

BRITISH PHARMACEUTICAL CONFERENCE

NINETY-FIFTH ANNUAL MEETING, LLANDUDNO, 1958

REPORT OF PROCEEDINGS

OFFICERS:

President:

D. W. HUDSON, M.P.S.

Chairman:

G. E. FOSTER, B.Sc., Ph.D., F.R.I.C., Dartford

Vice-Chairmen:

R. R. BENNETT, B.Sc., F.P.S., F.R.I.C., Eastbourne.
HAROLD DEANE, B.Sc., F.P.S., F.R.I.C., Sudbury.
H. HUMPHREYS JONES, F.P.S., F.R.I.C., Liverpool.
T. E. WALLIS, D.Sc., F.P.S., F.R.I.C., F.L.S., London.
H. BRINDLE, M.Sc., F.P.S., F.R.I.C., Manchester.
B. A. BULL, F.P.S., A.R.I.C., Nottingham.
NORMAN EVERS, Ph.D., F.R.I.C., Ware.
A. D. POWELL, M.P.S., F.R.I.C., Nottingham.
H. BERRY, B.Sc., Dip.Bact. (London), F.P.S., F.R.I.C., Eastbourne.
H. B. MACKIE, B.Pharm., F.P.S., Brighton.
G. R. BOYES, L.M.S.S.A., B.Sc., F.P.S., F.R.I.C., London.
H. DAVIS, C.B.E., B.Sc., Ph.D., F.P.S., F.R.I.C., London.
J. P. TODD., Ph.D., F.P.S., F.R.I.C., Glasgow.
K. BULLOCK, M.Sc., Ph.D., F.P.S., F.R.I.C., Manchester.
FRANK HARTLEY, B.Sc., Ph.D., F.P.S., F.R.I.C., London.

Honorary Treasurer:

H. TREVES BROWN, B.Sc., F.P.S., London.

Honorary General Secretaries:

H. G. ROLFE, B.Sc., F.P.S., F.R.I.C., London.
E. F. HERSANT, B.Pharm., Ph.D., F.P.S., F.R.I.C., London.

Other Members of the Executive Committee:

The CHAIRMAN of the Executive of the Scottish Department of the Pharmaceutical Society of Great Britain (*ex officio*).
The PRESIDENT of the Pharmaceutical Society of Ireland (*ex officio*).
The PRESIDENT of the Pharmaceutical Society of Northern Ireland (*ex officio*).
The EDITOR of the *Journal of Pharmacy and Pharmacology* (*ex officio*).
The CHAIRMAN and Honorary Secretary of the Local Committee (*ex officio*).

D. C. ADAMSON, F.R.I.C., Greenford.
*E. A. BROCKLEHURST, M.P.S., J.P.,
Hull.
A. W. BULL, B.Sc., B.Pharm., F.P.S.,
F.R.I.C., Nottingham.
K. R. CAPPER, B.Pharm., Ph.D.,
F.P.S., D.I.C., London.

J. W. FAIRBAIRN, B.Sc., Ph.D., F.P.S.,
F.R.I.C., F.L.S., London.
W. H. LINNELL, D.Sc., Ph.D., F.P.S.,
F.R.I.C., London.
*G. H. HUGHES, M.P.S., Colwyn Bay.
J. B. LLOYD, M.P.S., Manchester.
*H. STEINMAN, M.P.S., Manchester.

* Members nominated by the Council of the Pharmaceutical Society of Great Britain.

REPORT OF PROCEEDINGS
PROCEEDINGS OF CONFERENCE

LLANDUDNO, 1958

THE OPENING SESSION

The opening session of the Conference was held in the Pier Pavilion in Llandudno, on Monday, September 15, with Mr. D. W. Hudson, President of the Conference (President of the Pharmaceutical Society) in the Chair. On the platform were the Chairman of the Conference (Dr. G. E. Foster), the Chairman of Llandudno Urban District Council (Councillor H. Neville, Chairman of the Local Committee), the Vice-Chairman and Secretary of the Local Committee (Mr. E. Fearnhead and Mr. M. H. Thomas), the Honorary General Secretaries together with members of the Conference Executive Committee.

The President introduced the Chairman of Llandudno U.D. Council, who welcomed the Conference to Llandudno. The President thanked Councillor Neville on behalf of the Conference for his welcome.

The President then handed over the further conduct of the Conference to the Chairman (Dr. G. E. Foster), who delivered his address entitled "Modern Analytical Chemistry in the Service of Pharmacy and Medicine," which is printed in full in the *Journal of Pharmacy and Pharmacology*, 1958, 10, Supplement, pages 9 T-23 T.

On the proposition of Mr. S. G. E. Stevens, seconded by Mr. H. G. Moss, the Conference accorded a hearty vote of thanks to the Chairman for his address.

CIVIC RECEPTION

On the evening of Monday, September 15, a Civic Reception was given at the Winter Gardens. The guests were received by the Chairman of Llandudno U.D. Council and Mrs. Neville. A dance was held after the reception.

THE SCIENCE SESSIONS

Meetings were held on Monday, Tuesday, Wednesday and Friday, September 15, 16, 17, 19 at the Town Hall or the Imperial or Grand Hotels, the Chairman presiding. During the sessions the following 28 papers were communicated:—

1. The Basis for "Sufficient of a Suitable Bacteriostatic" in Injections. By G. Sykes, M.Sc., F.R.I.C.
2. The Factors Influencing Sterilisation by Low Pressure Steam. Part I. Design and Instrumentation. Part II. The Influence of Water Content of Cotton Gowns on Equilibrium Times. By T. E. Barson, F. Peacock, E. L. Robins, B.Pharm., A.R.I.C. and G. R. Wilkinson, F.P.S.
3. The Colorimetric Determination of Morphine in Galenical Preparations. By C. A. Johnson, B.Pharm., B.Sc., F.P.S., A.R.I.C. and Cecilia J. Lloyd, B.Sc.
4. Some Observations Concerning the Chemical Reactions Occurring Between Formaldehyde and Peptone. By K. Bullock, M.Sc., Ph.D., F.P.S., F.R.I.C. and V. Subba Rao, D.Sc. (Andhra), Ph.D. (Manchester), A.R.I.C.
5. The Effects of Added Peptone on the Bactericidal Action of Solutions of Formaldehyde. By K. Bullock, M.Sc., Ph.D., F.P.S., F.R.I.C. and V. Subba Rao, D.Sc. (Andhra), Ph.D. (Manchester), A.R.I.C.
6. The Stability of Solutions of 5-Hydroxytryptophan. By J. W. Hadgraft, F.P.S., F.R.I.C., Shirley A. P. Price, B.Pharm., M.P.S. and G. B. West, B.Pharm., D.Sc., Ph.D., F.P.S.
7. Studies on 5-Hydroxytryptamine and 5-Hydroxytryptophan. By G. B. West, B.Pharm., D.Sc., Ph.D., F.P.S.
8. The Precisions of Some Procedures in Pharmaceutical Analysis. Part I. The Use of a Pipette and a Burette. By A. R. Rogers, B.Pharm., B.Sc., F.P.S., A.R.I.C.
9. Neuromuscular Blocking Agents. Part II. The Preparation and Properties of a Series of *NSN*- and *NNN*-Trisethonium Compounds. By D. Edwards, B.Sc., F.P.S., A.R.I.C., J. J. Lewis, M.Sc., F.P.S., J. B. Stenlake, B.Sc., Ph.D., F.P.S., A.R.I.C. and M. S. Zoha, M.B., B.S.
10. Neuromuscular Blocking Agents. Part III. Some Linear *NNNN*-Tetraethonium Compounds. By D. Edwards, B.Sc., F.P.S., A.R.I.C., J. J. Lewis, M.Sc., F.P.S., J. B. Stenlake, B.Sc., Ph.D., F.P.S., A.R.I.C. and M. S. Zoha, M.B., B.S.

REPORT OF PROCEEDINGS

11. Some Aspects of the Property of Angle of Repose of Powders. By D. Train, M.C., B.Pharm., B.Sc. (Eng.), Ph.D., A.C.G.I., D.I.C., F.P.S., F.R.I.C., A.M.I.Chem.E.
12. The Flow Properties of Powders under Humid Conditions. By D. J. Craik, B.Sc. and B. F. Miller.
13. Observations on Increased Disintegration Times of Tablets on Storage. By R. A. Ramsay, F.P.S.
14. The Preparation and the Antibacterial and Antifungal Properties of Some Substituted Benzyl Alcohols. By D. V. Carter, B.Sc., P. T. Charlton, B.Sc., Ph.D., F.R.I.C., A. H. Fenton, B.Pharm., M.P.S., A.R.I.C., J. R. Housley, B.Sc., Ph.D. and B. Lessel, B.Pharm., Ph.D.
15. The Interaction of Chelating Agents with Bacteria. Part I. 8-Hydroxyquinoline (Oxine) and *Staphylococcus aureus*. By A. H. Beckett, B.Sc., Ph.D., F.P.S., F.R.I.C., A. H. Vohora, B.Sc., Ph.D. and Ann E. Robinson, B.Pharm., Ph.D.
16. The Determination of Phenolic Compounds in Pharmaceutical Preparations Using 4-Aminophenazone. By C. A. Johnson, B.Pharm., B.Sc., F.P.S., A.R.I.C. and R. A. Savidge, A.R.I.C.
17. Viscosity Studies with Phosphatide Sols. By I. L. Thomas, B.Pharm. and L. Saunders, D.Sc., Ph.D., F.R.I.C.
18. Vegetable Purgatives Containing Anthracene Derivatives. Part X. A New Active Glycoside of Senna. By J. W. Fairbairn, B.Sc., Ph.D., F.P.S., F.R.I.C., F.L.S., C. A. Friedmann, M.Sc., D.Phil., F.R.I.C. and H. A. Ryan, B.Sc., F.R.I.C.
19. Anatomical Studies in the Genus *Digitalis*. Part I. The Anatomy of the Inflorescence of *D. purpurea* L. By P. S. Cowley, B.Pharm., M.P.S. and J. M. Rowson, M.Sc., Ph.D., F.P.S., F.L.S.
20. Factors Influencing Percutaneous Absorption. By D. H. O. Gemmell, B.L., F.P.S. and J. C. Morrison, B.Sc.
21. The Actions of *Digitalis* Leaf Preparations and of Cardiac Glycosides on the Isolated Right Ventricle of the Guinea Pig. By G. A. Stewart, B.Sc., A.R.I.C.
22. Vegetable Purgatives Containing Anthracene Derivatives. Part IX. An Aloin-like Substance in *Rhamnus purshiana* D.C. By J. W. Fairbairn, B.Sc., Ph.D., F.P.S., F.R.I.C., F.L.S. and V. K. Mital, B.Pharm., Ph.D. (Zurich).
23. The Isolation and Comparison of Pyrogenic Factors from *Proteus vulgaris*. By J. P. Todd, Ph.D., F.P.S., F.R.I.C., J. A. M. Shaw, B.Sc. (Pharm.), M.Sc., M.P.S., A.R.I.C., J. A. Blain, B.Sc., Ph.D., A.R.I.C. and W. Boyle, B.Sc.
24. The Surface Activities of α - and β -(Acyl) Lysolecithins. By N. Robinson, M.Sc., A.R.I.C. and L. Saunders, D.Sc., Ph.D., F.R.I.C.
25. A Note on the Pharmacology of Rescinnamine and Serpentine. By M. S. Zoha, M.B., B.S., S. M. Kirpekar, M.Sc.Tech. (Bombay) and J. J. Lewis, M.Sc., F.P.S.
26. A Comparative Study of the Hydrolytic and Non-hydrolytic Methods for the Assay of Solanaceous Drugs. By R. E. A. Drey, B.Sc., A.R.I.C.
27. Identification of Seeds from Various Species of *Strophanthus*. By W. G. Thomas, M.Sc., F.P.S. and C. Melville, B.Pharm., Ph.D., F.P.S.
28. The Functional Groupings of Cucurbitacin E (α -Elaterin). By J. N. T. Gilbert, B.Pharm., F.P.S. and D. W. Mathieson, B.Sc., Ph.D.

The papers are printed in full with reports of discussions in the *Journal of Pharmacy and Pharmacology*, 1958, 10, Supplement, pages 40 T-256 T.

THE SYMPOSIUM SESSION

A symposium on "The Evaluation of New Drugs" was held on Thursday, September 18. The CHAIRMAN presided. The introductory paper was presented by Drs. L. G. Goodwin and F. L. Rose. The meeting is reported in the *Journal of Pharmacy and Pharmacology*, 1958, 10, Supplement, pages 24 T-39 T.

PROFESSIONAL SESSIONS

With the President of the Conference, Mr. D. W. Hudson, in the chair, professional sessions were held on the mornings of Tuesday, September 16, when Dr. J. C.

REPORT OF PROCEEDINGS

Parkinson and Mr. G. T. Espley read introductory papers to the subject "The Pharmacist's Responsibilities to his Postgraduate Student," and Friday, September 19, when Messrs. A. R. G. Chamings and G. T. M. David read introductory papers to the subject "The Presentation of Dispensed Medicines." Full reports of the papers and discussions were published in *The Pharmaceutical Journal*, 1958, **181**, 206-210, 221-224, 254-258, 273-274.

THE CLOSING SESSION

The closing session of the Conference was held on Friday, September 19, in the Pier Pavilion, Llandudno, the Chairman presiding.

VOTE OF THANKS TO THE LOCAL COMMITTEE

The Chairman called on Mr. H. P. Corrigan to propose a vote of thanks to the Local Committee. This was seconded by Mr. J. J. Lewis. The Chairman then presented to the Angelsey, North Caernarvonshire and Colwyn Bay Branch an encribed gavel provided from the Bell and Hills Fund. Mr. H. Neville (Chairman of the Local Committee) replied to the vote of thanks and acknowledged the gift.

ANNUAL REPORT

Mr. H. G. ROLFE presented the following Annual Report of the Executive Committee.

Your Executive have pleasure in presenting the ninety-fifth Annual Report.

MEMBERSHIP.—In addition to Members, Honorary Members and Students of the Pharmaceutical Society, together with the Members of the Pharmaceutical Society of Northern Ireland, the Conference includes 74 members elected by the Executive who are not members of these Societies.

CONFERENCE RESEARCH PAPERS.—The Executive decided this year, as an experiment, to invite authors to submit either the usual full paper or a short communication. Thirty-four papers were submitted; nineteen full papers and nine short communications were accepted for presentation to the Conference. The Executive thank the authors for their contributions.

BRISTOL MEETING, 1957.—The report of the meeting of the Conference at Bristol was published in the ninth volume of the *Journal of Pharmacy and Pharmacology*. The papers and discussions at the Professional Sessions were published in the *Pharmaceutical Journal*, Series IV. Volume 125.

JOURNAL OF PHARMACY AND PHARMACOLOGY.—The Executive has been represented on the Editorial Board by the Chairman (Dr. G. E. Foster), Professor K. Bullock and the Senior Honorary General Secretary.

FUTURE MEETINGS.—An invitation will be presented at this meeting for the Conference to meet in Bournemouth during the week commencing September 21, 1959.

Several Branches of the Society have made preliminary enquiries regarding the possibility of entertaining the Conference in future years and the Executive are grateful for all these offers of hospitality.

OFFICERS AND EXECUTIVE OF THE CONFERENCE.—Your Executive has nominated the following Officers for 1958-1959:—

Chairman: H. Treves Brown, *Vice-Chairmen:* R. R. Bennett, H. Deane, H. Humphreys Jones, T. E. Wallis, H. Brindle, B. A. Bull, Norman Evers, A. D. Powell, H. Berry, H. B. Mackie, G. R. Boyes, H. Davis, J. P. Todd, K. Bullock, F. Hartley and G. E. Foster. *Honorary Treasurer:* H. G. Rolfe. *Honorary General Secretaries:* E. F. Hersant and D. Train.

Other members of the Executive:—

As more than six persons were nominated for membership of the Executive, an election was held during this meeting of the Conference. The result is that the following will be the elected members of the Executive for 1958-1959—D. C. M. Adamson, A. W. Bull, J. G. Dare, W. H. Linnell, J. B. Lloyd, J. B. Stenlake.

The above persons, together with the President of the Conference (the President of the Pharmaceutical Society of Great Britain *ex officio*), the three persons nominated by the Council of the Pharmaceutical Society of Great Britain, namely the persons for the time being holding the office of Vice-President, immediate past President and Chairman of the Organisation Committee,

REPORT OF PROCEEDINGS

together with the following *ex officio*: The Chairman of the Executive of the Scottish Department, the President of the Pharmaceutical Society of Ireland, the President of the Pharmaceutical Society of Northern Ireland, the Editor of the *Journal of Pharmacy and Pharmacology*, the Chairman of the Local Committee and the Honorary Local Secretary, will form the Executive for 1958-1959.

Mr. W. J. TRISTRAM proposed the acceptance of the report and the election of officers of the Conference for the ensuing year. Dr. H. S. Bean seconded.

Mr. H. TREVES BROWN thanked the Conference on behalf of the newly-elected officers.

TREASURER'S REPORT

Mr. H. TREVES BROWN presented and proposed the adoption of the following Report and Statement of Accounts for the year 1958:—

In presenting the accounts for the year ended December 31, 1957, there is one item of special importance to which I must call attention, namely the question of income tax on our investment income.

It has been assumed in the past that the Conference was not liable to income tax but unfortunately this assumption was incorrect and agreement was reached with the Inspector of Taxes that the arrears of tax due up to the end of the year 1956 amounted to £69 15s. 6d.

The Income and Expenditure Account now shows all interest gross and, as an item of expenditure, the income tax for the current year. For 1957 the total tax payable amounted to £24 6s. 6d., and of this sum £17 2s. was deducted at source, leaving a balance due to the Inland Revenue of £7 4s. 6d. Since neither this sum nor the arrears, together amounting to £77, had been paid before the end of the year, they are shown in the Balance Sheet as a liability. The Balance Sheet also shows the deduction from the Accumulated Fund as at December 31, 1956, as it appeared in last year's Balance Sheet, to take account of the tax liability. It also includes the Local Committee Fund, consisting of a donation of £250 from the London Committee 1953 held by the Executive to assist a Branch if necessary in the initial stages of preparation for a Conference. A loan of £250 was made to the Llandudno Local Committee in November, 1957, in respect of the 1958 Conference. The subscriptions from elected members including a composition fee from the Pharmaceutical Society of Northern Ireland amounted to £138 15s. and were credited to the account of the *Journal of Pharmacy and Pharmacology*.

H. TREVES BROWN,
Honorary Treasurer.

BRITISH PHARMACEUTICAL CONFERENCE ACCOUNT

INCOME AND EXPENDITURE ACCOUNT, 1957

<i>Expenditure</i>	£ s. d.	<i>Income</i>	£ s. d.
Minute Book—memento to Bristol and District Branch	12 17 0	Interest on 2½% Consols	40 5 0
Replica of Chairman's Badge and engraving	7 7 0	Interest on 3% Savings Bonds	6 0 0
Income Tax for the year	24 6 6	Interest on P.O. Savings Bank Account	11 1 4
Surplus carried to Balance Sheet	62 15 10	Donation from Pharmaceutical Society of Northern Ireland	25 0 0
		Donation from Pharmaceutical Society of Ireland	25 0 0
	£107 6 4		£107 6 4

BALANCE SHEET AT DECEMBER 31, 1957

<i>Liabilities</i>	£ s. d.	<i>Assets</i>	£ s. d.
Accumulated Fund, as at 31.12.56	1,926 15 10	Investments at cost (a) £1,610 2½% Consols (Donation by the late Alderman Clayton of Birmingham) (Market value at 31st December, 1957: £749)	1,250 0 0
Less: Arrears of Income Tax	69 15 6	(b) £200 3% Savings Bonds 1960-70 (Market value at 31st December, 1957: £151)	200 0 0
	1,857 0 4	Stock of Replicas (3) of Chairman's Badge	20 12 6
Add: Surplus 1957	62 15 10	Loan to Llandudno Local Committee	250 0 0
	1,919 16 2	Post Office Savings Bank Account	426 14 10
Income Tax Due	77 0 0	Cash at Westminster Bank	63 8 10
Local Committee Fund:—			
Donation from London Committee, 1953	250 0 0		
	£2,246 16 2		£2,246 16 2

Audited and found correct
J. C. HANBURY
T. HESELTINE

July 28, 1958

The President seconded, and the Report was adopted.

REPORT OF PROCEEDINGS

BRITISH PHARMACEUTICAL CONFERENCE

INAUGURAL MEETING HELD AT NEWCASTLE-ON-TYNE IN 1863

<i>Years</i>	<i>Places of Meeting</i>	<i>Presidents</i>	<i>Local Secretaries</i>
1864	BATH ..	HENRY DEANE, F.L.S.	J. C. POOLEY.
1865	BIRMINGHAM ..	HENRY DEANE, F.L.S.	W. SOUTHALL, JUN.
1866	NOTTINGHAM ..	PROF. BENTLEY, F.L.S.	J. H. ATHERTON, F.C.S.
1867	DUNDEE ..	PROF. BENTLEY, F.L.S.	J. HODGE.
1868	NORWICH ..	DANIEL HANBURY, F.R.S.	F. SUTTON, F.C.S.
1869	EXETER ..	DANIEL HANBURY, F.R.S.	M. HUSBAND.
1870	LIVERPOOL ..	W. W. STODDART, F.C.S.	E. DAVIES, F.C.S.
1871	EDINBURGH ..	W. W. STODDART, F.C.S.	J. DUTTON (Birkenhead).
1872	BRIGHTON ..	H. B. BRADY, F.R.S.	J. MACKAY, F.C.S.
1873	BRADFORD ..	H. B. BRADY, F.R.S.	T. GLAISYER.
1874	LONDON ..	THOS. B. GROVES, F.C.S.	R. PARKINSON, Ph.D.
1875	BRISTOL ..	THOS. B. GROVES, F.C.S.	M. CARTEIGHE, F.C.S.
1876	GLASGOW ..	PROF. REDWOOD, F.C.S.	J. PITMAN.
1877	PLYMOUTH ..	PROF. REDWOOD, F.C.S.	A. KINNINGMONT
1878	DUBLIN ..	G. F. SCHACHT, F.C.S.	R. J. CLARK.
1879	SHEFFIELD ..	G. F. SCHACHT, F.C.S.	W. HAYES.
1880	SWANSEA ..	W. SOUTHALL, F.L.S.	H. MALEHAM.
1881	YORK ..	R. REYNOLDS, F.C.S.	J. HUGHES.
1882	SOUTHAMPTON	PROF. ATTFIELD, F.R.S.	J. OWRAY.
1883	SOUTHPORT ..	PROF. ATTFIELD, F.R.S.	O. R. DAWSON.
1884	HASTINGS ..	J. WILLIAMS, F.C.S.	WM. ASHTON.
1885	ABERDEEN ..	J. B. STEPHENSON.	F. ROSSITER.
1886	BIRMINGHAM ..	T. GREENISH, F.C.S.	A. STRACHAN.
1887	MANCHESTER ..	S. R. ATKINS, J.P.	CHAS. THOMPSON.
1888	BATH ..	F. B. BENDER, F.C.S.	F. B. BENDER, F.C.S.
1889	NEWCASTLE-ON-TYNE	C. UMNEY, F.I.C., F.C.S.	H. HUTTON.
1890	LEEDS ..	C. UMNEY, F.I.C., F.C.S.	T. M. CLAGUE.
1891	CARDIFF ..	W. MARTINDALE, F.C.S.	F. W. BRANSON, F.C.S.
1892	EDINBURGH ..	E. C. C. STANFORD, F.C.S.	ALFRED COLEMAN.
1893	NOTTINGHAM ..	OCTAVIUS CORDER	PETER BOA.
1894	OXFORD ..	N. H. MARTIN, F.L.S., F.R.M.S.	C. A. BOLTON.
1895	BOURNEMOUTH	N. H. MARTIN, F.L.S., F.R.M.S.	H. MATTHEWS.
1896	LIVERPOOL ..	W. MARTINDALE, F.C.S.	STEWART HARDWICK.
1897	GLASGOW ..	DR. C. SYMES.	T. H. WARDLEWORTH.
1898	BELFAST ..	DR. C. SYMES.	H. O. DUTTON (Birkenhead).
1899	PLYMOUTH ..	J. C. C. PAYNE, J.P.	J. A. RUSSELL.
1900	LONDON ..	E. M. HOLMES, F.L.S.	R. W. MCKNIGHT.
1901	DUBLIN ..	G. C. DRUCE, M.A., F.L.S.	W. J. RANKIN.
1902	DUNDEE ..	G. C. DRUCE, M.A., F.L.S.	J. DAVY TURNERY.
1903	BRISTOL ..	T. H. W. IDRIS, M.P., F.C.S.	W. WARREN.
1904	SHEFFIELD ..	T. H. W. IDRIS, M.P., F.C.S.	HERBERT CRACKNELL.
1905	BRIGHTON ..	W. A. H. NAYLOR, F.I.C., F.C.S.	J. I. BERNARD.
1906	BIRMINGHAM ..	W. A. H. NAYLOR, F.I.C., F.C.S.	W. CUMMINGS.
1907	MANCHESTER ..	THOS. TYRER, F.I.C., F.C.S.	H. E. BOORNE.
1908	ABERDEEN ..	ROBT. WRIGHT, F.C.S.	H. ANTCLIFFE.
1909	NEWCASTLE-ON-TYNE	J. G. TOCHER, B.Sc., F.R.I.C.	W. W. SAVAGE.
1910	CAMBRIDGE ..	FRANCIS RANSOM, F.C.S.	C. G. YATES.
1911	PORTSMOUTH ..	W. F. WELLS.	C. THOMPSON.
1912	EDINBURGH ..	STR EDWARD EVANS, J.P.	W. KIRBY.
1913	LONDON ..	JOHN C. UMNEY, F.C.S.	W. F. HAY.
1914	CHESTER ..	E. H. FARR, F.C.S.	T. M. CLAGUE.
1915	LONDON ..	E. SAVILLE PECK, M.A.	H. W. NOBLE.
1916	LONDON ..	DAVID HOOPER, LL.D., F.R.I.C.	A. A. DECK.
1917	LONDON ..	CHAS. ALEX. HILL, B.Sc., F.R.I.C.	T. J. MALLET.
1918	LONDON ..	CHAS. ALEX. HILL, B.Sc., F.R.I.C.	T. O. BARLOW.
1919	LONDON ..	W. KIRBY, M.Sc., F.C.S.	T. POSTLETHWAIT.
1920	LIVERPOOL ..	CHAS. ALEX. HILL, B.Sc., F.R.I.C.	THOS. STEPHENSON.
1921	SCARBOROUGH	E. SAVILLE PECK, M.A.	W. J. UGLOW WOOLCOCK.
1922	NOTTINGHAM ..	PROF. H. G. GREENISH, Des. Sc., F.I.C.	R. CECIL OWEN, B.Sc.
1923	LONDON ..	F. W. GAMBLE.	H. HUMPHREYS JONES,
1924	BATH ..	EDMUND WHITE, B.Sc., F.I.C.	F.R.I.C.
1925	GLASGOW ..	EDMUND WHITE, B.Sc., F.I.C.	E. R. CROSS.
1926	LEICESTER ..	D. LLOYD HOWARD, J.P.	E. C. CARR.
1927	BRIGHTON ..	D. LLOYD HOWARD, J.P.	
1928	CHELtenham ..	R. R. BENNETT, B.Sc., F.R.I.C.	
1929	DUBLIN ..	R. R. BENNETT, B.Sc., F.R.I.C.	

REPORT OF PROCEEDINGS

Years	Places of Meeting	Chairmen	Local Secretaries
1930	CARDIFF ..	J. T. HUMPHREY.	J. MURRAY.
1931	MANCHESTER ..	J. H. FRANKLIN.	R. G. EDWARDS.
1932	ABERDEEN ..	H. SKINNER.	H. M. DUGAN.
1933	LONDON ..	C. H. HAMPSHIRE, M.B., B.Sc., F.R.I.C.	H. N. LINSTEAD.
1934	LEEDS ..	C. H. HAMPSHIRE, M.B., B.Sc., F.R.I.C.	G. C. CRUMMACK.
1935	BELFAST ..	F. W. CROSSLEY-HOLLAND, L.M.S.S.A.	J. F. SIMON.
1936	BOURNEMOUTH ..	HAROLD DEANE, B.Sc., F.R.I.C.	D. L. KIRKPATRICK.
1937	LIVERPOOL ..	T. EDWARD LESCHER, O.B.E.	V. J. SCAMPTON.
1938	EDINBURGH ..	J. RUTHERFORD HILL, O.B.E.	W. E. HUMPHREYS.
1939	BIRMINGHAM ..	J. RUTHERFORD HILL, O.B.E.	C. G. DRUMMOND.
1940	LONDON ..	H. HUMPHREYS JONES, F.R.I.C.	D. J. RUSHTON.
1941	LONDON ..	A. R. MELHUISE.	_____
1942	LONDON ..	T. E. WALLIS, D.Sc., F.R.I.C., F.L.S.	_____
1943	LONDON ..	T. E. WALLIS, D.Sc., F.R.I.C., F.L.S.	_____
1944	LONDON ..	H. BRINDLE, B.Sc., F.R.I.C.	_____
1945	LONDON ..	H. BRINDLE, B.Sc., F.R.I.C.	_____
1946	LONDON ..	B. A. BULL, A.R.I.C.	_____
1947	TORQUAY ..	B. A. BULL, A.R.I.C.	T. D. EVANS.
1948	BRIGHTON ..	NORMAN EVERS, Ph.D., F.R.I.C.	A. WILSON.
1949	BLACKPOOL ..	NORMAN EVERS, Ph.D., F.R.I.C.	P. VARLEY.
			T. A. DURKIN.
1950	GLASGOW ..	A. D. POWELL, F.R.I.C.	A. OFFICER.
1951	HARROGATE ..	H. BERRY, B.Sc., Dip. Bact. (London), F.R.I.C.	R. W. JACKSON.
1952	NOTTINGHAM ..	H. B. MACKIE, B.Pharm.	W. E. NEWBOLD.
			Miss G. M. WATSON.
1953	LONDON ..	G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.	J. M. ROWSON.
1954	OXFORD ..	H. DAVIS, C.B.E., B.Sc., Ph.D., F.R.I.C.	T. R. HARDY.
1955	ABERDEEN ..	J. P. TODD, Ph.D., F.R.I.C.	G. L. DICKIE.
1956	DUBLIN ..	K. BULLOCK, M.Sc., Ph.D., F.R.I.C.	D. J. KENNELLY.
1957	BRISTOL ..	F. HARTLEY, B.Sc., Ph.D., F.R.I.C.	E. GEORGE.
1958	LLANDUDNO ..	G. E. FOSTER, B.Sc., Ph.D., F.R.I.C.	M. H. THOMAS.

Honorary Treasurers (One)

1863 to 1870, H. B. BRADY, F.R.S.	1927 to 1934, F. W. CROSSLEY-HOLLAND, L.M.S.S.A.
1870 to 1877, GEORGE F. SCHACHT, F.C.S.	1934 to 1936, T. E. LESCHER, O.B.E.
1877 to 1884, C. EKIN, F.C.S.	1936 to 1940, A. R. MELHUISE.
1884 to 1888, C. UMNEY, F.I.C., F.C.S.	1940 to 1947, T. MARNS.
1888 to 1890, W. MARTINDALE, F.C.S.	1947 to 1952, G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.
1890 to 1893, R. H. DAVIES, F.I.C., F.C.S.	1952 to 1953, H. DAVIS, C.B.E., B.Sc., Ph.D., F.R.I.C.
1893 to 1898, JOHN MOSS, F.I.C., F.C.S.	1953 to 1958, H. TREVES BROWN, B.Sc.
1898 to 1912, JOHN C. UMNEY, F.C.S.	1958 to H. G. ROLFE, B.Sc., F.R.I.C.
1912 to 1925, D. LLOYD HOWARD, J.P., F.C.S.	
1925 to 1927, R. R. BENNETT, B.Sc., F.R.I.C.	

Honorary General Secretaries (Two)

1863 to 1880, Prof. ATTFIELD, Ph.D., F.R.S.	1919 to 1929, C. H. HAMPSHIRE, C.M.G., M.B., B.S., B.Sc., F.R.I.C.
1863 to 1871, RICHARD REYNOLDS, F.C.S.	1923 to 1927, F. W. CROSSLEY-HOLLAND, L.M.S.S.A.
1871 to 1884, F. BENDER, F.C.S.	1927 to 1944, C. E. CORFIELD, B.Sc., F.R.I.C.
1880 to 1882, M. CARTEIGIE, F.C.S.	1929 to 1947, G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.
1881 to 1886, SIDNEY PLOWMAN, F.R.C.S.	1944 to 1953, H. TREVES BROWN, B.Sc.
1884 to 1890, JOHN C. THRESH, M.B., D.Sc.	1947 to 1958, H. G. ROLFE, B.Sc., F.R.I.C.
1886 to 1901, W. A. H. NAYLOR, F.I.C., F.C.S.	1953 to E. F. HERSANT, B.Pharm., Ph.D., F.R.I.C.
1890 to 1903, F. RANSOM, F.C.S.	1958 to D. TRAIN, M.C., B.Pharm., B.Sc., Ph.D., F.R.I.C., A.M.I.Chem.E.
1903 to 1909, EDMUND WHITE, B.Sc., F.I.C.	
1901 to 1921, E. SAVILLE PECK, M.A.	
1909 to 1919, HORACE FINNEMORE, B.Sc., F.R.I.C.	
1912 to 1923, R. R. BENNETT, B.Sc., F.R.I.C.	

Closing Session (continued).

PLACE OF MEETING FOR 1959

Mr. H. RIDEHALGH on behalf of Bournemouth and District Branch, extended an invitation to hold the Conference in Bournemouth in 1959.

Mr. H. NOBLE proposed that the invitation be accepted, and Miss J. ALLEN seconded. The vote was put to the meeting and unanimously carried.

VOTE OF THANKS TO CHAIRMAN

Mr. C. W. RIDOUT proposed a vote of thanks to the Chairman.

Mr. W. TALVAN REES seconded. The vote was put to the meeting by the President and carried with acclamation.

Dr. FOSTER briefly responded.

REPORT OF PROCEEDINGS
BRITISH PHARMACEUTICAL CONFERENCE

CONSTITUTION AND RULES

1. The British Pharmaceutical Conference shall meet annually for the discussion of subjects relative to the science of pharmacy, for the promotion of friendly reunion amongst pharmacists and those interested in pharmacy, and generally for the furtherance of the objects sought to be obtained under the Royal Charter of Incorporation granted to the Pharmaceutical Society of Great Britain and the several Pharmacy Acts.

2. The Conference shall consist of:—

- (a) members, honorary members and student-associates of the Pharmaceutical Society of Great Britain;
- (b) members of the other Pharmaceutical Societies within the British Commonwealth of Nations which desire to be associated with the work of the Conference and have made an agreement with the British Pharmaceutical Conference whereby an annual subscription shall be paid by their Society in lieu of individual subscriptions from members; and
- (c) persons at home and abroad interested in the advancement of Pharmacy who, not being qualified for membership of the Pharmaceutical Society of Great Britain or one of the other Societies associated with the work of the Conference, have been nominated in writing by a member of the Conference, and elected by the Executive.

3. The Officers of the Conference, who shall collectively constitute the Executive Committee, shall be:—A Chairman, Vice-Chairmen, one Honorary Treasurer, two Honorary General Secretaries, together with three members of the Council of the Pharmaceutical Society of Great Britain, and six other members of the Conference. Of the six other members nominated annually by the outgoing Executive the two members who have had the longest period of continuous service shall be ineligible for re-nomination for one year. The President of the Pharmaceutical Society of Great Britain shall be *ex officio* a member of the Executive Committee and President of the Conference. The Chairman of the Executive of the Scottish Department of the Pharmaceutical Society of Great Britain, the President of the Pharmaceutical Society of Ireland, the President of the Pharmaceutical Society of Northern Ireland, the President of any other Pharmaceutical Society the members of which are members of the Conference, the Editor of the *Journal of Pharmacy and Pharmacology*, the Chairman of the Local Committee, and the Honorary Local Secretary shall be *ex officio* members of the Executive Committee.

4. The Officers of the Conference shall be selected at each annual meeting by those present. Nominations for membership of the Executive Committee may be made at the annual meeting by the outgoing Executive and shall include nominations which have been received by the Honorary Secretaries in writing at least twenty-eight days before the annual meeting.

5. The Chairman of the Conference shall give the inaugural address, preside over the meetings for the reading of scientific papers and take the chair at the meetings of the Executive Committee.

6. Members, honorary members and student-associates of the Pharmaceutical Society of Great Britain shall not be required to pay a separate subscription to the British Pharmaceutical Conference; they shall be entitled, on application, to receive the issues of the *Journal of Pharmacy and Pharmacology*, as published, on preferential terms.

Members of any other Pharmaceutical Society, who are members of the Conference by virtue of the arrangement between their Society and the British Pharmaceutical Conference, shall not be required to pay a separate subscription to the British Pharmaceutical Conference; they shall be entitled, on application, to receive the *Journal of Pharmacy and Pharmacology*, as published, on preferential terms.

Other members elected by the Executive shall pay a subscription of 35s. annually, which shall entitle them, on application, to receive the *Journal of Pharmacy and Pharmacology*, as published. Subscriptions shall become due on January 1, and membership shall cease if subscriptions are not paid by June 1.

BRITISH PHARMACEUTICAL CONFERENCE



G. E. FOSTER

Chairman, 1958