

ANNUAL GENERAL MEETING,

THURSDAY, MARCH 27TH, 1929, AT 4 P.M.

THE President, Professor J. F. THORPE, C.B.E., D.Sc., F.R.S., was in the Chair.

The Report of the Council for 1929—1930, together with the Balance Sheets and Statements of Accounts for 1929, was presented by the PRESIDENT, and the TREASURER made a statement regarding the finances of the Society. The adoption of the Report and Accounts, proposed by Dr. J. A. VOELCKER and seconded by Professor J. KENNER, was carried unanimously.

REPORT OF COUNCIL, 1929—1930.

I. *Fellowship Statistics.*

THE number of Fellows at the 31st December, 1928, was 3980. During 1929, 210 Fellows were elected and 8 reinstated, as against 203 and 11 in 1928, giving a gross total of 4198. Deaths of 49 Fellows were recorded, 107 resigned, and the names of 117 were removed from the List of Fellows for non-payment of Annual Subscriptions, the corresponding figures for last year being 40, 135, and 99, respectively. The total number of Fellows at the 31st December, 1929, was 3925, showing a decrease of 55, as against 60 the previous year.

The Council records with sorrow the death on the 17th September of a distinguished Fellow of the Society, Professor W. H. Perkin, who served as President from 1913 to 1915 and on the Council for a total of twenty years. At its meeting on the 17th October, the Council passed a special resolution of sympathy, which was read at the Ordinary Scientific Meeting and conveyed to Mrs. Perkin by the President, who, together with the Secretaries and other Members of Council, represented the Society at the funeral. A comprehensive account of the life and work of Professor Perkin is being prepared by Mr. A. J. Greenaway, Professor R. Robinson, and Professor J. F. Thorpe, and will be published in the Journal.

The Society has also to mourn the loss of two of its Honorary Fellows, Professor Charles Moureu, elected on the 1st March, 1923, who was the first President of the Union Internationale de Chimie and a former President of the Société Chimique de France, and Dr. T. B. Osborne, who was elected on the 7th March, 1912. An obituary notice of Dr. Osborne appeared in the Journal for 1929, p. 2974, and Sir William J. Pope is preparing an obituary notice of Professor Moureu.

During 1929, 11 Honorary Fellows were elected, the total number at the end of the year being 31.

II. *Jubilee Fellows.*

The congratulations of the Society have been sent to the following Fellows who have attained their Jubilee as Fellows :

	Elected.
William Thomas Gent	April 17th, 1879.
William Stone	April 17th, 1879.
Alfred Walter Stokes	April 17th, 1879.
Charles Slater	April 17th, 1879.
Frank Litherland Teed	April 17th, 1879.
Victor Herbert Veley	April 17th, 1879.
George Richard Tweedie	June 19th, 1879.
Joji Sakurai	June 19th, 1879.
George Stacey Albright	December 18th, 1879.
Wyndham Rowland Dunstan	December 18th, 1879.
Joshua Knowles	December 18th, 1879.
Henry Forster Morley	December 18th, 1879.
Alexander Scott	December 18th, 1879.
George Stallard	December 18th, 1879.
William Macnab	February 19th, 1880.
Alexander Kenneth Miller	February 19th, 1880.

III. *Journal.*

The Journal for 1929 contains 2981 pages, of which 2899 pages are occupied by 400 memoirs and 31 notes, the remaining 82 pages being devoted to Obituary Notices (13 pages), two Lectures (29 pages), the Report of the Annual General Meeting (17 pages), the Presidential Address (19 pages), and Table of Atomic Weights (4 pages). The volume for 1928 contains 438 memoirs and 28 notes, occupying 3216 pages.

During 1929, 466 papers were offered to the Society for publication in the Journal; of these, 21 were declined. The corresponding numbers for 1928 are 501 and 15. The average interval between the dates of receipt and of publication of papers is 9.8 weeks for 1929, and 10.75 weeks for 1928.

The Council records its sincere appreciation of the arduous and responsible work undertaken by Fellows in refereeing papers submitted for publication.

IV. *Abstracts.*

The "A" Abstracts for 1929 contained 10,463 abstracts, occupying 1500 pages, compared with the corresponding figures for 1928 of 9456 and 1408 respectively. These comprised 5346 in General, Physical, and Inorganic Chemistry, 189 in Geochemistry, 2326 in Organic Chemistry, and 2602 in Biochemistry. The corresponding figures for 1928 were 4718, 224, 2236, and 2268.

The expansion of published chemical work, reflected in the 10 per cent. increase in the number of abstracts for 1929 as compared

with 1928, still continues. From the figures quoted in the foregoing paragraph, it will be seen that the increase has been specially marked in the sections of General, Physical, and Inorganic Chemistry and Biochemistry. The total of 10,463 "A" abstracts for 1929 may be compared also with corresponding figures for earlier years, such as 5978 (in 1913), 5572 (in 1923), and 7978 (in 1926). The number of "B" abstracts in 1929 was 9717, so that the total number of abstracts published by the Bureau in one year has now exceeded the 20,000 figure.

Annual Index. The Joint Annual Index for the 1928 abstracts covered 576 pages, as compared with 514 pages in the previous year. The cost of printing was £1187 16s. 10d., and the cost of paper £261 17s. 5d., representing an increase in both respects, although the cost of printing *per page* was £2 1s. 3d. in 1928, as compared with £2 4s. 2d. in 1927.

Collective Index. During the past year the Bureau devoted much consideration to the question of a Collective Index for the period 1923-32, and the relevant facts and figures were submitted to the two Councils concerned. With the sanction and substantial financial support of both bodies, and with the further aid of a grant promised by the Royal Society, the Bureau expects to proceed with the preparation of the Index, as soon as it appears that adequate support from subscribers is forthcoming.

V. Library.

Excluding the evenings on which meetings of the Chemical Society were held, there were 7567 attendances during the past year as compared with 8037 in 1928. Of the 7567, 4962 were made by Fellows of the Chemical Society, while 2605 were made by Members of Contributing Societies, as against 2669 in 1928.

The number of books borrowed during 1929 was 5402, as against 5262 the previous year; of these 1466 were issued by post, as against 1337 in the preceding year.

The additions to the Library comprise: 231 books, of which 71 were presented, 690 volumes of periodicals and 150 pamphlets; as against 281 books, 664 volumes of periodicals and 138 pamphlets last year. The total number of volumes added during the year was 921, showing a decrease of 24. The Library now contains 33,753 volumes, consisting of 10,159 books and 23,594 bound volumes of periodicals.

VI. General.

Lectures. The first Pedler Lecture, entitled "The Early History of the Synthesis of Closed Carbon Chains," was delivered by Professor

W. H. Perkin on the 30th May, and has been published in the Journal for 1929 (p. 1347). The second Liversidge Lecture, given by Professor H. Freundlich on the 12th December and entitled "Surface Forces and Chemical Equilibria," has also been published in the Journal (1930, p. 164).

On the 25th April Sir Harold Hartley delivered a Memorial Lecture on the Life and Work of the late Theodore W. Richards, which will be published during 1930.

The Council has conveyed its thanks to these lecturers.

Professor G. von Hevesy and Professor Niels Bohr have accepted the invitation of Council to be the Hugo Müller and Faraday Lecturers respectively in 1930.

Anniversary Meeting. The Annual General Meeting was held at the University of Leeds on the 21st March, and the Anniversary Dinner, at which the chief guests were the Viscount Lascelles, K.G. (the present Earl of Harewood), the Vice-Chancellor of the University, and the Lord Mayor of Leeds, was held the same evening in the Town Hall. The large attendance at these functions has confirmed the Council in its view that there is a general desire on the part of the Fellows that Annual Meetings should be held in the Provinces at frequent intervals. An account of the Annual General Meeting appears in the Journal, p. 817, and a report of the Dinner in the Proceedings (p. 37).

Representatives at Celebrations and on Committees. The President, accompanied by the Senior Secretary, represented the Society at the Paul Schutzenberger Centenary Celebrations in Paris on the 7th November, 1929, and presented an address of congratulation. The President also represented the Society at the opening of the Imperial Chemical Industries' Agricultural Station at Maidenhead.

Principal R. H. Raikes represented the Society at the Centenary Celebrations of the South African College at Cape Town, and presented the Society's congratulatory Address. The Prince Ginori Conti was the Society's delegate at the III^{ème} Congrès National de Chimie Pure et Appliquée at Florence, and the Society was represented by Mr. R. Truskowski at the II^{ème} Congrès des Chimistes Polonais at Poznan, by Dr. L. H. Lampitt at the IX^{ème} Congrès de Chimie Industrielle at Barcelona, and by Dr. K. Fisher at the Conference on Educational Films in London.

Professor C. S. Gibson, Mr. A. J. Greenaway, Dr. J. T. Hewitt, Professor G. T. Morgan, and the Treasurer have continued to be the Society's members of the Bureau of Chemical Abstracts, and the Society's representatives on the Federal Council for Chemistry are Professor C. S. Gibson, Sir William J. Pope, and Professor J. F.

Thorpe. Professor R. Whytlaw Gray has been appointed by the Council to represent the Society on the recently formed Colloid Committee of the Faraday Society, and Professor W. A. Bone represented the Society on the Committee appointed by the Association of British Chemical Manufacturers to consider amendments in the Patents and Designs Acts (see p. 856).

Liebig Portrait. The copy of the "Muspratt" portrait of Liebig, which, as stated in the last Report of Council, had been painted by Mr. G. A. Pownall, was presented on behalf of the Society to the German Chemical Society on the 8th May by the President, when he and the Senior Secretary attended a special meeting in Berlin.

Longstaff Medal. The Longstaff Medal for 1930 has been awarded to Dr. W. H. Mills for his distinguished researches in organic chemistry especially in relation to stereochemistry. The presentation will be made at the Annual General Meeting on the 27th March.

Fellowship Statistics. The statistics given at the beginning of this report show that the diminution in the number of Fellows referred to in the last report still persists, and the matter is being carefully considered by the Council, which has appointed a Committee to enquire into the matter. This Committee has presented an *interim* report which, in particular, draws attention to the fact that a falling-off in membership concerns also the Society of Chemical Industry, and that close co-operation between the two societies may be desirable in any steps which may be taken to remedy this state of affairs. The matter is still under consideration and an announcement will be made in due course.

The action of the Council in approaching Chemical Societies abroad with a view to the mutual publication of terms of membership has met with a cordial response, and particulars received by the Society from the Deutsche Chemische Gesellschaft, the Norsk Kjemisk Selskap, the Real Sociedad Española de Física y Química, and the Suomalaisten Kemistien Seura were included at the end of the Journal for January, 1930.

A Central Building in London for Scientific and Technical Institutions. There would appear to be little need to remind Fellows of the urgent necessity for larger and more convenient accommodation for the Society, which has occupied its present apartments since 1874, when the number of Fellows was 733. In May, the President informed the Council that he had been approached with respect to

the possibility of the Chemical Society co-operating in a scheme for providing in London a Central Building for housing certain scientific and technical institutions. A Committee was appointed to enquire into and report upon the scheme, and in June the Council, on the recommendation of this Committee, agreed to the principle involved. The President (or in his absence, the Senior Secretary) was appointed to serve on the General Exploring Committee, and the President, Professor C. S. Gibson, and Dr. F. L. Pyman were elected to serve on a Joint Chemical Committee composed of representatives appointed by the Chemical Society, the Society of Chemical Industry, the Institution of Chemical Engineers, and the Institution of the Rubber Industry. This Joint Committee has met on several occasions, and the Council hopes shortly to be in a position to make an important announcement indicating the progress that has been made.

Presidency. In view of the important part which the President of the Society must take in the furtherance of the scheme, and in order that continuity of effort may be maintained, the Council has nominated the retiring President for another term of office. Professor Thorpe has accepted nomination on the understanding that he is at liberty to place his resignation in the hands of the Council at the end of the first year of the new period of office.

Patents and Designs Acts. In the Proceedings for June, the Council directed the attention of Fellows to the arrangements made by the Federal Council for Chemistry in connection with the preparation of a joint memorandum representing the considered views of chemists as to whether any, and if so what, amendments in the Patents and Designs Acts, or changes in the practice of the Patent Office, were desirable. Fellows were invited to send suggestions for consideration by the Committee of the Association of British Chemical Manufacturers, which was also acting as the Committee of the Federal Council for Chemistry. The Council is informed that the memorandum has now been presented to the Board of Trade.

Nomenclature. The Council has received from the Bureau of the Union Internationale de Chimie a request to publish in the Journal the proposed reforms in the Nomenclature of Organic and Inorganic Chemistry adopted by the Council of the Union Internationale. The matter was referred to the Federal Council for Chemistry and, at its suggestion, the Secretaries wrote informing the Bureau of the Union that the Federal Council, representing the opinion of British chemists, considered that publication of these reports should be postponed until they had been further considered by Committees on which the opinion of all adherents to the Union was represented.

Atomic Constants. The Council has directed the attention of the Federal Council for Chemistry to the desirability of the regular publication of International Tables of Atomic Constants.

The *List of Fellows*, published this year by the direction of the Council, was issued in October. This list, in addition to the usual information, indicates the various Constituent Organisations of the Federal Council for Chemistry of which Fellows are members.

Journal of Physical Chemistry. The Council was informed in October that the Chemical Foundation had agreed to be responsible for the business arrangements of the *Journal of Physical Chemistry*. Professor A. J. Allmand and Professor F. G. Donnan have been appointed by the Council to represent the Society on the British Editorial Board for a further period of two years.

Annual Reports. The volume of Annual Reports for 1929 includes, in addition to the usual subjects, a report on Crystallography and a biennial report on Mineralogical Chemistry.

The Council desires to thank those who have contributed to this volume.

Research Fund. Applications for research grants received during the year amounted to £901 and the sum allotted was £736 (Proceedings, pp. 74 and 123).

Bequest and Gifts. The Council has received intimation that under the will of the late Professor W. H. Perkin the sum of £1000 subject to a life interest has been bequeathed to the Publications Fund of the Society. It has also gratefully accepted an offer to present to the Society a life-size bronze plaque of Professor Perkin from his colleagues and students. The offer was made through Professor J. F. Thorpe, Chairman of the Perkin Memorial Fund Committee.

The Proceedings for January 1930 (pp. 1 and 2) contain an account of the presentation to the Society of a Silver Mace by Mr. Ayerst Henham Hooker to commemorate his attaining his Jubilee as a Fellow. Professor Joji Sakurai, who has also recently celebrated his jubilee as a Fellow, has sent a contribution of £10 to mark the occasion (Proceedings 1929, p. 69). The Council records its particular appreciation of the generosity of these two jubilee Fellows, and has also expressed its thanks to Mr. Basil Holmes for a framed photograph (dated 1878) of a group of Fellows of the Royal Society, and to Mr. E. W. J. Neave for a set of Journals from 1921 to 1927.

The Annual Chemical Dinner, in which the Chemical Society co-operated, was held in the Connaught Rooms on the 8th November, the principal guest of the evening being the Rt. Hon. Lord Dewar.

The Chemical Club has met eleven times during the year, and now dines on the days of the meetings of Council and of special lectures at the New Lauriers Restaurant, 102, Jermyn Street, S.W. 1.

VII. *Financial.*

General Purposes Account. The income of the Society for 1929 is less than that for 1928 by £94 3s. 7d. and the expenditure greater by £133 12s. 10d.

The chief reason for the decreased income is the loss of £306 17s. in the amount received as Annual Subscriptions. There is an increase of £64 13s. 7d. in income tax recovered, and of £158 11s. 9d. on deposit interest, the latter being due to the Society placing on deposit the money received on account of the sales of publications. Administration Expenses have increased by £12 19s. 9d. The sum paid as salaries is £93 18s. 4d. in excess of that for last year; in this is included a bonus of £55 granted to the staff in consideration of the extra work involved in the Society acting as its own publisher. It has also been necessary to engage an extra junior clerk. Furniture, House Expenses, and Repairs are less than last year by £59 2s. 1d., Miscellaneous Expenses by £39 3s. 2d., and the sum transferred to the Publications Fund Account by £723 7s. 2d. Increased expenditure was incurred of £58 3s. 2d. in Miscellaneous Printing and Stationery and of £40 10s. 5d. in Expenses of Meetings. The sum of £350 transferred to Pensions Fund Account is £200 in excess of that for last year. The contribution to the Library is £118 15s. 1d. higher than in 1928. £500 has been transferred to the Special Publication Fund Account to form a Sinking Fund which shall meet in part the cost of the preparation and publication by the Bureau of Chemical Abstracts of the Collective Index 1923-1932. The Council has further resolved that the sum of £250 shall be transferred to this fund in January of each year from 1930 to 1933 inclusive and that the Special Publications Fund shall finance the project up to an amount not exceeding £2000.

Publications Fund Account. Omitting from the income account the sums of £243 19s. 5d. in 1929 and £220 3s. 11d. in 1928, which have been capitalised, and the sums transferred from General Purposes Account, the income for 1929 exceeds that for 1928 by £588 6s. 6d. This is mainly due to an increase of £540 5s. 10d. in the sales of publications, which is approximately the sum paid last year as commission to the former Publishers and represents a considerable saving to the Society.

Journal. The total expenditure on the Journal shows a decrease of £360 1s. 3d. compared with last year. The cost of printing and

paper is down by £389 8s. 7d. owing to the number of pages being 235 less; distribution and banding are less by £52 8s. 6d. Editorial salaries have increased by £113.

Abstracts. Expenditure on account of the Abstracts this year shows an advance of £84 0s. 1d. over that for 1928. Printing is higher by £97 4s. 10d. owing to there being 92 more pages, and to the cost of the index being increased by £78 5s. 1d. The saving of £102 4s. 1d. in the cost of paper is due to an excess of stock having been purchased in 1928.

List of Fellows. The List of Fellows cost £143 14s. 9d. as against £129 8s. 2d. when it was issued in 1927.

Library. The contribution from the General Funds of the Society exceeds that for 1928 by £118 15s. 1d. The sum spent on books and periodicals and on binding is greater by £93 8s. 3d. and salaries are higher by £32 12s. 6d. It will be seen that approximately a quarter of the total sum expended on the Library is met by the Contributing Societies.

Staff Pensions Fund Account. If the sum of £9 11s. 3d. under Miscellaneous Receipts be disregarded it will be seen that the expenditure exceeds the income from investments by £92 14s. 10d. The Council decided that the sum of £350 should be transferred from General Purposes Account to meet this deficit and that the balance should be invested. The capital of the fund now stands at £907 14s. The Council desires to emphasise the need for further donations in order that the income from the Fund may be such as will enable it to meet the present charges and the further demands that in course of time will be made upon it.

General. A contribution of £50 has been made to the Federal Council for Chemistry for the year 1929, and a donation of £5 has been sent to the New International Association for Testing Materials.

The thanks of the Council have been conveyed to the Royal Society for the sum of £250 received from the Government Publications Grant towards the cost of the Society's publications for 1929, and to Imperial Chemical Industries, Ltd., for a contribution of £100 to the Publications Fund.

The sum of £200 on the Publications Fund Account has been invested in London Midland and Scottish Railway 4 per cent. Guaranteed Stock, and the 5 per cent. War Loan Stock 1929-1947 amounting to £11,149 11s. 10d. has been converted into 5 per cent. Conversion Loan, 1944-1964.

A vote of thanks to the Auditors, Dr. O. L. Brady, Dr. A. E. Dunstan, and Dr. P. Haas, for auditing the Accounts for 1929 was proposed by the TREASURER, seconded by Professor C. S. GIBSON, and carried, acknowledgment being made by Dr. O. L. BRADY.

It was moved from the Chair and carried that Professor J. C. Drummond, Dr. P. Haas, and Dr. J. Kenyon be elected Auditors to audit the Accounts of the Society for 1930.

A vote of thanks to the Treasurer, Secretaries, Foreign Secretary, Council, and Committees for their services during the past year was proposed by Professor C. K. INGOLD and seconded by Mr. E. HINKS. Acknowledgment was made by Professor F. G. DONNAN.

In presenting the Longstaff Medal for 1930 to Dr. W. H. Mills, F.R.S., the PRESIDENT said :—

“ Dr. Mills, it is my pleasant duty to present to you the Longstaff Medal which has been unanimously awarded to you by the Council.

“ The Medal was established by a resolution of Council dated December 21st, 1876, by which it was agreed to accept a donation of £1000 to the Research Fund by Dr. Longstaff on the understanding that ‘ a gold medal of not less value than £20 be awarded triennially to the Fellow of the Society who, in the opinion of Council, has done the most to promote Chemical Science by research.’

“ Chemists generally will welcome the decision of Council to award this medal to you because you have contributed a long and steady series of papers to our Transactions on subjects of the highest importance to the advancement of Chemical Science. Of these I would mention particularly your admirable investigations of the cyanine dyes and their uses as photographic sensitisers—information which proved to be of the greatest service to our fighting forces during the Great War—but more especially your researches on the occurrence of optically active forms of those substances which possess molecular dissymmetry such as the ketodilactone of benzophenone-2 : 4 : 2' : 4'-tetracarboxylic acid and the pyridylhydrazone of cyclohexylene dithiocarbonate.

“ By these investigations you have definitely established the fact that the cause of the absence of optical activity among aromatic derivatives due to the uniplanar character of the benzenoid structure is no longer effective when two rings are joined in such a manner as to make them lie in different planes and you have recently emphasised this fundamental conclusion by resolving benzenesulphonyl-8-nitro-1-naphthylglycine and

thus showing that the inhibition of free rotation about a single bond leads to molecular dissymmetry.

“All this work has required the exercise of the highest attributes of the Research Chemist; infinite patience, high knowledge, clear reasoning, and great manipulative skill. It is, therefore, with the greatest pleasure that I hand you the Medal on behalf of the Council, and express the hope that you will continue in the future to add to your achievements by further enriching the science our Society was founded to foster.”

Dr. MILLS made acknowledgment.

The Harrison Memorial Prize for 1929 was then presented to Dr. R. P. Linstead by the PRESIDENT, who said:—

“Dr. Linstead, it is my pleasant duty to present to you the Harrison Memorial Plaque and Prize which has been unanimously awarded to you by the Committee appointed under the Trust Deed, consisting of the Presidents of The Chemical Society, The Society of Chemical Industry, The Pharmaceutical Society, and The Institute of Chemistry.

“The description of the Award is best given in the words of the late Sir George Beilby, the Chairman of the Harrison Memorial Committee, who said ‘with the balance of the sum collected (after defraying the cost of the War Memorial) it was decided to create a fund to provide, every three years, a prize of approximately £150, to be awarded to the Chemist, man or woman, not over thirty years of age, who shall have made the most meritorious original contributions to chemical science during the previous five years. It is to be given for distinguished research in any branch of chemistry, pure or applied, and no restriction is to be placed upon the manner in which the prize is to be utilised by the recipient.’

“It is seldom that a research worker within the age limits demanded by the Trust Deed strikes out a line for himself and does not merely elaborate and extend the research problems on which he has been trained. Nevertheless, during the period required by the Deed you have succeeded in devising and establishing on a sure basis a means by which it is now possible to determine the relative proportions of the constituents present in equilibrium mixtures formed by the interchange of the $\alpha\beta$ - and $\beta\gamma$ -structures of substances exhibiting three-carbon tautomerism, and have thus supplied a method by which the close and quantitative study of this fundamental phenomenon can be effected.

“In awarding this prize and plaque I have to remind you

SPECIAL PUBLICATIONS FUND.

1928		1929		1928		1929	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
To Sales of Publications:—							
28	0 0	41	10 0	275	1 3	By Cost of Reproduction:—	
27	4 0	26	3 0	130	0 0	Faraday Lectures	
24	4 0	24	4 9	6	2 3	Memorial Lectures, Vol. II.	
9	2 11	19	7 3	43	1 6	Advertising, &c.	
13	17 4	29	7 0	1	2 2	Reprints for Memorial Lectures, Vol. III.	
		140	12 0	1	2 2	Production of Abstracts "A" printed on one side of the paper	
		140	12 0	43	1 6	Commission on recovery of Income Tax	60 2 7
102	8 3	140	12 0	1	2 2	Commission on Income Tax recoverable	14 10
4	10 6	—	—	1	2 2	Excess of Income over Expenditure carried to Balance Sheet	182 14 10
97	17 9	—	—	—	—		
59	4 8	—	—	—	—		
5	5 3	59	4 8	—	—		
—	—	1	18 6	—	—		
14	16 0	14	16 0	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
278	3 6	—	—	—	—		
£455	7 2	£216	15 10	£455	7 2		

THE CHEMICAL SOCIETY.—BALANCE SHEETS, 31ST DECEMBER, 1929.

1928		1929		1928		1929	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>							
10,375	0 4	10,595	4 3	4663	10 0	4663	10 0
220	3 11	10,595	4 3	3100	0 0	3100	0 0
£10,621	17 0	£10,839	3 8	2060	0 0	2060	0 0
<i>Assets.</i>							
By Investments (value when acquired):—							
£6141 15s. 6d. 3¼% Conversion Stock							
£3079 3s. 9d. 5% War Stock 1929/47							
£817 P. & O. Steam Navigation Co.							
Deferred Stock							
186 Ordinary Shares (£1) Lungta (Sylhet) Tea Co.							
124 Ordinary Shares (£1) Nedeem Tea Co.							
£393 London, Midland and Scottish Railway 4% Guaranteed Stock							
(Market Value £10,481 15s. 7d.)							
Sundry Debtors							
Cash at Bank							
£10,839 3 8							

THE CHEMICAL SOCIETY.—BALANCE SHEETS, 31ST DECEMBER, 1929.

GENERAL PURPOSES.

1928		1929		1928		1929	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>							
To Subs. received in advance:—							
366	0 0	959	1 10	839	3 7	839	3 7
At £5							
Sundry Creditors (trading and other Expenses)							
2,108	19 11	2,834	8 9	1650	0 0	1650	0 0
374	6 7	—	—	1316	1 0	1316	1 0
Bankers—overdraft							
Excess of Assets over Liabilities as per last Balance Sheet							
26,206	17 4	25,851	15 0	2070	2 0	2070	2 0
Add Excess of Income over Expenditure for Year							
254	17 8	27	1 3	3572	0 4	3572	0 4
26,551	15 0	25,878	16 3	1143	1 0	1143	1 0
Deduct Transfers to Special Funds:—							
Staff Pension Fund							
Special Lectures Fund							
700	0 0	25,878	16 3	1460	13 6	1460	13 6
£200				1033	11 0	1033	11 0
£300				704	8 6	704	8 6
				1995	0 0	1995	0 0
				1045	0 2	1045	0 2
				480	0 0	480	0 0
				8487	2 2	8487	2 2
				26,796	3 3	26,796	3 3
				3,002	5 7	3,002	5 7
				500	0 0	500	0 0
				2	13 8	2	13 8
				£29,301	1 6	£29,301	1 6
				£29,662	6 10	£29,662	6 10
<i>Assets.</i>							
By Investments (value when acquired):—							
£787 London, Midland and Scottish Railway 4% Debenture Stock							
£1620 14s. 3d. Cardiff Corp. 3% Stock							
£1400 India 2½ per cent. Stock							
£2400 Bristol Corpn. 2½% Debenture Stock, Bristol Dock Account							
£2713 London, Midland and Scottish Railway 4 per cent. Preference Stock							
£1200 Leeds Corporation 3% Stock							
£1500 Transvaal 3 per cent. Guaranteed Stock, 1923-53							
£1200 London and North Eastern Railway 3 per cent. Debenture Stock							
£700 Canada 3½% Stock, 1930/50							
£2100 3 per cent. War Stock, 1929/47							
£1100 5% National War Bonds, 1929/47							
£600 4 per cent. Funding Loan, 1960/90							
£11,212 9s. 3½ per cent. Conversion Stock							
(Market Value £20,849 3s. 8d.)							
Sundry Debtors							
Subscriptions in Arrear, £310. Estimated to realise							
Cash in Hand							
Cash at Bankers Current Account							
Cash at ditto Deposit ditto							
				316	1 5	316	1 5
				500	0 0	500	0 0
				6	8 8	6	8 8
				1,043	13 6	1,043	13 6
				2,000	0 0	2,000	0 0
				£29,662	6 10	£29,662	6 10

THE CHEMICAL SOCIETY.—BALANCE SHEETS, 31ST DECEMBER, 1929.

SPECIAL LECTURES FUND.

1928.		1929.		1928.		1929.	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>							
To Excess of Assets over Liabilities as per last Balance Sheet							
500	0	0	1001	8	2	1000	0
" Legacy, Prof. Archibald Liveridge							
" Transfer from General Purposes							
500	0	0	—	1	8	2	0
" Account							
" Excess of Income over Expenditure for the year							
1	8	2	3	19	0	1005	7
<u>£1001 8 2</u>		<u>£1005 7 2</u>		<u>£1001 8 2</u>		<u>£1005 7 2</u>	

SPECIAL PUBLICATIONS FUND.

18	0	0	31	3	9	By Investments (value when acquired):—	
284	17	1	13	0	7	£2115	8s. 10d. 3¼% Conversion Stock
" Sinking Fund for Collective Index (1923-32)							
" Interest							
" Excess of Assets over Liabilities as per last Balance Sheet							
1348	14	7	500	0	0	1600	0
" Less Excess of Expenditure over Income to 31st December, 1928							
278	3	6	2	13	2	41	10
" Add Excess of Income over Expenditure for the year							
—	—	—	1570	11	1	81	17
<u>£1873 8 2</u>		<u>£2270 3 5</u>		<u>£1873 8 2</u>		<u>£2270 3 5</u>	

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.

23, QUEEN VICTORIA STREET, E.C. 4.
February 18th, 1930.

W. B. KEEN
Chartered Accountant.

Approved { A. E. DUNSTAN.
O. L. BRADY.
P. HAAS.

that they were founded to commemorate an exceptional man who gave his life for his country just as surely as if he had been killed on the field of battle and to express the hope that throughout your life you may be guided by his high sense of service and his great devotion to duty."

Brief acknowledgment was made by Dr. LINSTEAD.

The PRESIDENT delivered his Address, entitled: "Internal Co-operation." A vote of thanks to the President for his services in the Chair during the past year and for his Address was proposed by Professor H. B. BAKER and seconded by Professor W. P. WYNNE. This was carried with acclamation and acknowledged by the PRESIDENT.

It was announced that the following had been elected to fill the vacancies on the Council for the year 1930—31 :—

President.—J. F. Thorpe.

Vice-Presidents who have filled the office of President.—P. F. Frankland, A. Scott.

Vice-Presidents who have not filled the office of President.—A. Lapworth, F. L. Pyman.

Ordinary Members of Council :—

Town Members : T. J. Drakeley, R. H. A. Plimmer, C. K. Tinkler.

Country Members : H. M. Dawson, E. Hope, J. Kendall.