

REPORT OF PROCEEDINGS
PROCEEDINGS OF CONFERENCE
NEWCASTLE UPON TYNE 1960

THE OPENING SESSION

The opening session of the Conference was held in the City Hall in Newcastle upon Tyne on Monday, September 5, with Mr. T. Reid, President of the Conference (President of the Pharmaceutical Society), in the Chair. On the platform were the Chairman of the Conference (Professor W. H. Linnell), the Lord Mayor of Newcastle upon Tyne (Mrs. G. Robson), the Chairman and Secretary of the Local Committee (Mr. T. D. Clarke and Mr. A. McGuckin), the Honorary General Secretaries together with members of the Conference Executive Committee.

The President introduced the Lord Mayor of Newcastle, who welcomed the Conference to the City. The President thanked the Lord Mayor on behalf of the Conference for her welcome.

The President then handed over further conduct of the Conference to the Chairman (Professor W. H. Linnell), who delivered his address entitled "Education and Research," which is printed in the *Pharmaceutical Journal*, 1960, **185**, pages 227-228.

On the proposition of Dr. A. H. Beckett, seconded by Mr. A. R. G. Chamings, the Conference accorded a vote of thanks to the Chairman for his address.

CIVIC RECEPTION

On the evening of Monday, September 5, a Civic Reception was given at the Old Assembly Rooms. The guests were received by the Lord Mayor and the Lady Mayoress (Mrs. E. Murray). A dance was held after the reception.

THE SCIENCE SESSIONS

Meetings were held on Monday, Tuesday, Wednesday and Friday, September 5, 6, 7, 9 at King's College, the Chairman and immediate Past Chairman presiding. During the sessions the following 33 papers were communicated:—

1. Alkaloids of *Voacanga schweinfurthii* Stapf. Part I. Voacamine and Vobtusine. By F. Fish, B.Pharm., Ph.D., F.P.S., F. Newcombe, B.Sc., A.R.C.S.T., M.P.S. and J. Poisson, Pharmacien, D. ès Sc.
2. Vegetable Purgatives Containing Anthracene Derivatives. Part XI. Further Work on the Aloin-like Substance of *Rhamnus purshiana* DC. By J. W. Fairbairn, B.Sc., Ph.D., F.P.S., F.L.S., F.R.I.C. and S. Simic, B.Pharm.
3. Anatomical Studies in the Genus *Digitalis*. Part II. The Anatomy of the Inflorescence of *D. lanata* L. By P. S. Cowley, B.Pharm., M.P.S., and J. M. Rowson, M.Sc., Ph.D., F.P.S., F.L.S.
4. Studies in the Genus *Digitalis*. Part VI. Variations in Glycosidal Content of British Clones of *Digitalis purpurea*. By J. M. Rowson, M.Sc., Ph.D., F.P.S., F.L.S.
5. Studies in the Genus *Digitalis*. Part VII. Variations in Glycosidal Content Within Clones of *Digitalis purpurea*. By J. M. Rowson, M.Sc., Ph.D., F.P.S., F.L.S.
6. The Strength of Compressed Tablets. Part I. The Measurement of Tablet Strength and its Relation to Compression Forces. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and D. Ganderton, B.Pharm.
7. The Strength of Compressed Tablets. Part II. The Bonding of Granules during Compression. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and D. Ganderton, B.Pharm.
8. The Use of Laminar Lubricants in Compaction Process. 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. and J. A. Hersey, B.Pharm., Ph.D.
9. The Emulsifying Properties of Gum Acacia. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and K. Wibberley, B.Pharm., M.P.S., A.R.I.C.
10. Rheology of Acacia-stabilised Emulsions. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and R. F. White, B.Pharm.
11. A Note on the Stability of Solutions of Phenylephrine. By G. B. West, B.Pharm., D.Sc., Ph.D., F.P.S. and T. D. Whittet, B.Sc., Ph.D., F.P.S., F.R.I.C., D.B.A.
12. Preliminary Studies of the Heat Resistance of Bacterial Spores on Paper Carriers. By A. M. Cook, B.Pharm., Ph.D., Dip.Bact., F.P.S., F.R.I.C. and M. R. W. Brown, M.Sc., M.P.S.

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13. Mould Spore Suspensions and Powders for Use in Fungicidal Kinetic Studies. Part I. Preliminary Experiments with *Rhizopus nigricans* and *Penicillium digitatum*. By M. R. W. Brown, M.Sc., M.P.S. and Kenneth Bullock, M.Sc., Ph.D., F.P.S., F.R.I.C.
14. Mould Spore Suspensions and Powders for Use in Fungicidal Kinetic Studies. Part II. Preparations using *Penicillium spinulosum*. By H. N. Gerrard, M.Sc., B.Comm., F.P.S., Ann V. Harkiss, M.Sc. and Kenneth Bullock, M.Sc., Ph.D., F.P.S., F.R.I.C.
15. The Effect of Pipetting on the Concentration of Homogeneous Spore Suspensions. By H. N. Gerrard, M.Sc., B.Comm., F.P.S. and G. S. Porter, F.P.S.
16. Neuromuscular Blocking Agents. Part VII. Linear Polyonium Ethers. By D. Edwards, B.Sc., F.P.S., F.R.I.C., J. J. Lewis, M.Sc., F.P.S., D. E. McPhail, B.Sc., M.P.S., T. C. Muir, B.Sc., M.P.S. and J. B. Stenlake, D.Sc., Ph.D., F.P.S., F.R.I.C.
17. The Effect of Thalidomide in Experimental Gastric Ulcers. By K. Martindale, M.B., Ch.B., G. F. Somers, B.Sc., Ph.D., F.P.S., M.I.Biol. and C. W. M. Wilson, B.Sc., Ph.D., M.D.
18. An Enzymatic Method for the Determination of Prednisolone Phosphate in Pharmaceutical Preparations. By P. F. G. Boon, B.Sc., A.R.I.C.
19. The Precision of Some Procedures in Pharmaceutical Analysis. Part II. Titrations. By A. R. Rogers, B.Sc., B.Pharm., F.P.S., A.R.I.C.
20. Physico-Chemical Studies of (1-Methyl-2-pyrrolidyl)methyl Benzilate Methyl Methosulphate. Part I. The Determination of (1-Methyl-2-pyrrolidyl)methyl Benzilate Methyl Methosulphate in the Presence of its Breakdown Products. By D. O. Singleton, B.Sc. and (Miss) G. M. Wells, B.Sc., A.P.I.
21. Separation and Estimation of Purine and Pyrimidine Bases from a Heated Suspension of *Micrococcus flavus*. By K. W. Gerritsma, D.Sc. and H. P. Levius, M.Sc., D.Sc., F.P.S.
22. An Investigation into the Effectiveness of Various Antioxidants on the Preservation of Fresh Groundnut Oil (Food Grade) B.P. By G. A. Birchall, M.P.S. and R. I. Felix, F.P.S., A.R.I.C.
23. An Examination of the Decomposition of Dextrose Solution during Sterilisation. By W. T. Wing, F.P.S., D.B.A.
24. A Shorter Sterilising Cycle for Solutions Heated in an Autoclave. By G. R. Wilkinson, F.P.S., F. G. Peacock, and E. L. Robins, B.Pharm., A.R.I.C.
25. Some Factors Involved in Multiple Spot Formation in the Paper Chromatography of Sympathomimetic Amines in the Presence of Acids. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C., M. A. Beaven, B.Pharm. and Ann E. Robinson, B.Pharm., Ph.D., A.R.I.C.
26. The Assay of Stilboestrol by the Isotope Dilution Technique. By R. Fleming, B.Pharm., Ph.D., A.R.I.C.
27. The Determination of *n*-Values for some Aminoacridines by Controlled Potential Coulometric Reduction. By (Miss) F. P. Wilson, M.P.S., C. G. Butler, B.Pharm., M.P.S., F.R.I.C., P. H. B. Ingle, F.P.S. and H. Taylor, B.Sc., Ph.D., F.P.S., F.R.I.C.
28. The Determination of the Relative Configuration of Morphine, Levorphanol and *Laevo*-Phenazocine by Stereoselective Adsorbents. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C. and Patricia Anderson, B.Sc. (Pharm.), F.P.S.
29. Preparation of a ³⁵S Labelled Trimeprazine Tartrate Sustained Action Product for its Evaluation in Man. By Earl Rosen, B.S. and Joseph V. Swintosky, B.S., Ph.D.
30. The Assimilation and Elimination of Iron Administered Orally to the Dog as Ferrous Isoascorbate and Ferrous Ammonium Sulphate. By H. D. C. Rapson, B.Sc., Ph.D., D.I.C., A.R.I.C., A. A. Lewis, B.Sc., M.D., M.B., B.S., M.R.C.S. (Eng.), M.R.C.P., and Jean M. Coops, B.Sc.
31. Phosphatide Membranes. By L. Saunders, D.Sc., Ph.D., F.R.I.C.
32. Detection of Lysolecithin in a Sample of Egg Lecithin. By L. Saunders, D.Sc., Ph.D., F.R.I.C. and J. Perrin, B.Pharm., M.P.S.
33. The Size, Shape and Hydration of Cetomacrogol 1000 Micelles. By P. H. Elworthy, B.Pharm., Ph.D.

The papers are printed in full with reports of discussions in the *Journal of Pharmacy and Pharmacology*, 1960, 12, Supplement, pages 41 T- 266 T.

THE SYMPOSIUM SESSION

A symposium on "Chemical Disinfection" was held on Thursday, September 8. The Chairman presided. The introductory papers were by Drs. S. E. Jacobs,

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A. M. Cook and J. G. Davis. Dr. Davis's paper was presented by Mr. A. H. Walters, who added a short contribution on disinfection in hospitals. The meeting is reported in the *Journal of Pharmacy and Pharmacology*, 1960, 12, Supplement, pages 9 T-40 T.

PROFESSIONAL SESSIONS

With the President of the Conference, Mr. T. Reid, in the chair, professional sessions were held on the mornings of Tuesday, September 6, when Dr. K. R. Capper read an introductory paper to the subject "The Change to the Metric System in Pharmaceutical Practice," and Friday, September 9, when Mr. C. G. Drummond and Professor A. D. Macdonald read introductory papers to the subject "Professional Responsibilities of the Pharmacist in the Supply of Medicinal Substances." Full reports of the papers and discussions were published in the *Pharmaceutical Journal*, 1960, 185, pages 263-266; 292-297.

THE CLOSING SESSION

The closing session of the Conference was held on Friday, September 9, in the City Hall, the Chairman presiding.

VOTE OF THANKS TO LOCAL COMMITTEE

The Chairman called on Mr. J. G. Coleman to propose a vote of thanks to the Local Committee. This was seconded by Mr. J. B. Grosset. Mr. T. D. Clarke (Chairman of the Local Committee) replied to the vote of thanks. The Chairman then presented to the Newcastle District and Northumberland Branch an inscribed gavel provided by the Bell and Hills Fund. Mr. G. H. M. Graham (Chairman of the Branch) accepted and acknowledged the gift on behalf of the Branch.

ANNUAL REPORT

Dr. E. F. Hersant presented the Annual Report of the Executive Committee.

Your Executive has pleasure in presenting the ninety-seventh 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 sixty-six members elected by the Executive who are not members of these Societies.

OBITUARY.—Your Executive regrets to report the death of B. A. Bull, Chairman of the Conference in 1946 and 1947.

REPORTS ON 1959 MEETING.—The report of the meeting of the Conference at Bournemouth 1959 together with the science papers and discussions were published as a supplement to the eleventh 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 129.

CONFERENCE PAPERS 1960.—Thirty-five research papers were submitted. Twenty-seven full papers and six short communications were accepted for presentation. The Executive thanks the authors of these papers and also the authors of the papers presented to the Symposium and the Professional Sessions for their contributions. The Executive is grateful to the Editor of the *Journal of Pharmacy and Pharmacology* and to the Editor of the *Pharmaceutical Journal* for making galley proofs of the papers available before this meeting.

JOURNAL OF PHARMACY AND PHARMACOLOGY.—The Executive has been represented on the Editorial Board by the Chairman (Professor W. H. Linnell), the immediate Past-Chairman (Mr. H. Treves Brown) and the Senior Honorary General Secretary.

FUTURE MEETINGS.—An invitation will be presented at this meeting for the Conference to meet in Portsmouth during the week commencing September 18, 1961. In addition to the invitations provisionally accepted last year, your Executive has also provisionally accepted an invitation to visit Edinburgh in 1964. Other Branches of the Society have made preliminary enquiries regarding the possibility of entertaining the Conference in future years and the Executive is grateful for all these offers of hospitality.

OFFICERS AND EXECUTIVE OF THE CONFERENCE.—Your Executive has nominated the following Officers and Members of the Executive for 1960-1961:—

Chairman: D. C. Garratt, *Vice-Chairmen:* R. R. Bennett, H. Deane, H. Humphreys Jones, T. E. Wallis, H. Brindle, Norman Evers, A. D. Powell, H. Berry, H. B. Mackie, G. R. Boyes, H. Davis, J. P. Todd, K. Bullock, Frank Hartley, G. E. Foster, H. Treves Brown and W. H. Linnell. *Honorary*

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Treasurer: H. G. Rolfe, *Honorary General Secretaries:* E. F. Hersant and D. Train. Other members of the Executive: K. R. Capper, G. F. Somers, J. B. Stenlake, R. E. Stuckey, G. Sykes and W. T. Wing.

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, 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 1960-1961.

ACKNOWLEDGEMENTS.—The Executive wishes to record thanks to the Chairman, Officers and Members of the Newcastle upon Tyne Local Committee for their work in making the local arrangements, and to the Council of the Pharmaceutical Society of Great Britain for the continued provision of secretarial and other facilities.

Dr. J. M. Rowson proposed the acceptance of the report and the election of officers of the Conference for the ensuing year. Miss M. A. Burr seconded.

Dr. D. C. Garrett thanked the Conference on behalf of the newly-elected officers.

TREASURER'S REPORT

Mr. H. G. Rolfe presented and proposed the adoption of the following Report and Statement of Accounts for the year 1960:—

The accounts for the year ended December 31, 1959, show that the stock of replicas of the Chairman's Badge has been replenished by the purchase of six new badges and these are included at cost (£44 2s. 0d.).

The Local Committee Fund of £250 having been repaid by the Bournemouth Local Committee, was loaned to the Newcastle upon Tyne Local Committee in October, 1959, in respect of the 1960 Conference.

The subscriptions from elected members, including a composition fee from the Pharmaceutical Society of Northern Ireland, amounted to £154 10s. 0d. and were credited to the account of the *Journal of Pharmacy and Pharmacology*.

H. G. ROLFE,
Honorary Treasurer.

BRITISH PHARMACEUTICAL CONFERENCE ACCOUNT

INCOME AND EXPENDITURE ACCOUNT, 1959

<i>Expenditure</i>	<i>£ s. d.</i>	<i>Income</i>	<i>£ s. d.</i>
Gavel—memento to Bournemouth and District Branch	8 16 3	Interest on 2½% Consols	40 5 0
Replica of Chairman's Badge, engraving, etc.	7 7 6	Interest on 3% Savings Bonds	6 0 0
Check book	4 0	Interest on 3% Exchequer Stock	15 0 0
Plinth and engraving Edmund White Golf Trophy	5 0 0	Interest on P.O. Savings Bank Account	5 1
Income Tax for the year	24 16 1	Interest on Bank Deposit Account	8 3
Secretaries' expenses	39 3 8	Donation from Pharmaceutical Society of Northern Ireland	25 0 0
Surplus carried to Accumulated Fund	26 10 10	Donation from Pharmaceutical Society of Ireland	25 0 0
	<u>£111 18 4</u>		<u>£111 18 4</u>

BALANCE SHEET AT DECEMBER 31, 1959

<i>Liabilities</i>	<i>£ s. d.</i>	<i>Assets</i>	<i>£ s. d.</i>
Accumulated Fund, as at 31.12.58:—	1,982 4 4	Investments at cost (a) £1,610 2½% Consols (Donation by the late Alderman Clayton of Birmingham)	1,250 0 0
Add: Surplus 1959	26 10 10	(b) £200 3% Savings Bonds 1960-70	200 0 0
	2,008 15 2	(c) £500 3% Exchequer Stock 1962-63	473 4 10
Income Tax due	9 3 8	(Total Market value at December 31, 1959: £1,453)	
Local Committee Fund:—		Stock of Replicas (6) of Chairman's Badge	44 2 0
Donation from London Committee, 1953	250 0 0	Loan to Newcastle Local Committee	250 0 0
	<u>£2,267 18 10</u>	Post Office Savings Bank Account	6 3 1
		Cash at Westminster Bank	44 8 11
			<u>£2,267 18 10</u>

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

May 31, 1960

The President seconded, and the Report was adopted.

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BRITISH PHARMACEUTICAL CONFERENCE

INAUGURAL MEETING HELD AT NEWCASTLE UPON TYNE IN 1863

Years	Places of Meeting	Presidents	Local Secretaries
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. KINNINMONT.
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.	Om. R. DAWSON.
1884	HASTINGS ..	J. WILLIAMS, F.C.S.	W. 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 UPON 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.F., F.C.S.	W. WARREN.
1904	SHEFFIELD ..	T. H. W. IDRIS, M.F., 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 UPON 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 ..	SIR 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. MALLETT.
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, D. ès. Sc., F.I.C.	R. CECIL OWEN, B.Sc.
1923	LONDON ..	F. W. GAMBLE.	—
1924	BATH ..	EDMUND WHITE, B.Sc., F.I.C.	—
1925	GLASGOW ..	EDMUND WHITE, B.Sc., F.I.C.	—
1926	LEICESTER ..	D. LLOYD HOWARD, J.P.	—
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.	—
			H. HUMPHREYS JONES
			F.R.I.C.
			E. R. CROSS.
			E. C. CARR.

Years	Places of Meeting	Chairmen	Local Secretaries
1923	LONDON ..	F. W. GAMBLE.	W. J. U. WOOLCOCK, C.B.E.
1924	BATH ..	EDMUND WHITE, B.Sc., F.I.C.	P. J. THOMPSON.
1925	GLASGOW ..	EDMUND WHITE, B.Sc., F.I.C.	W. H. HALLETT.
1926	LEICESTER ..	D. LLOYD HOWARD, J.P.	P. M. DUFF.
1927	BRIGHTON ..	D. LLOYD HOWARD, J.P.	J. BARKER.
1928	CHELTENHAM ..	R. R. BENNETT, B.Sc., F.R.I.C.	F. W. BURGESS.
1929	DUBLIN ..	R. R. BENNETT, B.Sc., F.R.I.C.	P. JAMES.
			V. E. HANNA.

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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, C.M.G., M.B., B.S., B.Sc., F.R.I.C.	H. N. LINSTAD.
1934	LEEDS	C. H. HAMPSHIRE, C.M.G., M.B., B.S., 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. I. 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. RUSTON.
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, B.Sc., Ph.D., F.R.I.C.	A. WILSON.
1949	BLACKPOOL	NORMAN EVERS, B.Sc., Ph.D., F.R.I.C.	R. VARLEY.
1950	GLASGOW	A. D. POWELL, F.R.I.C.	T. A. DURKIN.
1951	HARROGATE	H. BERRY, B.Sc., Dip. Bact. (Lond.), F.R.I.C.	A. OFFICER.
1952	NOTTINGHAM	H. B. MACKIE, B.Pharm.	R. W. JACKSON.
1953	LONDON	G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.	W. E. NEWBOLD.
1954	OXFORD	H. DAVIS, C.B.E., B.Sc., Ph.D., F.R.I.C.	Miss G. M. WATSON.
1955	ABERDEEN	J. P. TODD, Ph.D., F.R.I.C.	J. R. HARDY.
1956	DUBLIN	K. BULLOCK, M.Sc., Ph.D., F.R.I.C.	D. L. DICKIE.
1957	BRISTOL	F. HARTLEY, B.Sc., Ph.D., F.R.I.C.	D. J. KENNELLY.
1958	LLANDUDNO	G. E. FOSTER, B.Sc., Ph.D., F.R.I.C.	E. GEORGE.
1959	BOURNEMOUTH	H. TREVES BROWN, B.Sc., F.P.S.	M. H. THOMAS.
1960	NEWCASTLE UPON TYNE	W. H. LINNELL, D.Sc., Ph.D., F.P.S., F.R.I.C.	D. F. SMITH. A. MCGUCKIN.

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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.
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1898 to 1912, JOHN C. UMNEY, F.C.S.	1958 to H. G. ROLFE, B.Sc., F.R.I.C.
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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.
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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 1961

Mr. J. C. Bloomfield on behalf of the Portsmouth and District Branch, extended an invitation to hold the Conference in Portsmouth in 1961.

Mr. J. H. Oakley proposed that the invitation be accepted, and Mr. F. R. C. Bateson seconded. The vote was put to the meeting and unanimously carried.

VOTE OF THANKS TO CHAIRMAN

Mr. R. L. Stephens proposed a vote of thanks to the Chairman.

Mr. D. Nedeljkovic seconded. The vote was put to the meeting by the President and carried with acclamation.

Professor Linnell 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.