

ANNUAL GENERAL MEETING.

THE Annual General Meeting was held on Thursday, March 30th, 1933, at 4 p.m., the President, Professor G. G. HENDERSON, M.A., D.Sc., F.R.S., being in the Chair.

After the notice summoning the meeting had been read, the President presented the Report of Council for 1932—1933, together with the Balance Sheets and Statements of Accounts for 1932, and asked the Treasurer to comment on the finances of the Society.

In making his statement, the Treasurer dealt with the Accounts in detail. He pointed out that notwithstanding the credit balance of £12 16s. 1d., he did not consider that the financial difficulties had been permanently overcome, because the balancing of the budget was not due to an increase of income from internal sources, but mainly to donations received from outside. He referred to the large amount due for outstanding subscriptions, and again appealed to those Fellows who had fallen behind in their payments to make every effort to remit these at an early date. In conclusion, he expressed the hope that Fellows would do their utmost to induce Chemists to join the Society and support the Council in its efforts to increase the membership. If the 1926 level, when there were 4093 Fellows, could be reached, the Society would be established in a strong financial position and the Council relieved of anxiety.

REPORT OF COUNCIL, 1932—1933.

I. *Fellowship Statistics.*

THE number of Fellows at December 31st, 1931, was 3775. In 1932, 141 Fellows were elected and 14 reinstated (compared with 165 and 7, respectively, in 1931), making a gross total of 3930. The Society has lost 43 Fellows by death, 166 by resignation, and 113 by removal for non-payment of annual subscriptions (the corresponding figures in 1931 being 61, 97, and 79, respectively). The resignations and removals were higher in 1932 than in 1931 because a number had been held over by the Council from the previous year. The number of Fellows at December 31st, 1932, therefore, was 3608, showing a decrease of 167, as against 65 in 1931.

The number of new Fellows elected in 1932 is 45 below the average of the past five years, and the Council hopes that the decision to allow Fellows under 25 years of age to pay a reduced annual subscription and the steps taken to increase interest in the activities of the Society will have a beneficial effect on the number of Fellows elected in 1933.

During the year, the Society has lost one of its Honorary Fellows, Professor Wilhelm Ostwald (elected in October 1929, and died on April 4th).

II. *Jubilee Fellows.*

Sixty years.

	Elected.
Thomas Williams	December 5th, 1872.

Fifty years.

Launcelot Winchester Andrews	May 4th, 1882.
Sir John Gustav Jarmay	November 16th, 1882.
Thomas Rennie Cowie	December 7th, 1882.
Frederick Woodward Branson	December 7th, 1882.
John Thomas Dunn	December 7th, 1882.
George Gray	December 7th, 1882.
Alfred Graveley Howard	December 7th, 1882.
James Lewes Howe	December 7th, 1882.
Robert Henry Parker	December 7th, 1882.
Alfred Henrick Jackson	February 1st, 1883.
Frederic William Richardson	February 1st, 1883.
Ernest Samuel Spencer	February 1st, 1883.
Thomas Turner	February 1st, 1883.
Septimus Dyson	March 1st, 1883.
David Hooper	March 1st, 1883.
James Ernest Marsh	March 1st, 1883.
Frank Scudder	March 1st, 1883.
Charles Stuart Stanford Webster	March 1st, 1883.

III. *Journal.*

The Journal for 1932 contains 2999 pages, of which 2880 pages are occupied by 457 memoirs and 34 notes, and the remaining 119 pages by three lectures (57 pages), the Presidential address (10 pages) Obituary Notices (33 pages), and the account of the Annual General Meeting (19 pages). Of the 510 papers offered in 1932 for publication in the Journal, 18 were declined, the corresponding numbers for 1931 being 583 and 21; of those published, 160 deal with General, Physical, and Inorganic Chemistry, and 331 with Organic Chemistry. The average interval between the receipt and the publication of a paper has remained unchanged.

In January 1933 the size of the Journal page was increased to 10" \times 7½" and a slightly heavier and thicker paper brought into use.

IV. *Abstracts.*

The number and average length of the Abstracts in Sections "A" and "B" published during 1932, with the comparative figures for 1931, are as follows:

	A.			B.		
	Number of Abstracts.	Number of pages.	Average length of Abstract.	Number of Abstracts.	Number of pages.	Average length of Abstract.
1932	12,549	1296	0.21 col.	13,015	1138	0.18 col.
1931	12,381	1466	0.24 col.	11,709	1156	0.20 col.

The 12,549 "A" Abstracts comprised 6060 in General, Physical, and Inorganic Chemistry, 364 in Geochemistry, 2603 in Organic Chemistry, and 3522 in Biochemistry. The corresponding figures for 1931 were 6026, 275, 2726, and 3354. Of the 13,015 "B" Abstracts 5937 were from Journal literature and 7078 were abstracts of Patents (in 1931: 5086 and 6623, respectively).

The arrangement with the American Chemical Society for collaboration in the preparation of abstracts, to which reference was made last year, has unfortunately proved to be impracticable, and has been abandoned after a complete year's trial.

An arrangement for the exchange of abstracts with "Nutrition Abstracts and Reviews" has just been put into operation; it is hoped thereby to extend the usefulness of the Abstracts in this branch of Science.

Index. The joint Annual Index for the Abstracts for 1931 covered 594 pages as compared with 705 pages for the 1930 Index. Notwithstanding the reduction of more than one hundred pages, the actual number of entries in the Index increased slightly, from about 77,250 in 1930 to 78,000 in 1931.

Decennial Index. The printing of the Decennial Index is to be entrusted to Messrs. R. Clay & Sons, Ltd., and it is hoped that the Names section of the Index will be ready for issue early in 1934.

V. *Library.*

Excluding the evenings on which meetings of the Society were held, there were 8400 attendances during the past year as compared with 8263 in 1931. Of the 8400, 5233 were made by Fellows of the Society, and 3167 by Members of Contributing Societies, as against 2793 in 1931.

The number of books borrowed during 1932 was 5724, compared with 5660 the previous year; of these, 1368 were issued by post, as against 1349 in the preceding year.

The additions to the Library comprise: 184 books, of which 66 were presented, 726 volumes of periodicals, and 380 pamphlets; as against 232 books, 744 volumes of periodicals, and 203 pamphlets last year. The Library now contains 36,642 volumes, consisting of 10,847 books and 25,795 bound volumes of periodicals.

VI. *Reorganisation.*

In February, the Council appointed a Committee consisting of Dr. E. F. Armstrong, Prof. H. E. Armstrong, Mr. F. P. Dunn, Dr. R. H. Pickard, Dr. N. V. Sidgwick, Prof.

J. F. Thorpe, and the Officers, to inquire into the general policy and the administrative system of the Society, and Fellows were informed in a circular dated September 12th of certain decisions of the Council arising from the reports of this Committee. In the following statement, the action already taken and the future policy of the Council are summarised :

Local Representatives. In order that Fellows resident outside London may be more intimately associated with the affairs of the Society, 18 Local Representatives have been appointed in various areas (see Proceedings, p. 95), who will advise the Council on matters affecting the Society in their respective areas. The Local Representatives will meet the officers in London once every year so that they may keep in touch with the activities of the Society.

Meetings outside London. An adequate proportion of the endowed and special lectures will be given outside London. Other meetings devoted to lectures or discussions of a general character will also be arranged by the Local Representatives in consultation with the Honorary Secretaries, all such meetings being held under the direct auspices of the Society and in close co-operation with existing chemical organisations.

Meetings in London. A number of the Ordinary Scientific Meetings are devoted to organised discussions; papers for reading at the other meetings are selected by the Honorary Secretaries.

Journal. The publication of comprehensive papers is to be encouraged and authors are to be asked to write their papers so as to appeal to the widest possible circle of chemists, and not exclusively to specialists; the senior author of a series of papers is to be given opportunity to submit for publication from time to time a considered review of work which has already appeared in the Journal. For reasons of economy, symbols and abbreviations in commonly used words are to be employed in descriptions of experimental work, which is to be printed in smaller type; titles of papers are to be as concise as possible, and only one Christian name of each author and the minimum of space for acknowledgments and addresses are to be allowed.

Finance and General Purposes Committee. The name of the Finance Committee has been altered to the Finance and General Purposes Committee, of which the President is Chairman, the Treasurer Vice-Chairman, and the Chairmen of all Standing Committees *ex-officio* members. The functions of the Committee are :

- (a) To consider and report on all questions of finance and other matters referred to it by the Council.
- (b) To make recommendations regarding the personnel of all Standing Committees, and to consider the nomination of candidates for office when vacancies occur.
- (c) To carry out the work hitherto performed by the House Committee.

Service on Committees. The period of continuous service on all Committees is limited to five years for a member and seven years for the Chairman.

Election of Council. The method of nomination and election to the Council is to be as democratic as possible, with the object of ensuring frequent changes in its personnel and encouraging Fellows to take an active interest in the Society.

Fellows under 25 years of age. The Council decided to seek power to allow Fellows who, at the time of election, are under the age of 25, to have the option of paying a reduced annual subscription until the end of the year in which they attain that age, provided they forego the receipt of certain publications of the Society.

Appointment of a Third Secretary. In view of these changes, it was decided to seek power to appoint three Honorary Secretaries and to limit the period of service of an Honorary Secretary to six consecutive years.

VII. *Changes in Bye-Laws.*

To make certain of these resolutions operative a revision of the relevant Bye-Laws was necessary. At an Extraordinary General Meeting held on December 16th to consider the alterations proposed by the Council (notice of which had been sent to Fellows on November 29th) the Bye-Laws, as revised, were unanimously adopted.

VIII. *General.*

Lectures. The Fourth Liversidge Lecture, entitled "Physical Atomic Weights," was delivered by Dr. F. W. Aston in the Medical Lecture Theatre of the University of Birmingham on November 25th, and the Ostwald Memorial Lecture by Prof. F. G. Donnan, in the Chemistry Lecture Theatre of the University of Liverpool, on January 27th.

Prof. P. Debye will deliver the Fifteenth Faraday Lecture, entitled "The Relations between Stereochemistry and Physics," which will be given on Wednesday, March 29th, in the Lecture Theatre of the Royal Institution (by the courtesy of the Managers), and the Sixth Hugo Müller Lecture, entitled "Chemistry at the Cross Roads," will be delivered by Prof. H. E. Armstrong on May 25th in the Meeting Hall of the Institution of Mechanical Engineers, Storey's Gate, S.W.1.

Discussions. Three discussions have been held, the first, entitled "Combustion of Gases in Electric Discharges," being opened by Prof. G. Ingle Finch on November 17th; the second, on "The Chemistry of the Sterols and Bile Acids," opened by Prof. I. M. Heilbron on December 15th, and the third, on "The Raman Effect in Relation to some Chemical Problems," opened by Dr. J. J. Fox on February 16th. A further discussion, "The Chemical Constitution of Oestrin," will be opened by Dr. G. F. Marrian on March 16th.

Representation of the Society. Mr. Emile Mond represented the Society at the Douzième Congrès de Chimie Industrielle held at Prague in September, and Prof. C. S. Gibson at the celebration of the centenary of the granting of the Charter to the Cambridge Philosophical Society in November.

Representation of the Society on other bodies.

The Bureau of Chemical Abstracts.

The Federal Council for Chemistry.

British Editorial Board of the Journal of Physical Chemistry.

Joint Committees of the Association of British Chemical Manufacturers dealing with the Patents and Designs Acts, and Medical Patents.

Committee of the Royal Microscopical Society on the Standardisation of Biological Stains.

Committee of the British Standards Institution on the Standardisation of Scientific Glassware.

Representatives.

Mr. F. P. Dunn (from January 1933), Prof. C. S. Gibson, Mr. A. J. Greenaway, Dr. J. T. Hewitt, Prof. G. T. Morgan (until December 1932) and the Treasurer. Prof. C. S. Gibson, Sir William J. Pope, and Prof. J. F. Thorpe.

Mr. E. J. Bowen (from January 1933), Prof. W. E. Garner, Prof. J. Kendall (until December 1932), and Prof. T. M. Lowry.

Prof. W. A. Bone.

Prof. F. M. Rowe.

Dr. J. J. Fox and Mr. E. B. Hughes.

Bureau of Chemical Abstracts.—The Council learned with regret of the resignation of Professor J. C. Philip as from the end of 1932 from the Chairmanship of the Bureau of Chemical Abstracts. The Council and the Council of the Society of Chemical Industry, acting in co-operation, have passed a special resolution expressing high appreciation of the signal services rendered by Professor Philip in guiding the policy of the Bureau during a period of nine years from its inception. The terms of the resolution, inscribed on vellum, will be suitably bound in a small volume containing the signatures of the Presidents of the two Societies and of those who have served as members of the Bureau during this period,

and presented to Professor Philip at the Annual General Meeting on March 30th. Professor G. T. Morgan has accepted the invitation of the Bureau to succeed Professor Philip as Chairman.

Publication of Physical Chemistry Papers. In the report for 1931, it was stated that the Committee of representatives of the Chemical Society and the Faraday Society had presented an interim report to the two Councils, concerning the production of a joint journal of Physical Chemistry, and that the subject was then still under investigation. A further report of this Committee, presented in March, was referred to the Publication and Finance Committees, and their recommendation, "that in the best interest of British Chemistry it is desirable to co-operate with the Faraday Society in publishing a joint journal devoted to physical chemistry," was adopted. The scheme for co-operation drawn up by the joint Committee was also adopted, but in view of the estimated cost of producing such a Journal and of the present financial position of the Society, the Council decided that the scheme should not be put into operation in 1933. The project is to be considered again during the coming year.

Anniversary Meetings in Glasgow. A report of the last Annual General Meeting held in the University of Glasgow on March 18th, 1932, appeared in the Journal for April (pp. 1296 *et seq.*) and an account of the Anniversary Dinner in the Proceedings for that month (p. 33). The thanks of the Council were conveyed to the Court of the University of Glasgow for hospitality received, to the Lord Provost and Corporation of Glasgow for the Civic Reception, to Sir Harry McGowan, K.B.E., for the visit to Nobel's Explosives Works at Ardeer, to Mr. James Macleod for arranging the visit to the Provan Chemical Works, to the General and Executive Committees, and to Dr. W. M. Cumming and others, whose efforts contributed so largely to the success of the meetings.

Secretaryships. The Council received with regret the resignation of Professor C. S. Gibson from the office of Honorary Secretary, and desires to record its indebtedness to him for the devoted service he has rendered to the Society during nine years of office.

The Council records its appreciation of the action of Professor F. G. Donnan in voluntarily retiring from the office of Foreign Secretary, which he had held for nearly eight years, so as to facilitate the appointment of a third Secretary. On his retirement, the Council desires to thank Professor Donnan for the distinguished services as Foreign Secretary which his wide acquaintance and personal popularity among foreign chemists enabled him to render.

In July, Professor S. Sugden was appointed Acting Honorary Secretary, his nomination as Honorary Secretary until the next Annual General Meeting being confirmed on January 19th.

Longstaff Medal. The Longstaff Medal for 1933 has been awarded to Professor W. N. Haworth and Sir James Irvine jointly for their outstanding work on the chemistry of the carbohydrates. The presentation was made at the Annual General Meeting on March 30th.

Annual Reports for 1932. The volume for 1932 contains, in addition to the usual reports, special reports covering the years 1931 and 1932 on Geochemistry and Radio-activity and Sub-Atomic Phenomena.

Research Grants. The Council has decided that, in future, grants will be made in December of each year instead of in June and December as heretofore. During the year, 82 applications for research grants amounting to £982 were received, and £720 10s. was distributed to 77 applicants, prior consideration being given to the applications of Fellows.

General. The Council wishes to acknowledge its indebtedness to those Fellows who by their services have made possible the maintenance and development of the Society's activities. Its thanks are specially due to the members of Committees, the referees of papers submitted for publication, contributors to the Annual Reports on the Progress of Chemistry, the special lecturers, the openers of organised discussions, and those Fellows

who met in London on September 26th to advise concerning the extension of the Society's work outside London. The Council has also to thank Professor James Kendall, on his retirement, for his services as one of the Society's representatives on the joint Editorial Board of the *Journal of Physical Chemistry*.

The Council has received volumes of the Society's publications from Mr. G. N. Huntly, Mr. C. W. Lockyer, and Mr. Emile Mond, a specially printed and bound copy of the Perkin Memorial Volume from the authors, a collection of portraits of distinguished foreign chemists from Dr. J. A. Voelcker, contributions to the Library Fund from Professor A. O. Gettler and Dr. P. G. Griffith, and new books from authors. To these donors the Society is greatly indebted.

IX. *Financial.*

Accounts. The accounts for 1932 are presented in a slightly modified and simpler form. Particulars relating to investments are no longer given in the respective accounts and balance sheets, but are now summarised at the end.

General Purposes Account. In 1931, the deficit on General Purposes Account was £1221 9s. 6d., and in the last Report it was stated that steps were being taken which, it was hoped, would balance the budget for the coming year. In 1932, the income shows a decrease of £559 0s. 10d. and expenditure a decrease of £1793 6s. 5d. compared with 1931, thus leaving a credit balance of £12 16s. 1d. to be carried forward. Decreased income is mainly due to a further falling off in Annual Subscriptions to the extent of £535 17s.

General. The thanks of the Society have been conveyed to the Council of the Royal Society for a special grant of £700 from the Government Publications Grant, to Imperial Chemical Industries, Ltd., for a contribution of £500 towards the Publications Fund, and to an anonymous donor of £200 towards the cost of the Society's publications. The Council again thanks those Fellows who generously continue to subscribe to the Publications Fund.

INCOME AND EXPENDITURE GENERAL PURPOSES ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1932.

1931		1932		1931		1932	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
130	10 0	To Life Composition Fees	129	0	0	0	0
984	0 0	Annual Subscriptions:—	1026	0	0	1929	18 3
7670	0 0	Received in advance, on account of 1932	7250	13	0	229	13 2
469	10 0	" during 1932	364	10	0	172	14 5
21	0 0	" " " 1931	57	10	0	52	10 0
9134	10 0	" " " 1930 and previous years	8698	13	0	233	19 3
500	0 0	Less amount included in last year's Income, being valuation of Arrears as per last Balance Sheet	500	0	0	152	1 6
8634	10 0	Add Arrears at date: £1203 17s. 0d.; Estimated to realise as per Balance Sheet	8198	13	0	70	11 8
500	0 0	Dividends on Investments	400	0	0	2841	8 3
210	2 8	Income Tax recovered	736	4 9	6088	5 10	
77	12 0	Interest on Deposit	235	7 7	139	10 0	
52	8 3	Miscellaneous Receipts	61	5 11	1825	11 8	
1221	9 6	Excess of Expenditure over Income carried to Balance Sheet	50	5 3	78	0 8	
£11,601	16 10		£9810	16 6	250	0 0	
					£11,601	16 10	

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31st DECEMBER, 1932.

1931		1932		1931		1932		
£	s. d.	£	s. d.	£	s. d.	£	s. d.	
<i>Income.</i>								
2791	9 11	To Publication Sales (including back numbers):—	2434	13 4	1159	19 2	1160	9 6
2219	15 0	Journals and Proceedings	2017	9 0	85	12 6	186	12 6
31	9 6	Abstracts	21	9 6	50	1 1	48	3 5
752	18 4	Collectors' Index, Vols. I-VI	755	13 9	3676	18 9	3431	7 8
32	4 8	Annual Reports on Progress of Chemistry	3	10	432	11 11	343	9 8
5827	17 5	Other Publications	6229	9 5	327	16 0	349	13 0
522	17 11	Proceeds of Advertisements in Journal and Abstracts	484	14 8	19	18 1	20	4 10
150	19 3	Less Commission	138	9 11	1241	5 5	1236	17 6
130	10 0	Transfer from General Purposes Account, being Life Composition Fees for year	728	10 0	46	17 6	20	18 10
400	0 0	Government Publications Grant (through the Royal Society)	700	0 0	20	18 10	61	9 9
316	10 3	Dividends on Investments	233	11 2	1385	15 2	1180	7 9
102	13 0	Income Tax recovered	409	4 11	3660	16 10	4085	0 9
4	0 0	Interest on Deposit	107	17 4	81	0 5	371	18 4
6086	5 10	Transfer from General Purposes Account (the balance of expenditure on publications)	4779	14 7	6802	6 2	60	4 9
£13,413	8 2		£13,314	16 9	674	0 6	726	0 5
					41	5 0	18	0
					715	5 6		
					3	10 0		
					139	10 0		
					£13,413	8 2		

Expenditure.

By Administration Expenses:—	2922	15	0	2841	8	3
Office Salaries and Wages	1916	7	4	152	1	6
Superannuation	229	13	2	70	11	8
House Expenses, etc. (proportion)	217	5	11	—	—	—
Accountants' Charges	52	10	0	—	—	—
Miscellaneous Printing and Stationery (proportion)	273	5	10	—	—	—
Postages (proportion)	176	4	10	—	—	—
Miscellaneous	57	7	11	—	—	—
Expenses of Meetings	212	13	8	—	—	—
Donations:—	50	0	0	—	—	—
Federal Council	5	0	0	—	—	—
International Association for Testing Materials	—	—	—	—	—	—
British Standards Institution	—	—	—	—	—	—
Contribution to Publications Fund	55	0	0	—	—	—
Transfer to ditto (Life Composition Fees)	6088	5	10	—	—	—
Contribution to Library Fund	139	10	0	—	—	—
Transfer to Staff Pensions Fund	1825	11	8	—	—	—
Transfer to Special Publications Fund (to form Sinking Fund for Collective Index, 1923-32)	78	0	8	—	—	—
Sinking Fund for Collective Index, 1923-32	250	0	0	—	—	—
Balance, being excess of Income over Expenditure, carried to Balance Sheet	—	—	—	—	—	—
	£11,601	16 10		£9810	16 6	

PUBLICATIONS FUND.

1931		1932		1931		1932		
£	s. d.	£	s. d.	£	s. d.	£	s. d.	
<i>Income.</i>								
371	18 8	Transfer from General Purposes Account, being Life Composition Fees for year	346	4 9	1241	5 5	1236	17 6
130	10 0	Donations	728	10 0	46	17 6	20	18 10
400	0 0	Government Publications Grant (through the Royal Society)	700	0 0	20	18 10	61	9 9
316	10 3	Dividends on Investments	233	11 2	1385	15 2	1180	7 9
102	13 0	Income Tax recovered	409	4 11	3660	16 10	4085	0 9
4	0 0	Interest on Deposit	107	17 4	81	0 5	371	18 4
6086	5 10	Transfer from General Purposes Account (the balance of expenditure on publications)	4779	14 7	6802	6 2	60	4 9
£13,413	8 2		£13,314	16 9	674	0 6	726	0 5
					41	5 0	18	0
					715	5 6		
					3	10 0		
					139	10 0		
					£13,413	8 2		

Expenditure.

By Expenses on account of Journal:—	6752	16	6	5439	0	8
Editorial Salaries	1159	19	2	1236	17	6
Superannuation	85	12	6	—	—	—
Editorial Postages	50	1	1	—	—	—
Printing, Paper, etc.	3676	18	9	—	—	—
Distributions	432	11	11	—	—	—
Authors' Copies	327	16	0	—	—	—
Miscellaneous	19	18	1	—	—	—
Expenses on account of Abstracts:—	6752	16	6	20	4	10
Editorial Salaries	1241	5	5	—	—	—
Do. (Arrears)	46	17	6	—	—	—
Superannuation	20	18	10	—	—	—
Editorial Postages	56	1	1	—	—	—
Abstractors' Fees	1385	15	2	—	—	—
Printing, Paper, etc.	3660	16	10	—	—	—
Distribution	81	0	5	—	—	—
Miscellaneous	6802	6	2	—	—	—
Annual Reports on the Progress of Chemistry:—	674	0	6	—	—	—
Printing	41	5	0	—	—	—
Advertising	715	5	6	—	—	—
Purchase of Back Numbers of Publications	3	10	0	—	—	—
Carried to Balance Sheet of Publications Fund, viz.:	139	10	0	—	—	—
Life Composition Fees	—	—	—	—	—	—
	£12,814	16 9		£9810	16 6	

SPECIAL LECTURES FUND.

Income.		Expenditure.	
1931	1932	1931	1932
£ s. d.	£ s. d.	£ s. d.	£ s. d.
35 5 0	To Dividends on Investments	15 15 0	By Honoraria
9 14 3	" Income Tax recovered	4 4 0	" Lecture Expenses
13 6	" Interest on Deposit	25 13 9	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet
---	" Balance, being Excess of Expenditure over Income, carried to Balance Sheet		
£45 12 9		£45 12 9	

STAFF PENSIONS FUND.

78 0 8	To Transfer from General Purposes Account	120 0 0	By Pension paid during 1932
5 9	" Interest on Deposit		
32 9 6	" Dividends on Investments		
9 4 1	" Income Tax recovered		
£120 0 0		£120 0 0	

THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.

41 1 3	To Dividends on Investments	39 3 7	By Miscellaneous Expenses
10 14 7	" Income Tax recovered	11 18 5	" Balance, being Excess of Income over Expenditure, carried to Balance Sheet
2 5 8	" Interest on Deposit	1 19 3	
£54 1 6		£54 1 6	

THE CHEMICAL SOCIETY.—BALANCE SHEETS, 31st December, 1932.

GENERAL PURPOSES.

Liabilities.		Assets.	
1931	1932	1931	1932
£ s. d.	£ s. d.	£ s. d.	£ s. d.
1,026 0 0	To Subs. received in advance:—	25,796 3 3	By Investments as per Schedule (value or cost when acquired)
2,747 3 3	At £3	272 5 4	" Sundry Debtors
	" Sundry Creditors (Printing and other Expenses)	500 0 0	" Subscriptions in Arrear, £1203 17s. Estimated to realise
	" Excess of Assets over Liabilities as per last Balance Sheet	1,425 0 9	" Cash in hand and at Banker's
25,441 15 7	Less Excess of Expenditure over Income		
1,221 9 6	Add Meldola Bequest (less legacy duty)		
	Add Excess of Income over Expenditure		
		24,683 2 2	
£27,993 9 4		£28,704 4 0	

PUBLICATIONS FUND.

10,884 3 8	To Excess of Assets over Liabilities as per last Balance Sheet	10,974 15 1	By Investments as per Schedule (value or cost when acquired)
	Add Amount transferred from Income and Expenditure Account for Investment	48 18 7	" Cash at Banker's
139 10 0			
11,023 13 8		11,162 13 8	
£11,023 13 8		£11,162 13 8	

SCHEDULE OF INVESTMENTS.

GENERAL PURPOSES.				RESEARCH FUND.			
<i>Nominal Details.</i>				<i>Nominal Details.</i>			
	Value or Cost when Acquired.	Market Value 31st December, 1932.			Value or Cost when Acquired.	Market Value 31st December, 1932.	
	£ s. d.	£ s. d.			£ s. d.	£ s. d.	
£787 London, Midland and Scottish Railway 4% Debenture Stock	839 3 7	720 2 1	£1000 London and North Eastern Railway 4% 2nd Guaranteed Stock	1010 0 0	535 0 0		
£1520 14s. 3d. Cardiff Corporation 3% Stock, 1914/54	1650 0 0	1391 9 0	£1034 Great Western Railway 2½% Debentures	1049 15 11	635 18 2		
£1400 India ½ per cent. Stock	1816 1 0	882 0 0	£1142 16s. New South Wales 3% Stock, 1935	1000 0 0	1108 10 4		
£2400 Bristol Corporation 2½% Debenture Stock, Bristol Dock Account	2070 2 0	1968 0 0	£1122 Metropolitan Water Board 3% B Stock	1002 16 9	970 10 7		
£2713 London, Midland and Scottish Railway 4 per cent. Preference Stock	3572 0 4	990 4 11	£1483 London, Midland and Scottish Railway 4% Debenture Stock	1508 3 6	1366 18 11		
£1200 Leeds Corporation 3% Stock	1143 1 0	1020 0 0	£306 Victoria 3% Stock, 1929/49	706 6 2	677 0 10		
£1500 Transvaal 3% Guaranteed Stock, 1923-53	1460 13 6	1500 0 0	£4498 11s. 5% Conversion Loan, 1944/64	4287 4 10	6178 6 8		
£1200 London and North Eastern Railway 3% Debenture Stock	1033 11 0	760 0 0	£5164 13s. 9d. 3½% Conversion Stock, 1961, or after	3898 14 10	6118 0 10		
£700 Canada 3½% Stock, 1930/50	704 8 6	693 0 0		£14,443 2 0	£15,570 6 4		
£2529 6s. 9d. 5% Conversion Loan, 1944/64	2446 2 6	2908 14 9	SPECIAL PUBLICATIONS FUND.				
£1100 5% ditto ditto	1045 0 2	1265 0 0	£2115 8s. 10d. 3½% Conversion Stock, 1961, or after	£1600 0 0	£2094 5 9		
£600 4% Funding Loan, 1960/90	480 0 0	651 0 0	SPECIAL LECTURES FUND.				
£11,212 3s. 3¼% per cent. Conversion Stock 1961, or after	8487 2 2	11,100 6 6	£1289 9s. 4d. 3½% Conversion Stock, 1961, or after	£1000 0 0	£1286 9 5		
	£26,247 5 9	£25,839 17 3	STAFF PENSIONS FUND.				
			£683 6s. 1d. 3¼% Conversion Stock, 1961, or after	527 13 9	676 9 5		
			£371 17s. 1d. 5% Conversion Loan, 1944/64	375 0 0	427 12 7		
				£902 13 9	£1104 2 0		
			THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.				
£6141 15s. 6d. 3¼% Conversion Stock, 1961, or after	4663 10 0	6080 7 2	£61 15s. 8d. 3¼% Conversion Stock, 1961, or after	50 1 5	61 3 4		
£3173 1s. 6d. 5% Conversion Loan, 1944/64	3199 18 7	3649 0 9	£1255 London Midland and Scottish Railway 4% Debenture Stock	1061 6 6	1148 6 6		
£217 P. & O. Steam Navigation Co. Deferred Stock...	2060 0 0	633 3 6		£1101 7 11	£1209 9 10		
186 Ordinary Shares (£1) Lunga (Sylhet) Tea Co. Ltd.	290 12 6	37 4 0					
124 Ordinary Shares (£1) Neteem Tea Co. Ltd.	403 0 0	77 10 0					
£603 London, Midland and Scottish Railway 4% Guaranteed Stock	457 12 7	449 4 8					
	£11,074 13 8	£10,926 10 1					

I 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. I have also verified the Balances at the Bankers and the Investments.

W. B. KEEN,
Chartered Accountant.

23, QUEEN VICTORIA STREET, E.C. 4.

14th February, 1933.

Approved by { J. C. DRUMMOND,
H. PAGET,
HENRY J. S. SAND.

The adoption of the Report and Accounts, proposed by Professor E. C. C. Baly and seconded by Professor J. E. Coates, was carried.

A vote of thanks to the Auditors (Professor J. C. Drummond, Mr. H. Paget, and Dr. H. J. S. Sand) was proposed from the Chair, seconded by the Treasurer, and carried.

On the motion of Professor R. Robinson, seconded by Professor G. M. Bennett, Mr. H. Paget, Dr. H. J. S. Sand, and Mr. W. M. Colles were elected Auditors to audit the Accounts of the Society for 1933.

A vote of thanks to the Treasurer, Secretaries, Foreign Secretary, Council, and Committees for services during the past year proposed by Professor J. L. Simonsen and seconded by Dr. W. M. Cumming was carried, and acknowledged by Professor C. S. Gibson.

A vote of thanks to the Scrutators (Dr. P. Haas and Dr. H. Phillips) appointed to examine the ballot papers in connexion with the election of Ordinary Members of Council (Country Members) was proposed by Mr. R. Craven, seconded by Professor F. Challenger and carried.

The Longstaff Medals for 1933 were then presented to Professor W. N. Haworth and Sir James C. Irvine. In making the presentations, the President said :

"The award of the Longstaff Medal is the highest honour which the Council can bestow on Fellows of the Society who have made outstanding contributions to chemical knowledge. In making the present award it is inevitable that we recall with pride the distinguished pioneering work of one of our late Fellows, Thomas Purdie, and the Council records its appreciation of the investigations which have since been carried out by you, Gentlemen, in the laboratories of the University of St. Andrews and of the University of Birmingham. You have both added to the reputation of British Chemistry, for it is on the results of your investigations that our knowledge of the simple and complex carbohydrates is securely built and being so rapidly extended.

"In making this award to you, Gentlemen, I have to express the hope of the Council that your investigations in the future will be crowned with even greater success than those already accomplished."

Acknowledgment was made by the Recipients of the medals.

The Harrison Memorial Prize for 1932 was presented to Dr. H. J. Emeléus by the President, who said :

"The Harrison Memorial Prize is regarded as an exceptional distinction to commemorate an exceptional man, and is conferred upon the young chemist who in the opinion of those best qualified to judge has made a notable addition to our knowledge of chemistry. You have been chosen by the Selection Committee as the one amongst various candidates who has during the last five years conducted the most meritorious and promising original investigations in Chemistry. On behalf of the Selection Committee, I congratulate you on the success of the investigations which you have already accomplished and express the hope that your future work will be even more successful."

Dr. Emeléus made brief acknowledgment.

The President and the President of the Society of Chemical Industry then jointly presented to Professor J. C. Philip a bound and illuminated volume containing the following resolution :

"The Councils of the Chemical Society and the Society of Chemical Industry record their high appreciation of the work which has been accomplished by Professor J. C. Philip, O.B.E., D.Sc., Ph.D., F.R.S., in connexion with the Bureau of Chemical Abstracts.

"The establishment of the Bureau in 1923 by the Councils of the Chemical Society and the Society of Chemical Industry constituted the first co-operative effort between chemical societies in this country in chemical publications. For nine years—that is, from its inception—Professor Philip has been Chairman of the Bureau, and the acknowledged success of its work in publishing Abstracts of Pure and Applied Chemistry on behalf of the two Societies is due almost entirely to his personal effort. He has guided the policy of the Bureau, and by his tactfulness overcome the difficulties which confronted a new venture.

By his devotion to the work he has secured for British Chemical Abstracts the highest reputation among the members of the two societies and an established place in chemical literature.

“The Councils regret that Professor Philip cannot continue in his office of Chairman on account of other duties, and recognise their very great indebtedness to him for the work which he has so successfully accomplished.”

Professor Philip, in making acknowledgment, thanked the two Councils for this mark of appreciation of his work for the Bureau.

The President then delivered his Address entitled “The Present Position and the Future of the Chemical Society.”

A vote of thanks to the retiring President for his services in the Chair during the past two years and for his Address, with the request that he would allow his Address to be printed in the Journal, was moved by Sir Robert Robertson and carried with acclamation, the President making acknowledgment.

The report of the Scrutators on the ballot for the election of Ordinary Members of Council (Country Members) was received, and the President announced that the following had been elected to fill the vacancies on the Council for the year 1933—1934 :

President.—Professor G. T. Morgan.

Vice-Presidents, who have filled the office of President.—Professor G. G. Henderson and Professor W. P. Wynne.

Vice-Presidents, who have not filled the office of President.—Professor F. G. Donnan and Professor C. S. Gibson.

Honorary Secretaries.—Professor S. Sugden and Dr. J. M. Gulland.

Ordinary Members of Council (Town Members).—Dr. J. Kenyon, Dr. G. A. R. Kon, and Mr. J. Davidson Pratt.

Ordinary Members of Council (Country Members).—Dr. R. G. W. Norrish, Dr. E. H. Rodd, and Professor R. Whytlaw Gray.