

# ANNUAL GENERAL MEETING,

THURSDAY, MARCH 22ND, 1928, AT 4 P.M.

PROFESSOR H. BRERETON BAKER, C.B.E., D.Sc., F.R.S., President, was in the Chair.

The Report of the Council for 1927—1928, together with the Balance Sheets and Statements of Accounts for 1927, was presented, and a statement on the finances of the Society was made by the Treasurer. The adoption of the Report was proposed by Dr. L. J. SPENCER, seconded by Professor J. C. PHILIP, and carried unanimously.

## REPORT OF COUNCIL, 1927—1928.

### I. *Fellowship Statistics.*

THE number of Fellows at the 31st December, 1926, was 4093. During 1927, 190 Fellows were elected and 10 reinstated, giving the gross total of 4293. The deaths recorded were 40; the resignations numbered 103, and the names of 110 Fellows were removed from the List of Fellows for non-payment of Annual Subscriptions, the corresponding figures for the previous year being 32, 101, and 115, respectively. The number of Fellows, therefore, at the 31st December, 1927, was 4040, showing a decrease of 53 in the membership of the Society.

This decline in the number of Fellows is more than accounted for by the fact that the elections of new Fellows numbered only 190 as against an average of 270 for the past 10 years. The Council views the position with concern, and trusts that Fellows will use their best endeavours to bring before those interested in the advancement of chemical knowledge the advantages offered by the Fellowship of the Chemical Society.

During the year the Society has had to mourn the loss of one of its distinguished Past-Presidents, Dr. Arthur W. Crossley, who was President from 1925 to 1926, relinquishing the office after one year, owing to ill-health. He served on the Council in all for a period of twenty-two years, and a record of his eminent services to Chemistry in general and to the Society in particular is given in the obituary notice prepared by Professor W. P. Wynne appearing in the December Journal. The Council elected Sir William J. Pope as a Vice-President to fill the vacancy caused by Dr. Crossley's death.

The Council has also suffered the loss of its two senior Honorary Fellows, Professor Svante Arrhenius and Professor Ira Remsen,

who were elected on the 20th January, 1898. A memorial lecture to the former will be delivered by Sir James Walker next May, and an obituary notice of Professor Ira Remsen, prepared by Professor W. A. Noyes, appears in the Journal for December. During 1927, Sir Joseph J. Thomson, O.M., and Professor Richard Willstätter were elected Honorary Fellows, the number of whom, therefore, still remains at 23.

The congratulations of the Society have been conveyed to Mr. Oliver Quibell, elected March 4th, 1868, who has completed 60 years of Fellowship, and to the following Fellows who have attained their jubilee as Fellows during the year :

	Elected.
Beeby Thompson ... ..	June 21st, 1877.
Frederick Woodland Toms ... ..	June 21st, 1877.
Ayerst Henham Hooker ... ..	Feb. 7th, 1878.
Frederick Stuart Harris ... ..	Feb. 7th, 1878.
Walter Bezant Lowe ... ..	Feb. 21st, 1878.
Lewis Thompson Wright ... ..	Feb. 21st, 1878.

## II. *Publications.*

The Journal for 1927 contains 3205 pages, of which 3096 pages are occupied by 414 memoirs and 28 notes, the remaining 109 pages being devoted to Obituary Notices (43 pages), two Lectures (39 pages), the Report of the General Meeting (17 pages), and the Presidential Address (10 pages). The volume for 1926 contains 3248 pages, of which 3089 are devoted to 437 memoirs and 29 notes.

During 1927, 485 papers were offered to the Society for publication in the Journal; of these, 23 were declined. The corresponding numbers for 1926 were 528 and 35.

The average interval between the dates of receipt and of publication of papers was  $10\frac{1}{2}$  weeks for 1927, 14 weeks for 1926, and 13 weeks for 1925.

The Council again records its indebtedness to those Fellows who referee papers.

## III. *Library.*

Excluding the evenings on which meetings of the Chemical Society were held, there were 8002 attendances during the past year. Of these, 5408 were made by Fellows of the Chemical Society, and 2594 by members of contributing Societies, compared with 7692 and 2419, respectively, in 1926, while the number of books borrowed during 1927 was 5489 as against 5353 the previous year.

The additions to the Library comprise 286 books, of which 114 were presented, 702 volumes of periodicals (including a gift of 77

volumes from the Faraday Society), and 86 pamphlets; as against 295 books, 593 volumes of periodicals, and 48 pamphlets last year. The Library now contains 31,887 volumes, consisting of 9,647 books and 22,240 bound volumes of periodicals.

#### IV. *General.*

The Faraday Lecture was delivered by Professor Richard Willstätter at the Royal Institution (by courtesy of the Managers) on May 18th, and the Council decided to issue reprints of the lecture at the price of 1s. each. Of two other lectures arranged to take place in the Meeting Room of the Society, the first was given by Professor W. A. Bone, F.R.S., on November 24th, the title of his Lecture being "Gaseous Combustions at High Pressures," and the second, entitled "Spectra and Atoms," was delivered by Professor A. Fowler, on February 23rd.

The President, together with Mr. A. Chaston Chapman and Professor C. S. Gibson, represented the Society at the Berthelot Celebrations held in Paris in September, and an Address of Congratulation was presented by the President at the Séance Solennelle in the Sorbonne; Mr. Chaston Chapman was also the Society's delegate at the 7-ième Congrès de Chimie Industrielle. The President, who was the Society's delegate at the Jubilee Celebrations of the Institute of Chemistry, presented an Address of Congratulation at the Dinner on December 15th, the Ordinary Scientific Meeting fixed for that day having been abandoned.

Professor W. A. Bone acted as the Society's delegate at the Conference on "Methods of Coal Analysis" held in October, and Dr. J. J. Fox agreed to continue to serve on the Aircraft Subcommittee on Chemicals of the British Engineering Standard Association. Dr. Fox also represents the Society on the New International Association for Testing Materials.

The President has been nominated to serve on the Court of Bristol University in the place of the late Sir William A. Tilden; Dr. V. J. Harding was the Society's delegate at the Annual Convention of Chemists of Canada held in Quebec in June, and Sir William J. Pope has been nominated to serve on the Organising Committee of the 7th International Congress of Photography to take place in London on July 9th to 14th, 1928.

At the Anniversary Dinner on March 24th, at which the company numbered 170, the Society was honoured by the presence of Professor Camille Matignon, representing the French Chemical Society, and Hofrat Professor Dr. W. Schlenk, the President of the German Chemical Society. The Presidents of the Belgian, Danish, Dutch, Finnish, Norwegian, Swedish, and Swiss Chemical Societies have

been invited to be the foreign guests of honour at the next Anniversary Dinner on March 22nd, 1928.

The Council has agreed to co-operate in a joint chemical dinner to be held in London in the autumn of 1928, and has appointed the Assistant Secretary to serve on the Committee responsible for the arrangements.

The Society's representatives on the Bureau of Chemical Abstracts for 1928 are Professor C. S. Gibson, Mr. A. J. Greenaway, Dr. J. T. Hewitt, Professor G. T. Morgan, and the Treasurer, who serves as an *ex-officio* member. The "A" Abstracts for 1927 contained 8010 abstracts occupying 1230 pages, compared with the corresponding figures in 1926, of 7978 abstracts occupying 1284 pages, and the average length per abstract was 0.30 of a column as against 0.32. The 8010 abstracts comprised 4157 in General, Physical, and Inorganic Chemistry, 80 in Mineralogical, 2095 in Organic, and 1678 in Bio-chemistry. As from January 1928, the title of "Mineralogical Chemistry" will be altered to "Geochemistry." For the Abstracts for 1928, it has been decided to use a paper 30 per cent. lighter in weight than that previously utilised. A substantial saving in the cost of paper will follow as a result of this change, and it is anticipated that there will be a saving in postage on the "A" Abstracts.

Professor C. S. Gibson, Sir William J. Pope, and Professor J. F. Thorpe continue to represent the Society on the Federal Council, and Professor A. J. Allmand and Professor F. G. Donnan have been appointed to serve for two years on the Editorial Board of the *Journal of Physical Chemistry*, in the place of Professor J. W. McBain and Professor J. C. Philip, retired. During 1927, the British Members of the Editorial Board received 26 papers, of which 12 have been published, 10 await publication, and 4 are under consideration; 12 reviews of books have also been prepared.

Under the will of the late Professor W. Carleton Williams, the Society is to receive at the death of his daughter the sum of £1000 for the maintenance and support of the Society's Journal and Library. Further, a bequest of £500 has been made by the late Professor Archibald Liversidge to found a lectureship for the express purpose of encouraging research. Accordingly, it has been decided to create a "Special Lectures Fund" into which the £500 from Professor Liversidge and an equal amount from the general funds of the Society will be paid, the income derived from this fund to be devoted to providing honoraria for the lecturers to be appointed by the Council. Two Annual Lectureships have thus been established, one to be designated the "Liversidge Lecture" and the other the "Pedler Lecture." The lectures will deal as far as

practicable with the description of new knowledge, and the lecturers, who will be selected by reason of their own discoveries, will indicate in their lectures the directions in which further research work is desirable. The lectures will be open to the public free by ticket.

Volume II of the Memorial Lectures has been reproduced by the photolithographic process and can be obtained by Fellows at 7s. per copy. It has also been decided to publish in the near future a volume containing the Faraday Lectures delivered before the Society.

The cordial thanks of the Council have been conveyed to Miss Gladstone for presenting an Album containing photographs of eminent Chemists and other Men of Science, which belonged to the late Dr. John Hall Gladstone, Past-President, and to Lady Ramsay for presenting to the Library a number of books from the library of the late Sir William Ramsay. The Council has also gratefully acknowledged gifts of the Society's publications from Mr. Leonard Archbutt, Mr. R. E. Crowther, Mrs. E. D. Gravill, Mr. H. F. Robinson, and Dr. F. K. Viccajee.

The collection of medals has been enriched by replicas of the Horace Brown Medal from the Institute of Brewing and the Amé Pictet Medal struck in commemoration of his seventieth birthday, which was celebrated last November.

The Council has referred to a committee for consideration and report the question of revising the Bye-Laws, such revision being rendered especially necessary by the fact that they contain no provision for the establishment of the Bureau of Chemical Abstracts. The Council hopes shortly to be in a position to submit its recommendations to the Fellows for their consideration.

The List of Fellows corrected up to July 31st was issued in September free of charge to those Fellows who had made application.

During the year, 90 applications for research grants were received from Fellows asking for £960 10s., and 9 from non-Fellows asking for £95. 85 grants amounting to £677 10s. were made to the former and 3 grants amounting to £20 to the latter. Since the sum applied for each year far exceeds the amount available for distribution, the Council has resolved that in ordinary circumstances, if a grantee incurs no expenditure during two consecutive years while holding the grant, the amount in his hands shall be returned to the Society; also, that any balance remaining in a grantee's hands after he has held the grant for four years shall be returned to the Society.

At the Ordinary Scientific Meeting on June 16th, 1927, the President made a presentation to Mr. S. E. Carr of two cheques,

one from the Council and the other from Fellows, together with an album containing the signatures of the Honorary Fellows and Fellows who had contributed, and a clock, to mark the completion of his 25th year as Assistant Secretary.

The Council again acknowledges its indebtedness to those who have delivered lectures before the Society, to Fellows and others who have prepared obituary notices, and to the authors of the Annual Reports for 1927.

#### V. *Financial.*

It is gratifying to record that during the year under review the income of the Society has increased by £206 9s. 6d., whilst the expenditure has decreased by £114 17s. 2d., and that there is a balance in hand of £456 6s. 8d.

*Income.* The chief cause of the increased income is to be found in the contribution from the Publications Fund, which is this year greater by £199 4s. 6d. than that of last year. There have been increases in the amounts received from Publications sales (£80 18s. 11d.) and from interest on investments (£49 7s. 6d.), but the contributions to the Library show a decrease of £101 1s.

*Expenditure.* Compared with 1926, the cost of the Journal has decreased by £14 14s. 3d., and the Abstracts by £88 16s.; this year each account bears its share of the cost of superannuation previously borne by administration expenses, the charges being £37 16s. 3d. and £9 4s. 5d. respectively. Administration expenses are less by £323 16s., due to a saving under the item of wages of £135 17s. 0d., of which £82 14s. has been charged to the Library Account, and to a saving of £130 6s. 10d. on miscellaneous printing and stationery. This year, the Accounts have to bear the cost of the List of Fellows (£129 8s. 2d.) and increased cost of pensions (£94 5s.).

*Income Tax.* It will be noticed that Income Tax, which is deducted at the source from the interest on all the Society's investments excepting 5% War Loan and 5% National War Bonds, and which has been hitherto recovered without question, is, this year, shown under the items "Income tax recovered" and "Income tax recoverable." This action has been rendered necessary by the Inland Revenue Commissioners, who have informed the Council that pending the decision in the High Court of two test cases, they are unable to continue to exempt the Society from paying income tax. The figures shown under "Income tax recovered" represent the tax returned in respect of the income for 1926 up to the 5th April, and those given under the items "Income tax recoverable," amounting in all to £131 0s. 6d., indicate the sum due in respect of the period 5th April to 31st December, 1926.

*General.* It is of interest to review the financial position in this the ninth year after the Armistice, in order to see how far financial conditions may be regarded as stabilised. During the war years 1914—1918, the small volume of research work published led to a succession of credit balances amounting in all to some £7000. These accumulated funds, however, were used up during the next five years, notwithstanding the fact that in 1921 the annual subscription was raised from £2 to £3, and it became clear in 1923 that new sources of income would have to be provided and drastic economies exercised. As a result of the action then taken, the accounts for the years 1924—1927 showed credit balances of £210, £466, £135, and £456 respectively, and there is thus reason to hope that a measure of stability in the financial affairs of the Society has been attained.

In this connexion it is to be observed that for 1927, while the number of pages in the Journal shows a decrease of 43 pages compared with 1926, the Abstracts also number 56 pages fewer than in the previous year. If this proves to be a true indication that the increase in expenditure on account of its publications, which the Society has had to face since the war, is ceasing, then it may be possible that the Council will be able in the near future to relax some of the restrictions that have had to be enforced.

*Publications Fund.* The Fund has now been established for four years, and, thanks to the benefaction from the late Sir Alexander Pedler and to donations from Fellows and manufacturers, the capital sum now stands at £10,375 0s. 4d. This year the fund contributed £961 0s. 8d. to the General Fund, but £350 of this was again derived from the Government Publications Grant administered by the Royal Society, for which the Council desires to express its thanks. The Publications Fund will continue automatically to increase by the yearly sums paid as Life Composition Fees and, it is hoped, will be augmented by further contributions and legacies.

#### *Special Publications Fund.*

The sales of the various publications financed by means of this fund have realised £238 2s. 9d. towards the total cost of £401 13s. 4d. incurred in publication, and there is reason to anticipate that in time the various ventures will pay for themselves.

#### *Miscellaneous.*

As in former years, the Society has again contributed £100 towards the expenses of the Federal Council. For the first time, the accounts of the Bureau of Chemical Abstracts are included with those of the Society, the Council considering that as the Society is responsible for approximately one-half of the expenditure incurred

by the Bureau, its accounts should be submitted to the Fellows. The expenses incurred on account of Abstracts "A" (Pure) are incorporated in the various items appearing in the Chemical Society's Income and Expenditure Account under the heading "Expenses on account of Abstracts." The figures are arrived at as follows:

*Salaries*, £472 10s. (half common) + £414 (Pure) + £214 7s. 11d.  
(Index) = £1100 17s. 11d.

*Postages*, £18 7s. 11d. (half common) + £25 17s. 10d. (Pure) = £44 5s. 9d.

*Abstractors' fees*, £1162 17s. 7d. (Pure).

*Abstracts Index*, £665 13s. 8d. (Printing) + £2 16s. 2d. (Banding) + £14 18s. 8d. (Distribution), (total £683 8s. 6d.).

*Miscellaneous*, £8 2s. 8d. (Stationery, half common) + £6 9s. 6d. (Journals, half common) + £1 1s. 8d. (Travelling, half common) + £4 19s. 4d. (Travelling, Pure) + £20 11s. 4d. (General expenses, half common) = £41 4s. 6d.

During the year the Bureau, after receiving expert advice, decided to use a lighter paper for its publications, the change to commence with the January 1928 issue. The advantages seemed so considerable that the Council decided to use the same paper for the Journal, and by an arrangement with the printers it was found possible to effect the change in January of this year. It is considered that not only will the Fellows benefit by having a Journal which for the full year will weigh about 3 lb. less than hitherto and be 2 inches less in thickness, but the Society will save approximately £250 on postages and paper.

The Council has to thank Dr. D. S. JERDAN for a contribution of £15 in augmentation of his Life Composition Fee.

A vote of thanks to the Auditors (Dr. O. L. BRADY, Dr. A. E. DUNSTAN, and Dr. G. W. MONIER-WILLIAMS) for their services, proposed by the TREASURER, and seconded by Mr. R. L. COLLETT, was carried unanimously, Dr. G. W. MONIER-WILLIAMS making acknowledgment. On the proposal of Professor J. R. PARTINGTON, seconded by Dr. A. BRAMLEY, Dr. Brady, Dr. Dunstan, and Dr. Monier-Williams were unanimously elected Auditors to audit the Accounts of the Society for 1928.

A vote of thanks to the Treasurer, Secretaries, Foreign Secretary, Council, and Committees for their services during the past year, proposed by Professor A. G. PERKIN, and seconded by Dr. J. J. SUDBOROUGH, was carried unanimously, and acknowledged by Professor W. P. WYNNE.

The PRESIDENT then delivered his Address, entitled, "Constitu-  
M 2



tion of Liquids. Some New Experiments." 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. E. ARMSTRONG, seconded by Sir ROBERT ROBERTSON, and carried unanimously, the PRESIDENT making acknowledgment.

The report on the election to vacancies on the Council for the year 1928—1929 was read as follows :

*President.*—Jocelyn F. Thorpe.

*Treasurer.*—T. Slater Price.

*Secretary.*—T. S. Moore.

*Vice-Presidents who have filled the office of President.*—H. Brereton Baker, W. H. Perkin, Sir William J. Pope, Sir James Walker.

*Vice-Presidents who have not filled the office of President.*—W. H. Mills, J. C. Philip.

*Ordinary Members of Council.*—

*Town Members.*—W. A. Bone, H. King, J. L. Simonsen, S. Sugden, H. Terrey, Miss M. A. Whiteley.

*Country Members.*—W. M. Cumming, N. V. Sidgwick.

Professor J. F. THORPE then took the Chair and declared the meeting closed.

BUREAU OF CHEMICAL ABSTRACTS.

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1927.

		<i>Expenditure.</i>		<i>Income.</i>		
	£	s.	d.	£	s.	d.
To Salaries:						
Common...	945	0	0			2812 0 8
Applied .....	396	0	0			3032 14 2
Pure .....	414	0	0			
Abstractors:				1755	0	0
Applied .....	885	15	11			
Pure .....	1162	17	7			
Printing and Stationery:				2048	13	6
Common .....	16	5	3			
Sundry Journals .....	12	18	11			
Postages:						
Common .....	36	15	11			
Pure .....	25	17	10			
Travelling:				62	13	9
Common .....	2	3	4			
Applied .....	14	0	8			
Pure .....	4	19	4			
Index:				21	3	4
Applied .....	61	9	8			
Remuneration .....	925	13	4			
Printing .....	987	3	0			
Pure .....						
Remuneration .....	214	7	11			
Printing .....	683	8	6			
Pure .....	897	16	5			
General Expenses:				1884	19	5
Common .....	41	2	9			
Applied .....	1	18	0			
Pure .....				43	0	9
				£5844	14	11
				£5844	14	11

BALANCE SHEET AS AT 31ST DECEMBER, 1927.

	£	s.	d.	£	s.	d.
Sundry Creditors:						
Society of Chemical Industry .....	69	8	9			
Chemical Society .....	89	17	9			
Sundry Journals .....	1	15	0			
Auditors .....	5	5	0			
				166	6	6
				£166	6	6
				£166	6	6
Cash at Bank .....						158 8 3
Cash in Hand .....						7 18 3
						166 6 6
						£166 6 6

We report that we have examined the above Balance Sheet with the Books and Vouchers of the Bureau and, having obtained all the information and explanations we have required, we are of opinion that such Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Bureau's affairs according to the best of our information and the explanations given to us, and as shown by the Books of the Bureau.

3, FREDERICK'S PLACE, OLD JEWRY, LONDON, E.C.2.  
 each £s. 10/6

## INCOME AND EXPENDITURE ACCOUNT

1926		<i>Income.</i>		1927	
£	s. d.	£	s. d.	£	s. d.
	190 10 0	To Life Compositions ... ..			175 10 0
		Annual Subscriptions:—			
1054	10 0	Received in advance, on account of 1927 ... ..	942	0 0	
8318	10 0	“ during 1927 “ “ “ “ “ “ “ “	8397	3 0	
497	12 0	“ “ “ “ “ 1926 “ “ “ “ “ “ “ “	524	0 0	
39	8 0	“ “ “ “ “ 1925 and previous years	46	2 0	
9910	0 0		9909	5 0	
500	0 0	Less amount included in last year's Income, being valuation of Arrears as per last Balance Sheet ... ..	500	0 0	
9410	0 0		9409	5 0	
500	0 0	Add Arrears at date: £597 17s.; Estimated to realise as per Balance Sheet ... ..	500	0 0	
9910	0 0		9909	5 0	
		Investments, Dividends on:—			
		£787 London, Midland and Scottish Railway 4 per cent. Debenture Stock ... ..	25	3 10	
25	3 10	£1520 14s. 3d. Cardiff Corporation 3 per cent. Stock, 1914/54	36	10 0	
36	10 0	£1400 India 2½ per cent. Stock ... ..	31	10 0	
35	0 0	£2400 Bristol Corporation 2½ per cent. Debenture Stock	48	0 0	
48	0 0	£2713 London, Midland and Scottish Railway 4 per cent. Preference Stock ... ..	86	16 4	
86	16 4	£1200 Leeds Corporation 3 per cent. Stock ... ..	28	16 0	
28	16 0	£1500 Transvaal 3 per cent. Guaranteed Stock, 1923/53 ...	40	10 0	
45	0 0	£1200 London and North Eastern Railway 3 per cent. Debenture Stock ... ..	28	16 0	
28	16 0	£700 Canada 5½ per cent. Stock, 1930/50 ... ..	19	12 0	
19	12 0	£2100 5 per cent. War Stock, 1929/47 ... ..	105	0 0	
105	0 0	£1100 5 per cent. War Bonds, 1929/47 ... ..	44	0 0	
44	0 0	£600 Funding Loan, 4 per cent., 1960/90 ... ..	21	12 0	
24	0 0	£11873 3¼ per cent. Conversion Stock ... ..	332	9 0	
332	9 0	Income Tax recovered ... ..	69	15 3	
114	0 0	Income Tax recoverable ... ..	92	15 3	
—		Interest on Deposit ... ..	66	12 10	
55	7 10		1077	18 6	
1028	11 0	Publication Sales:—			
		Journals and Proceedings ... ..	2765	11 11	
2631	7 11	Abstracts ... ..	2336	2 2	
2438	12 11	Collective Index, Vols. I-VI ... ..	118	5 5	
113	10 4	Annual Reports on Progress of Chemistry ... ..	820	19 8	
767	1 11	Memorial Lectures. Vol. II. ... ..	15	8 3	
27	9 0	Other Publications ... ..	9	6	
9	4		6056	16 11	
5978	11 5	Less Publishers' Commission ... ..	543	16 4	
546	9 9	Proceeds of Advertisements in Journal and Abstracts ...	548	12 9	
5482	1 8	Less Commission ... ..	153	14 1	
538	1 5	Miscellaneous Receipts... ..	394	18 8	
148	1 9	Contributions to Library ... ..	48	17 0	
389	19 8	Transfer from Publications Fund, viz.:—	581	15 0	
60	1 5	Government Publications Grant (through the Royal Society) ... ..	350	0 0	
682	16 0	Dividends and Interest on Deposit ... ..	531	18 2	
350	0 0	Subscriptions ... ..	79	2 6	
825	18 2		961	0 8	
85	18 0		£18,662	5 5	
761	16 2				
£18,455	15 11	To Pedler Bequest, Balance of Income from Residue of Estate of Sir Alexander Pedler ... ..	102	7 10	
143	19 4	*Pedler Bequest, Balance of Capital ... ..	2985	16 2	
1800	0 0	Excess of extraordinary Expenditure over extraordinary Income, carried to Balance Sheet ... ..	—		
421	0 0		£3,088	4 0	
£2,364	19 4				

\* Legacy Duty amounted to £536 1s

FOR THE YEAR ENDED 31ST DECEMBER 1927.

1926		<i>Expenditure.</i>		1927	
£	s. d.	£	s. d.	£	s. d.
		By Expenses on account of Journal :—			
995	7 0	Editorial Salaries	...	1020	15 0
68	5 1	Editorial Postages	...	63	15 11
3673	7 1	Printing of Journal	...	3685	14 6
88	11 4	Banding	...	85	18 3
73	12 7	Printing of Advertisements	...	77	16 6
5	9 9	Addressograph Labels	...	5	3 5
510	7 11	Distribution of Journal	...	529	7 0
336	14 3	Authors' Copies	...	320	11 9
5	5 0	Insurance of Stock	...	5	5 0
17	11	Warehousing of Stock	...	—	—
—	—	Superannuation of Staff	...	37	16 3
11	16 11	Miscellaneous	...	10	13 3
<hr/>				<hr/>	
	5769 14 10				5792 16 10
		,, Expenses on account of Abstracts :—			
1150	15 0	Editorial Salaries (Bureau)	...	1100	17 11
39	16 11	Editorial Postages (Bureau)	...	44	5 9
1194	11 6	Abstractors' Fees (Bureau)	...	1162	17 7
3073	5 3	Printing of Abstracts (Bureau £665 13s. 8d.)	...	3061	1 0
88	11 4	Banding (Bureau £2 16s. 2d.)	...	85	18 2
5	9 8	Addressograph Labels	...	5	3 5
510	8 0	Distribution of Abstracts (Bureau £14 18s. 8d.)	...	529	7 1
5	5 0	Insurance of Stock	...	5	5 0
17	10	Warehousing of Stock	...	—	—
—	—	Superannuation of Staff	...	9	4 5
55	15 11	Miscellaneous (Bureau)	...	41	4 6
<hr/>				<hr/>	
	6124 16 5				6045 4 10
36	14 8	,, Lecture Expenses	...	56	18 7
90	12 7	,, Advance Proofs and Reports of Meetings	...	92	17 11
635	19 3	,, Annual Reports on the Progress of Chemistry	...	587	12 7
40	8 10	,, Purchase of Back Numbers of Publications...	...	9	12 6
—	—	,, List of Fellows—Printing, etc.	...	129	8 2
2093	11 6	,, Library Expenses	...	2217	15 6
		,, Donations :—			
10	10 0	Optical Convention	...	—	—
100	0 0	Federal Council	...	100	0 0
<hr/>				<hr/>	
	110 10 0				100 0 0
		,, Administration Expenses :—			
1436	13 6	Salaries of Staff	...	1444	2 0
412	14 6	Wages (Commissionaire, Housekeeper, and Charwomen)	...	276	17 6
57	4 1	Coal and Lighting	...	66	12 11
153	2 10	House Expenses and Repairs	...	187	19 5
73	3 4	Furniture	...	1	12 6
22	16 0	Telephone	...	19	9 5
34	4 7	Tea Expenses	...	34	5 4
24	16 4	Insurances	...	13	5 0
31	10 0	Accountants' Charges	...	31	10 0
—	—	Ditto Pedler Bequest	...	45	0 0
5	14 0	Commission on Recovery of Income Tax	...	3	9 9
446	16 0	Miscellaneous Printing and Stationery	...	316	9 2
156	6 8	Postages	...	141	14 5
35	0 7	Expenses at Annual General Meeting	...	42	18 2
176	5 2	Superannuation of Staff	...	128	0 1
19	2 0	Addresses	...	12	18 0
91	13 3	Miscellaneous Expenses	...	86	3 2
<hr/>				<hr/>	
	3176 2 10				2852 6 10
190	10 0	,, Transfer to Publications Fund (Life Composition Fees)	...	175	10 0
51	15 0	,, Staff Pensions Fund—Pensions paid during 1927	...	146	0 0
135	0 0	,, Excess of ordinary Income over ordinary Expenditure carried to Balance Sheet	...	456	6 8
<hr/>				<hr/>	
	£18,455 15 11				£18,662 5 5
143	19 4	By Publications Fund—Income from Pedler Bequest	...	102	7 10
1800	0 0	,, Publications Fund—Capital from Pedler Bequest	...	2985	16 2
200	0 0	,, Staff Pensions Fund, transferred from accumulation of General Purposes Account at 31st December, 1925	...	—	—
221	0 0	,, Cost of New Library Bookshelves	...	—	—
<hr/>				<hr/>	
	£2,364 19 4				£3,088 4 0

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1927.

RESEARCH FUND.

1926		1927		1926		1927	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Income.</i>							
To Dividends on:							
32	0	0	0	772	0	0	0
£1000 London and North Eastern Railway							
4 per cent. 2nd Guaranteed Stock ...							
20	13	8	20	17	0	0	0
£1084 Great Western Railway 2½ per cent. Stock ...							
34	5	8	20	13	8	21	0
£1142 10s. New South Wales 3 per cent. Stock ...							
33	13	2	30	7	2	27	3
£1122 Metropolitan Water Board 3 per cent. "B" Stock ...							
27	5	10	30	5	11	0	0
£1483 London, Midland and Scottish Railway 4 per cent. Debenture Stock ...							
19	6	10	27	5	10	6	19
£808 Victoria 3 per cent. Debenture Stock, 1929/49 ...							
224	18	6	19	6	10	0	0
£4498 11s. 0d. 5% War Loan, 1929/47 ...							
180	15	2	224	18	6	27	3
£5164 13s. 9d. 3½% Conversion Stock ...							
27	0	0	548	1	7	0	0
Income Tax Recovered ...							
180	15	0	12	8	3	687	10
Income Tax Recoverable ...							
15	19	6	137	18	0	12	5
Repayment of Grants ...							
31	16	5	8	7	7	8	0
Interest on Deposit ...							
Sale of Apparatus ...							
Balance, being Excess of Expenditure over ...							
Income, carried to Balance Sheet ...							
£828 9 0		£726 2 11		£828 9 9		£726 2 11	

THE EDWARD FRANK HARRISON MEMORIAL TRUST FUND.

25	0	0	5	4	6	6	15	0
To Dividends on:--								
£500 National War Bonds, 5%, 1928 ...								
25	0	0	135	0	0	0	0	0
£500 National War Bonds, 5%, 1929 ...								
2	3	2	---	---	---	---	---	---
£61 15s. 8d. Conversion Stock, 3½% ...								
3	9	2	2	3	2	0	0	0
Interest on Deposit ...								
84	12	2	53	16	7	0	0	0
Balance, being Excess of Expenditure over ...								
Income, carried to Balance Sheet ...								
£140 4 6		£156 15 0		£140 4 6		£156 15 0		

**PUBLICATIONS FUND.**

1926

1927

	£ s. d.	By Transfer to General Account, being Life Composition Fees for year...	£ s. d.
To	190 10 0	Subscriptions ...	350 0 0
"	99 0 0	Donations ...	85 18 0
"	1102 9 0	Government Publications Grant (through the Royal Society) ...	325 18 2
"	350 0 0	Dividend on £5,933 10s. 2d. Conversion Stock, 3½ per cent. ...	9 3
"	152 8 6	Ditto £3,070 3s. 9d. War Stock, 5% ...	13 2 0
"	24 11 4	Ditto £710 P. & O. Steam Navigation Co. Deferred Shares ...	71 0 0
"	—	Ditto 124 4½ Shares Neddeem Tea Co. ...	7 13 5
"	—	Balance of Income from Pedler Bequest, transferred from General Account ...	25 5 3
"	143 19 4	Interest on Deposit ...	102 7 10
"	4 19 0	Income Tax recovered ...	3 3 6
"	9 4 8	Income Tax recoverable ...	13 17 3
"	—	Balance of Capital from Pedler Bequest, transferred from General Account ...	18 9 0
"	1800 0 0		2985 16 2
	<u>£3877 1 10</u>		<u>£4185 14 1</u>

	£ s. d.	By Transfer to General Account—Income applicable to 1927 Publications, viz.—the Royal Society ...	£ s. d.
To	350 0 0	Subscriptions ...	350 0 0
"	85 18 0	Donations ...	79 2 6
"	325 18 2	Dividends and Interest on Deposit ...	531 18 2
"	9 3	Commission on recovery of Income Tax ...	931 0 8
"	13 2 0	Subscriptions in advance (carried forward) ...	13 10
"	—	Balance, being excess of Income over Expenditure, carried to Balance Sheet, viz.—	6 1 0
"	190 10 0	Life Composition Fees ...	175 10 0
"	8 15 5	Income Tax recovered (net) ...	31 12 5
"	1102 9 0	Donations ...	25 0 0
"	1800 0 0	Balance of Capital from Pedler Bequest ...	2985 16 2
	<u>£3877 1 10</u>		<u>£4185 14 1</u>

**SPECIAL PUBLICATIONS FUND.**

	£ s. d.	By Cost of Reproduction:—	£ s. d.
To	34 5 0	Printing Portraits of Eminent Chemists ...	4 15 6
"	72 3 11	Faraday Lectures ...	3 3 0
"	—	Advertising ...	7 5
"	115 5 11	Commission on recovery of Income Tax ...	—
"	4 16 11	Miscellaneous Expenses ...	144 7 4
"	110 9 0	Balance, being excess of Income over Expenditure carried to Balance Sheet ...	—
"	59 4 8		—
"	9		—
"	—		—
"	—		—
"	19 8 1		—
	<u>£180 2 6</u>		<u>£152 13 3</u>

	£ s. d.	By Pensions paid during 1927 ...	£ s. d.
To	51 15 0	Excess of Income over Expenditure carried to Balance Sheet ...	146 0 0
"	362 0 11		23 16 10
	<u>£189 2 6</u>		<u>£152 13 3</u>

**STAFF PENSIONS FUND.**

	£ s. d.	By Pensions paid during 1927 ...	£ s. d.
To	51 15 0	Excess of Income over Expenditure carried to Balance Sheet ...	146 0 0
"	362 0 11		23 16 10
	<u>£189 2 6</u>		<u>£152 13 3</u>

	£ s. d.	By Pensions paid during 1927 ...	£ s. d.
To	51 15 0	Excess of Income over Expenditure carried to Balance Sheet ...	146 0 0
"	362 0 11		23 16 10
	<u>£189 2 6</u>		<u>£152 13 3</u>

INCOME AND EXPENDITURE ACCOUNTS OF OTHER FUNDS FOR THE YEAR ENDED 31ST DECEMBER, 1927.

**LIBRARY.**

**Income.**

1927

£ s. d.

1926

**Expenditure.**

1927

£ s. d.

To Contributions:—

Association of British Chemical Manufacturers	150	0	0
Biochemical Society	10	10	0
Faraday Society	5	5	0
Institute of Brewing	45	0	0
Institute of Chemistry	250	0	0
Society of Chemical Industry	100	0	0
Society of Dyers and Colourists	10	10	0
Society of Public Analysts	10	10	0
Jones, J. F.	—	—	58 15 0

Contribution from General Fund

£2217 15 6

£2098 11 6

£2217 15 6

**THE CHEMICAL SOCIETY.—BALANCE SHEETS, 31ST DECEMBER, 1927.**

**GENERAL PURPOSES.**

**Liabilities.**

£ s. d.

£ s. d.

£ s. d.

To Subs. received in advance:—	942	0	0
at £3 0 0	—	—	—
Sundry Creditors (Printing and other Expenses)	2,221	10	7
Bankers—overdraft	464	9	8
Excess of Assets over Liabilities as per last Balance Sheet	26,126	10	8
Add Excess of Income over Expenditure for Year	135	0	0
	29,889	10	11

Less Excess of extraordinary Expenditure over extraordinary Income for Year

26,296 17 4

26,296 17 4

26,296 17 4

**Assets.**

By Investments (value when acquired):—

£737 London, Midland and Scottish Railway 4 cent. Debenture Stock	839	3	7
£1620 14s. 3d. Cardiff Corp'n. 3% Stock	1650	0	0
£3400 India 2½ per cent Stock	1316	1	0
£3400 Bristol Corp'n. 2½% Debenture Stock, Bristol Dock Account	2070	2	0
£2713 London, Midland and Scottish Railway 4 per cent. Preference Stock	3572	0	4
£1200 Leeds Corporation 3% Stock	1143	1	0
£1500 Transvaal 3 per cent. Guaranteed Stock, 1923-53	1460	13	6
£1200 London and North Eastern Railway 3 per cent. Debenture Stock	1033	11	0
£700 Canada 3½% Stock, 1930/60	704	8	6
£2100 5 per cent. War Stock, 1929/47	1995	0	0
£1100 5% National War Bonds, 1929/47	1045	0	2
£660 4 per cent. Funding Loan, 1960/90	480	0	0
£11,873 3½ per cent. Conversion Stock (Market Value £22,031 11s. 2d.)	8987	2	2
Sundry Debtors	2617	19	9
Subscriptions in Arrear £897 17s. Estimated to realise	500	0	0
Insurance paid in advance	47	7	0
Cash in Hand	7	0	11
	29,468	10	11

26,296 17 4

2,798 9 8

500 0 0

29 0 3

11 9 6

£29,635 2 8

£29,468 10 11

£29,468 10 11

£29,635 2 8

RESEARCH FUND.

1926		1927		1928	
£	s. d.	£	s. d.	£	s. d.
14,444	12 6	14,471	16 3	1010	0 0
To Excess of Assets over Liabilities as per last Balance Sheet ... ..					
27	3 9	5	3 11	1049	15 11
Add Excess of Income over Expenditure for Year ... ..					
				1000	0 0
Less Excess of Expenditure over Income for Year ... ..					
		14,466	12 4	1002	16 9
				1009	18 9
				706	6 2
				4267	4 10
				3888	14 10
				25	19 0
				500	0 0
		£14,466	12 4		
		£14,471	16 3		

THE EDWARD FRANK HARRISON MEMORIAL TRUST

1305	14 11	1221	2 9	500	0 0
To Excess of Assets over Liabilities as per last Balance Sheet ... ..					
84	12 2	102	18 5	500	0 0
Less Excess of Expenditure over Income for Year ... ..					
				50	1 5
				71	1 4
				100	0 0
				£1221	2 9
				£1118	4 4

PUBLICATIONS FUND

13	2 0	6	1 0	4500	0 0
To Subscriptions received in advance					
4055	7 4	7157	1 9	2300	0 0
Less Excess of Assets over Liabilities as per last Balance Sheet ... ..					
3101	14 5	3217	18 7		
Add Excess of Income over Expenditure for Year ... ..					
				10375	0 4
				£10,381	1 4
				£1118	4 4

By Investments (value when acquired):		14,443	2 0		
£1000 London and North Eastern Railway 1 per cent 2nd Guaranteed Stock	1010	0	0		
£1034 Gt. West. Ry. 2 1/2% Debentures	1049	15	11		
£1142 16s. 6d. New South Wales 3 per cent. Stock 1935	1000	0	0		
£1122 Metropolitan Water Board 3 per cent. "B" Stock	1002	16	9		
£1483 London, Midland and Scottish Railway 4% Debenture Stock	1508	3	6		
£806 Victoria 3% Stock, 1929/49	706	6	2		
£4498 11s. 6d. 5% War Stock, 1929/47	4267	4	10		
£5164 13s. 9d. 3 1/2% Conversion Stock	4267	4	10		
(Market Value £13,271 6s. 7d.)					
Sundry Debtors	14,443	2	0		
Cash at Bank	12	8	8		
Do.	1	2	1		
Current Account					
Deposit Account					
				£14,466	12 4

By Investments (value when acquired):		1050	1 5		
£500 National War Bonds 5 per cent. 1928	500	0	0		
£500 National War Bonds 5 per cent. 1929	500	0	0		
£61 15s. 8d. 3 1/2% Conversion Stock	50	1	5		
(Market Value £1105 1s. 5d.)				1050	1 5
Cash at Bank	28	2	11		
Do.	40	0	0		
Current Account					
Deposit Account					
				£1118	4 4

By Investments (value when acquired):		10,130	12 6		
£5933 10s. 2d. 3 1/2% Conversion Stock	4500	0	0		
£3079 3s. 9d. 5% War Loan 1929/47	3100	0	0		
£710 P. & O. Steam Navigation Co. Deferred Stock	1846	0	0		
186 Ordinary Shares (£1) Lunçia (Sylhet) Tea Co.	290	12	6		
124 Ordinary Shares (£1) Nedseem Tea Co.	403	0	0		
(Market Value £10,205 9s. 6d.)				10,130	12 6
Paid up on £107 P. & O Steam Navigation Deferred Stock	64	4	0		
Sundry Debtors	18	9	0		
Cash at Bank	158	15	10		
				£10,381	1 4



## SPECIAL PUBLICATIONS FUND

1926		1927		1926		1927	
£	s. d.	£	s. d.	£	s. d.	£	s. d.
<i>Liabilities.</i>							
—	—	23	0 0	1600	0 0	—	—
1723	15 4	—	3 0	—	—	—	—
19	8 1	—	—	43	12 6	—	—
To Amounts prepaid for 1928 ... ..							
" Sundry Creditors ... ..							
" Excess of Assets over Liabilities as per last Balance Sheet ... ..							
Less Excess of Expenditure over Income to 31st December, 1926 ... ..							
Add Excess of Income over Expenditure to 31st December, 1927 ... ..							
—	—	1704	7 3	1848	14 7	—	—
£1704	7 3	£1874	17 7	£1704	7 3	£1874	17 7
<i>Assets.</i>							
By Investment:—							
£2115 8s. 10d. 3½% Conversion Stock ... ..							
Sundry Debtors ... ..							
Cash at Bank ... ..							
Do. ... ..							
Current Account ... ..							
Deposit Account ... ..							
1600 0 0							
63 7 0							
61 10 7							
150 0 0							
211 10 7							
£1874 17 7							

## STAFF PENSIONS FUND

—	—	—	—	375	0 0	—	—
15	15 0	—	—	2	15 11	—	—
362	0 11	—	—	—	—	—	—
To Excess of Income over Expenditure ... ..							
" Excess of Assets over Liabilities as per last Balance Sheet ... ..							
Add Excess of Income over Expenditure for year ... ..							
—	—	401	12 9	—	—	—	—
£377	15 11	£401	12 9	£377	15 11	£401	12 9
By Investment £371 17s. 1½. War Stock 5% 1929/47 (Market Value £376 10s. 1½.) ... ..							
" Cash at Bank ... ..							
375 0 0							
26 12 9							
£401 12 9							

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

Approved { G. W. MONIER-WILLIAMS,  
A. E. DUNSTAN,  
OSCAR L. BRADY.

23, QUEEN VICTORIA STREET, E. C. 4.  
February 10th, 1928.