of Expenditure over Income for year	4681 15 9
	559 2 0
	4123 13 9
	£4688 10 0

By Sundry Debtors	£ 3726 6 0
" Investments as per Schedule (cost or value when acquired)	662 4 0
" Cash at Bank and on deposit in the Post Office Savings Bank	526 19 3
	£4263 5 3

THE CHEMICAL SOCIETY. BALANCE SHEETS, 31ST DECEMBER, 1950.

THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.

		1950		1949		1950		1949		
£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	
		<i>Liabilities.</i>				<i>Assets.</i>				
1146	19 9	To Sundry Creditors	2 6 10	1101	7 11	By Investments as per Schedule (cost or value when acquired)	1101	7 11	1101	7 11
		" Excess of Assets over Liabilities as per last Balance Sheet	1191 9 9	92	8 8	" Cash at Bank	1191	14 8	119	14 8
44	10 0	Add Excess of Income over Expenditure for year	26 16 11	1218	5 8					
			<u>£1193 16 7</u>							<u>£1221 2 7</u>
										<u>£1221 2 7</u>

SPECIAL LECTURES FUND.

1662	0 11	To Sundry Creditors	2 17 4	1615	5 0	By Investment as per Schedule (cost or value when acquired)	1615	5 0
		" Excess of Assets over Liabilities as per last Balance Sheet	1614 13 8	101	3 0	" Cash at Bank	31	16 8
32	13 9	Add Excess of Income over Expenditure for year	29 10 5	1644	4 1			
			<u>£1647 1 5</u>					<u>£1647 1 5</u>

THE FARADAY LECTURE FUND.

470	13 9	To Sundry Creditors	18 11	439	4 0	By Investment as per Schedule (cost or value when acquired)	439	4 0
		" Excess of Assets over Liabilities as per last Balance Sheet	483 17 0	45	6 9	" Cash at Bank	34	11 9
13	3 3	Add Excess of Income over Expenditure for year	483 17 0					
483	17 0	Deduct Excess of Expenditure over Income for year	11 0 2	472	16 10			
			<u>£484 10 9</u>					<u>£473 16 9</u>
								<u>£473 16 9</u>

THE CHEMICAL SOCIETY. BALANCE SHEETS, 31ST DECEMBER, 1950.

THE CORDAY-MORGAN MEMORIAL FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>				<i>Assets.</i>			
To Sundry Creditors	By Sundry Debtors	...	...	...
" Amount received from Public Trustee:—	" Investments as per Schedule (cost or value when acquired)	...	...	...
On Capital Account	...	34	1 1	" Cash at Bank (including Deposit)	...	...	...
On Income Account (1944-1949)	8513 17 6				
Income Tax recovered	1047 13 9				
			1095 0 11				
			2142 14 8				
			61 12 9				
			2204 7 5				
			£10,752 6 0				£10,752 6 0

THE CORDAY-MORGAN MEDAL AND PRIZE FUND.

1949		1950		1949		1950	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>				<i>Assets.</i>			
To Sundry Creditors	By Sundry Debtors	...	...	...
" Amount received from Public Trustee:—	" Investments as per Schedule (cost or value when acquired)	...	...	...
On Capital Account	5 0 3	" Cash at Bank (including Deposit)	...	...	...
On Income Account (1944-1949)	4985 17 9				
Income Tax recovered	598 13 9				
			681 10 9				
			1280 4 6				
			188 8 0				
			1041 16 6				
			67 14 1				
			1109 10 7				
			£6100 8 7				£6100 8 7

SCHEDULE OF INVESTMENTS.

GENERAL PURPOSES.

Nominal Details.	Cost or Value when Acquired.		Market Value 31st December, 1950.	
	£	s. d.	£	s. d.
£2426 15s. 0d. 3½% Conversion Loan, 1961, or after ...	1884	12 8	2336	14 10
£2408 2s. 6d. 3% Funding Loan, 1959/69 ...	2429	11 5	2384	0 10
£2400 3s. Savings Bonds, 1960/70 ...	2418	11 0	2370	14 7
£2000 3s. Savings Bonds, 1965/75 ...	2006	4 5	1936	0 0
£4747 4s. 5d. 3% British Transport Guaranteed Stock, 1978/88 ...	5704	9 8	4343	14 3
£2546 1s. 4d. 3% British Electricity Guaranteed Stock, 1968/73 ...	2649	4 5	2469	13 8
£1200 2½% Defence Bonds ...	1200	0 0	1200	0 0
£2400 2½% Bristol Corporation Debenture Stock, 1957 ...	2070	2 0	2352	0 0
£1650 3½% London County Consolidated Stock, 1954/59 ...	1639	2 6	1573	5 0
£2000 3% London County Consolidated Stock, 1962/67 ...	2032	10 0	1970	0 0
£2000 3% Commonwealth of Australia Registered Stock, 1964/66 ...	2009	7 6	2462	10 0
£A3000 4% Commonwealth of Australia Treasury Bonds, 1961 ...	2552	16 7	2430	0 0
	£28,996	12 2	£27,826	13 2

PUBLICATIONS FUND.

£2260 19s. 3d. 3½% Conversion Loan, 1961, or after ...	1566	16 4	2176	3 11
£1000 3% Savings Bonds, 1955/65 ...	1000	0 0	1012	10 0
£2261 1s. 11d. 3% Savings Bonds, 1960/70 ...	2276	1 11	2232	16 8
£2175 13s. 4d. 3% British Transport Guaranteed Stock, 1978/88 ...	1929	1 4	1990	14 9
£2000 3% British Electricity Guaranteed Stock, 1968/73 ...	2002	10 0	1940	0 0
£1200 3% Commonwealth of Australia Registered Stock, 1964/66 ...	1204	10 0	1182	0 0
£982 12s. 0d. 3% Southern Rhodesia Stock, 1971/73 ...	1000	0 0	953	2 5
	£10,978	19 7	£11,487	7 9

SPECIAL RESERVE FUND.

£1165 2½% Funding Loan, 1956/61 ...	1169	7 5	1162	1 9
£2882 10s. 9d. 3% Liverpool Corporation Stock, 1955/58 ...	2647	2 0	2608	7 3
	£3816	9 5	£3770	9 0

CORDAY-MORGAN MEMORIAL FUND.

Nominal Details.	Cost or Value when Acquired.		Market Value 31st December, 1950.	
	£	s. d.	£	s. d.
£343 15s. 0d. 3½% Conversion Loan, 1961, or after ...	330	0 0	330	17 2
£1973 16s. 11d. 3½% War Stock, 1952, or after ...	1880	1 10	1880	7 0
£477 1s. 10d. 3% British Electricity Guaranteed Stock, 1968/73 ...	460	17 0	461	11 9
£273 15s. 4d. 3% British Gas Guaranteed Stock, 1950/95 ...	247	15 2	249	16 3
£217 12s. 6d. 3% London County Consolidated Stock, 1962/67 ...	208	7 6	214	7 3
£300 4½% Hull Corporation Stock, 1952/72 ...	303	15 0	307	10 0
£412 10s. 0d. 4½% City of Plymouth Stock, 1954 ...	405	5 7	429	18 2
£137 10s. 0d. 4½% Kenya Government Stock, 1961/71 ...	148	16 11	181	18 9
£300 3% New Zealand Government Stock, 1952/55 ...	288	10 0	304	10 0
£68 Barclays Bank, Ltd., "B" Ordinary £1 Stock Units ...	237	3 0	236	9 0
£206 Baskings Watford Brewery, Ltd., Ordinary £1 Shares ...	684	19 0	688	17 3
£206 H. & G. Simmonds, Ltd., Ordinary £1 Stock Units ...	824	0 0	733	16 0
£100 Imperial Tobacco (G.B. & I.) Ltd., Ordinary £1 Shares ...	506	5 0	512	16 0
£340 Alliance Trust, Ltd., 4½% Debenture Stock, 1956 ...	107	6 6	126	18 0
£69 London & Lancashire Insurance Co., Ltd., Ordinary £1 Stock Units ...	344	5 0	350	4 0
£68 Phoenix Assurance Co., Ltd., Ordinary £1 Stock Units ...	448	10 0	474	7 6
	£1088	0 0	£1202	15 0
	£5513	17 6	£5632	9 6

CORDAY-MORGAN MEDAL AND PRIZE FUND.

£1398 5s. 4d. 3½% War Stock, 1952, or after ...	1325	14 0	1317	17 4
£206 5s. 0d. 4% Consolidated Stock, 1957, or after ...	213	9 4	211	8 2
£137 10s. 0d. 3½% Bournemouth Corporation Stock, 1958/62 ...	153	14 5	138	17 6
£206 5s. 0d. 4½% Bristol Corporation Stock, 1952/69 ...	208	16 7	213	9 4
£206 5s. 0d. 4½% Hertfordshire County Council Stock, 1955/65 ...	215	0 4	220	13 9
£206 5s. 0d. 3% Hertfordshire County Council Stock, 1954/59 ...	297	15 0	312	0 0
£206 5s. 0d. 3% Hertfordshire Government Stock, 1976/80 ...	190	5 4	194	0 1
£137 10s. 0d. 3% Federated Malay States Government Stock, 1960/70 ...	201	7 6	127	3 9
£90 Barclays Bank (D. C. & O.) Ltd., "A" Ordinary £1 Stock Units ...	713	16 0	500	15 0
£172 Mitchells & Butlers, Ltd., Ordinary £1 Shares ...	597	8 0	530	9 0
£206 W. & A. Deacons, Ltd., Ordinary £1 Shares ...	263	5 0	266	10 0
£240 Cardinal Investment Trust, Ltd., 3½% Debenture Stock ...	291	0 0	283	4 0
£104 Commercial Union Assurance Co., Ltd., Ordinary £1 Stock Units ...	1014	0 0	1144	0 0
	£7856	17 9	£5664	18 4

SCHEDULE OF INVESTMENTS.

CENTENARY FUND.

<i>Nominal Details.</i>	<i>Cost or Value when Acquired.</i>		<i>Market Value 31st December, 1950.</i>	
	£	s. d.	£	s. d.
£2477 13s. 11d. 3% Savings Bonds, 1955/65	2481	11 10	2508	13 4
£2500 3% Savings Bonds, 1960/70	2554	7 6	2465	16 0
£2705 18s. 7d. 2½% Savings Bonds, 1964/67	2600	0 0	2537	12 7
£2779 13s. 0d. 3% British Transport Guaranteed Stock, 1978/88	2735	7 3	2456	12 0
£2800 3% British Electricity Guaranteed Stock, 1968/73	2825	8 6	1831	9 11
£1970 1s. 0d. 3% New Zealand Stock, 1973/77	1700	0 0	1700	0 0
£1970 13s. 2d. 3½% Northern Ireland Stock, 1969/71	1700	0 0	2940	0 0
£A3500 4% Commonwealth of Australia Treasury Bonds, 1961	2836	7 6		
	£18,898	3 4	£18,566	15 11

THE FARADAY LECTURE FUND.

£441 1s. 11d. 3½% Conversion Loan, 1961, or after	£439	4 0	£424	11 1
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ROBERT JOHN FLINTOFF TRUST.

£523 2s. 2d. 3½% Conversion Loan, 1961, or after	500	0 0	503	9 10
£545 19s. 4d. 3½% British Transport Guaranteed Stock, 1978/88	500	0 0	499	11 2
	£1000	0 0	£1003	1 0

RESEARCH FUND.

£4177 16s. 1d. 3½% Conversion Loan, 1961, or after	3625	16 8	4021	2 9
£500 Defence Bonds, 4th issue	500	0 0	500	0 0
£1835 2½% Funding Loan, 1956/61	1835	0 0	1830	8 3
£1600 3% Savings Bonds, 1955/65	1516	0 0	1818	15 0
£4000 3% Savings Bonds, 1960/70	4000	0 0	3950	0 0
£3765 2s. 1d. 3% British Transport Guaranteed Stock, 1978/88	3567	19 6	3435	18 6
£3719 8s. 2d. 3% British Electricity Guaranteed Stock, 1968/73	3724	1 2	3607	16 6
£4000 3% Commonwealth of Australia Registered Stock, 1964/66	4019	0 0	3940	0 0
£1116 7s. 0d. 3% New Zealand Stock, 1973/77	1080	7 4	1066	2 4
	£23,923	4 7	£23,870	3 3

THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.

<i>Nominal Details.</i>	<i>Cost or Value when Acquired.</i>		<i>Market Value 31st December, 1950.</i>	
	£	s. d.	£	s. d.
£61 15s. 8d. 3½% Conversion Loan, 1961, or after	60	1 5	59	9 4
£1489 10s. 6d. 3% British Transport Guaranteed Stock, 1978/88	1051	6 6	1362	18 4
	£1101	7 11	£1422	7 8

SPECIAL LECTURES FUND.

£1669 17s. 3d. 3% British Transport Guaranteed Stock, 1978/88	£1615	6 0	£1527	18 6
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SPECIAL PUBLICATIONS FUND.

£715 8s. 10d. 3½% Conversion Loan, 1961, or after	641	2 4	688	12 3
£746 1s. 0d. 3% British Transport Guaranteed Stock, 1978/88	719	18 9	682	13 9
£750 3% British Electricity Guaranteed Stock, 1968/73	750	18 9	727	10 0
	£2011	19 10	£2098	15 0

STAFF PENSIONS FUND.

£114 1s. 11d. 3½% Conversion Loan, 1961, or after	88	2 3	109	16 4
£150 2½% National War Bonds 1951/53	150	0 0	131	2 6
£170 3% Savings Bonds, 1955/65	170	0 0	171	7 9
£815 2s. 7d. 2½% Funding Loan, 1956/61	818	3 8	811	1 1
£2500 2½% Defence Bonds	2500	0 0	2500	0 0
	£3726	6 0	£3739	17 5

THE TILDEN LECTURE FUND.

£419 4s. 10d. 3% Funding Loan, 1959/69	386	12 10	416	0 11
£681 13s. 1d. 3% British Transport Guaranteed Stock, 1978/88	625	2 0	623	19 9
£85 National Provincial Bank Shares £5 each, £1 paid 'B'	678	18 0	664	19 0
£220 3% Metropolitan Water Board (Kent Water Works) Deb. Stock	188	2 0	184	16 0
	£1878	14 10	£1888	16 8

W. A. AKERS, *Treasurer.*

W. B. KEEN & Co.

Chartered Accountants.

We have examined the above Balance Sheets and accompanying Income and Expenditure Accounts with the Books and Vouchers of the Society, and certify them to be in accordance therewith and, in our opinion, correct. We have also verified the Balances at the Bankers and Investments.

FINSBURY CIRCUS HOUSE,
BLOMFIELD STREET, E.C.2.
MARCH 15TH, 1961.