

BRITISH PHARMACEUTICAL CONFERENCE

NINETY-EIGHTH ANNUAL MEETING, PORTSMOUTH, 1961

REPORT OF PROCEEDINGS

OFFICERS:

President:

H. S. GRAINGER, F.P.S., London

Chairman:

D. C. GARRATT, D.Sc., Ph.D., F.R.I.C., Nottingham

Vice-Chairmen:

R. R. BENNETT, B.Sc., F.P.S., F.R.I.C., Eastbourne.
H. 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., Altrincham.
N. EVERS, B.Sc., Ph.D., F.R.I.C., Ware.
A. D. POWELL, M.P.S., F.R.I.C., Nottingham.
H. BERRY, B.Sc., Dip.Bact. (Lond.), 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.
F. HARTLEY, B.Sc., Ph.D., F.P.S., F.R.I.C., London.
G. E. FOSTER, B.Sc., Ph.D., F.R.I.C., Dartford.
H. TREVES BROWN, B.Sc., F.P.S., London.
W. H. LINNELL, D.Sc., Ph.D., F.P.S., F.R.I.C., London.

Honorary Treasurer:

H. G. ROLFE, B.Sc., F.P.S., F.R.I.C., London.

Honorary General Secretaries:

E. F. HERSANT, B.Pharm., Ph.D., F.P.S., F.R.I.C., London.

D. TRAIN, M.C., Ph.D., F.P.S., F.R.I.C., A.M.I.Chem.E., 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*).

*(Miss) M. A. BURR, M.P.S.,
Nottingham.

K. R. CAPPER, Ph.D., B.Pharm.,
F.P.S., D.I.C., London.

*T. REID, M.P.S., Haslemere.
G. F. SOMERS, B.Sc., Ph.D., F.P.S.,
M.I.Biol., Liverpool.

*H. STEINMAN, M.P.S., Manchester.

J. B. STENLAKE, D.Sc., Ph.D., F.P.S.,
F.R.I.C., Glasgow.

G. SYKES, M.Sc., F.R.I.C.,
Nottingham.

R. E. STUCKEY, D.Sc., Ph.D., F.P.S.,
F.R.I.C., London.

W. T. Wing, F.P.S., D.B.A., New-
castle.

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

REPORT OF PROCEEDINGS
PROCEEDINGS OF CONFERENCE
PORTSMOUTH, 1961

THE OPENING SESSION

The opening session of the Conference was held in the theatre of the South Parade Pier, Southsea, on Monday, September 18, with Mr. H. S. Grainger, President of the Conference (President of the Pharmaceutical Society), in the Chair. On the platform were the Chairman of the Conference (Dr. D. C. Garratt), the Lord Mayor of Portsmouth (Councillor R. Bonner-Pink), the Chairman and Secretary of the Local Committee (Mr. J. C. Bloomfield and Mr. N. L. Banks), the Honorary General Secretaries together with members of the Conference Executive Committee.

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

The President then handed over further conduct of the Conference to the Chairman (Dr. D. C. Garratt), who delivered his address entitled "Analysis Analysed," which is printed in the *Journal of Pharmacy and Pharmacology*, 1961, 13, *Suppl.* 9T-22T.

On the proposition of Mr. S. G. Stevens, seconded by Mr. T. C. Denston, the Conference accorded a vote of thanks to the Chairman for his address.

CIVIC RECEPTION

On the evening of Monday, September 18, a Civic Reception was given at the Guildhall. The guests were received by the Lord Mayor (Councillor A. Bonner-Pink) and the Chairman of the Local Committee (Mr. J. C. Bloomfield) and Mrs. Bloomfield. A dance was held after the reception.

THE SCIENCE SESSIONS

Meetings were held on Monday, Tuesday and Friday, September 18, 19 and 22 at the theatre of the South Parade Pier, or the Guildhall, the Chairman presiding. During the sessions the following 25 papers were communicated:—

1. The Stability of Solutions of the International Pyrogen Reference Preparation. By C. H. R. Palmer, B. Pharm. M.P.S. and T. D. Whittet, B.Sc., Ph.D., F.P.S., F.R.I.C.
2. The Removal of Air during Autoclave Sterilisation of Fabrics using Low Pressure Steam. By G. R. Wilkinson, F.P.S. and F. G. Peacock.
3. Improvement of Heating of Bottled Fluids during Autoclave Sterilisation using Low Pressure Steam. By G. R. Wilkinson, F.P.S. and F. G. Peacock.
4. A Slope-ratio Design for Accelerated Storage Tests. By J. P. R. Toothill, B.Sc., A.R.I.C.
5. Ethylene Oxide Sterilisation—Some Experiences and Some Practical Limitations. By A. Royce, F.P.S. and C. Bowler.
6. The Preparation and *in vitro* Evaluation of Some Modified Aluminium Hydroxides as Gastric Antacids. By B. K. Davison, B.Sc., Ph.D., F.R.I.C. and R. E. Schaffer, B.Sc., Ph.D.
7. Neuromuscular Blocking Agents. Part IX. Some Short-Acting *NNN*-Tris-*onium* Esters. By Fiona MacLeod Cary, B.Sc., J. J. Lewis, M.Sc., F.P.S., J. B. Stenlake, D.Sc., Ph.D., F.P.S., F.R.I.C. and W. D. Williams, B.Pharm., Ph.D., F.P.S., A.R.I.C.
8. The Anti-inflammatory and Antidiuretic Actions of Fractions Obtained from Xanthoglabrol. By R. Best, B.Pharm. and R. S. H. Finney, B.Sc., M.Sc.
9. The Determination of Hexachlorophane and other Phenols in Pharmaceutical Preparations by a ΔE Spectrophotometric Method. By D. A. Elvidge, B.Sc., A.R.I.C. and B. Peutrell, B.Sc.
10. The Spectrophotometric Determination of Thalidomide in Body Fluids. By J. N. Green, B.Sc., Ph.D. and B. C. Benson.
11. The effect of a Sulphated Polysaccharide upon the Diffusion of Pepsin through Mucin. By W. Anderson, B.Sc., Ph.D., F.P.S.
12. Ion-exchange Chromatography on Alginic Acid of Certain B-Group Vitamins. By J. S. Foster, B.Sc. and J. W. Murfin, B.Sc., F.R.I.C.
13. On the Standardisation of Thyroid B.P. By C. A. Johnson, B.Sc., B.Pharm., F.P.S., F.R.I.C. and K. L. Smith, M.P.S.

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14. Comparison of Biological and Chemical Assay of Thyroid. By F. W. Webb, B.Sc.
15. The Strength of Compressed Tablets. III. The Relation of Particle Size, Bonding and Capping in Tablets of Sodium Chloride, Aspirin and Hexamine. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and D. Ganderton, B.Pharm., M.P.S.
16. A New Method for the Determination of Barbiturates. By I. M. Roushdi, B.Pharm., Ph.D., H. Abdine, B.Pharm., Ph.D. and A. Ayad, M.Pharm.
17. The Flask Combustion Technique in Pharmaceutical Analysis: Mercury-containing Substances. By C. Vickers, B.Sc., A.R.I.C. and J. V. Wilkinson, B.Sc.
18. 4-Alkoxy piperidines Related to Reversed Esters of Pethidine. By A. F. Casy, B.Sc., Ph.D., F.P.S., F.R.I.C. and A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C.
19. A Specific Solvent-extraction Method for the Determination of Trace Quantities of Fluoride. By C. A. Johnson, B.Sc., B.Pharm., F.P.S., F.R.I.C. and M. A. Leonard, B.Sc., Ph.D.
20. Entrainment and Flooding in Vertical Still-heads. By A. J. Evans, B.Pharm., Ph.D., E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C. and D. Train, M.C., B.Pharm., B.Sc.(Eng.), Ph.D., F.P.S., F.R.I.C., M.I.Chem.E.
21. Studies on Bacterial Populations in Solutions of Phenols. Part II. The Influence of Cell-exudate upon the Shape of the Survivor-time Curve. By H. S. Bean, B.Pharm., Ph.D., F.P.S. and V. Walters, B.Pharm., Ph.D., F.P.S.
22. The Assay of Enzyme Activity by the Plate-diffusion Technique. By D. V. Carter, B.Sc. and G. Sykes, M.Sc., F.R.I.C.
23. The Influence of the Variations in Solubilising Properties of Polysorbate 80 on the Vitamin A Palmitate: Polysorbate 80: Glycerol: Water System. By P. F. G. Boon, B.Sc., A.R.I.C., C. L. J. Coles, B.Pharm., F.P.S. and M. Tait, B.Pharm., M.P.S.
24. Phase Equilibria in Systems Containing Commercial Non-ionic Surface-active Agents and Benzene. By B. A. Mulley, B.Pharm., Ph.D., A.R.I.C.
25. Some Observations on the Flow Properties of Barium Sulphate Suspensions. By J. E. Carless, M.Sc., B.Pharm., Ph.D., F.P.S. and N. C. Chenoy, B.Pharm.

THE CONFERENCE LECTURE

A lecture on "Interferon" was given on Wednesday, September 20, by Dr. A. Issacs. The Chairman presided. The lecture is printed in the *Journal of Pharmacy and Pharmacology*, 1961, **13**, *Suppl.* 57T-61T.

THE SYMPOSIUM SESSION

A symposium on "Skin Medication" was held on Thursday, September 21. The Chairman presided. The introductory papers were by Drs. F. J. Ebling, A. Jarrett and Mr. J. W. Hadgraft. The meeting is reported in the *Journal of Pharmacy and Pharmacology*, 1961, **13**, *Suppl.* 25T-56T.

PROFESSIONAL SESSIONS

With the President of the Conference, Mr. H. S. Grainger, in the Chair, professional sessions were held on the mornings of Tuesday, September 19, when Mr. H. E. Chapman read an introductory paper to the subject "Impact of Restrictive Practices Legislation on Pharmacy and the Pharmaceutical Industry," and Friday, September 22, when Mr. F. W. Adams introduced the Report of the Committee on the General Practice of Pharmacy. Full reports of the papers and discussions were published in the *Pharmaceutical Journal*, 1961, **187**, 265-271; 291-306; 390-393.

THE CLOSING SESSION

The closing session of the Conference was held on Friday, September 22, in the theatre of the South Pier, the Chairman presiding.

VOTE OF THANKS TO LOCAL COMMITTEE

The Chairman called on Mr. E. Knott to propose a vote of thanks to the Local Committee. This was seconded by Mr. M. H. Thomas. Mr. J. C. Bloomfield

REPORT OF PROCEEDINGS

(Chairman of the Local Committee) replied to the vote of thanks. The Chairman then presented to the Portsmouth and District Branch an inscribed gavel provided by the Bell and Hills Fund. Mr. N. Francis (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-eighth 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-eight members elected by the Executive who are not members of these Societies.

REPORTS ON 1960 MEETING.—The report of the meeting of the Conference at Newcastle upon Tyne, 1960, together with the science and symposium papers and discussions were published as a supplement to the twelfth 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 131.

CONFERENCE PAPERS, 1961.—Thirty-three research papers were submitted before the closing date. Nineteen 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.

CONFERENCE LECTURE, 1961.—An innovation at the 1961 Conference at Portsmouth was the inclusion in the programme of a Conference Lecture by a distinguished invited speaker, on this occasion Dr. A. Isaacs of the National Institute for Medical Research, on "Interferon." The Executive wish to record their thanks to him for his contribution to the Conference.

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

In view of the decision of the Council of the Pharmaceutical Society to increase the price of the *Journal of Pharmacy and Pharmacology* to members of the Pharmaceutical Society, the subscription of elected members of the British Pharmaceutical Conference as from January 1, 1962, will be £2 15s. 0d.

FUTURE MEETINGS.—An invitation will be presented at this meeting for the Conference to meet in Liverpool during the week commencing September 3, 1962. The Centenary Meeting of the Conference will be held in London during the week commencing September 2, 1963. Your Executive has provisionally accepted an invitation to hold the Conference in Edinburgh in 1964 during the week commencing September 14. Several 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.

CONSTITUTION AND RULES.—Your Executive has appointed a Sub-Committee to review the Constitution of the Executive and the Rules of the Conference. Any proposals will be reported at a subsequent meeting of the Conference.

OFFICERS AND EXECUTIVE OF THE CONFERENCE.—Your Executive has nominated the following Officers and Members of the Executive for 1961-62:

Chairman: J. C. Hanbury, *Vice-Chairmen:* R. R. Bennett, H. Deane, H. Humphreys Jones, T. E. Wallis, H. Brindle, N. Evers, A. D. Powell, H. Berry, H. B. Mackie, G. R. Boyes, H. Davis, J. P. Todd, K. Bullock, F. Hartley, G. E. Foster, H. Treves Brown, W. H. Linnell and D. C. Garratt. *Honorary Treasurer:* H. G. Rolfe, *Honorary General Secretaries:* E. F. Hersant and D. Train. Other members of the Executive: A. H. Beckett, K. R. Capper, E. Shotton, G. F. Somers, R. E. Stuckey 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,

REPORT OF PROCEEDINGS

namely the persons for the time being holding the office of Vice-President, immediate past President and one other, 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 1961-1962.

ACKNOWLEDGEMENTS.—The Executive wishes to record thanks to the Chairman, Officers and Members of the Portsmouth 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.

Mr. D. W. Hudson proposed the acceptance of the report and the election of officers of the Conference for the ensuing year. Mr. D. A. Norton seconded.

Mr. J. C. Hanbury 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 1961:

In relation to the audited accounts for the year ended December 31, 1960, it should be mentioned that the Post Office Savings Bank Account was closed during that year.

The Local Committee Fund of £250 having been repaid by the Newcastle upon Tyne Local Committee, was loaned to the Portsmouth Local Committee in respect of the 1961 Conference.

The subscriptions of the elected members, including a composition fee from the Pharmaceutical Society of Northern Ireland, amounted to £142 5s. 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, 1960

<i>Expenditure</i>	£ s. d.	<i>Income</i>	£ s. d.
Gavel—memento to Newcastle and District Branch	8 17 6	Interest on 2½% Consols	40 5 0
Replica of Chairman's Badge, engraving, etc.	7 17 0	Interest on 3% Savings Bonds	6 0 0
Engraving Edmund White Golf Trophy	10 0	Interest on 3% Exchequer Stock	15 0 0
Ribbon for Chairman's badge	15 6	Interest on P.O. Savings Bank Account	1 3
Expenses of Speakers	25 0 6	Interest on Bank Deposit Account	3 11 2
Income Tax	20 15 0	Donation from Pharmaceutical Society of Northern Ireland	25 0 0
Surplus carried to Accumulated Fund	51 1 11	Donation from Pharmaceutical Society of Ireland	25 0 0
£114 17 5		£114 17 5	

BALANCE SHEET AT 31 DECEMBER, 1960

<i>Liabilities</i>	£ s. d.	<i>Assets</i>	£ s. d.
Accumulated Fund, as at 31.12.59:	2,008 15 2	Investments at cost (a) £1,610 2½% Consols (Donation by the late Alderman Clayton of Birmingham)	1,250 0 0
<i>Add:</i> Surplus 1960	51 1 11	(b) £200 3% Savings Bonds 1960-70	200 0 0
Local Committee Fund:	2,059 16 1	(c) £500 3% Exchequer Stock 1962-63	473 4 10
Donation from London Committee, 1953	250 0 0	(Total Market value at December 31, 1960: £1,343)	1,923 4 10
		Stock of Replicas (5) of Chairman's Badge	36 15 0
		Loan to Portsmouth Local Committee	250 0 0
		Cash at Bank—	
		Current Account	13 12 11
		Deposit Account	86 4 4
£2,309 17 1		£2,309 17 1	

Audited and found correct

J. C. HANBURY
T. HESELTINE

May 17, 1961

The President seconded, and the Report was adopted.

REPORT OF PROCEEDINGS

BRITISH PHARMACEUTICAL CONFERENCE

INAUGURAL MEETING HELD AT NEWCASTLE UPON TYNE IN 1863

<i>Years</i>	<i>Places of Meeting</i>	<i>Presidents</i>	<i>Local Secretaries</i>
1864	BATH	H. DEANE, F.L.S.	J. C. POOLEY.
1865	BIRMINGHAM ..	H. DEANE, F.L.S.	W. SOUTHALL, JUN.
1866	NOTTINGHAM ..	PROF. R. BENTLEY, F.L.S.	J. H. ATHERTON.
1867	DUNDEE	PROF. R. BENTLEY, F.L.S.	J. HODGE.
1868	NORWICH	D. HANBURY, F.R.S.	F. SUTTON.
1869	EXETER	D. HANBURY, F.R.S.	M. HUSBAND.
1870	LIVERPOOL ..	W. W. STODDART	E. DAVIES.
1871	EDINBURGH ..	W. W. STODDART.	J. DUTTON (Birkenhead).
1872	BRIGHTON ..	H. B. BRADY, F.R.S.	J. MACKAY.
1873	BRADFORD ..	H. B. BRADY, F.R.S.	T. GLAISYER.
1874	LONDON	T. B. GROVES	R. PARKINSON, PH.D.
1875	BRISTOL	T. B. GROVES	M. CARTEIGHE.
1876	GLASGOW	PROF. T. REDWOOD	J. PITMAN.
1877	PLYMOUTH ..	PROF. T. REDWOOD	A. KINNINMONT.
1878	DUBLIN	G. F. SCHACHT	R. J. CLARK.
1879	SHEFFIELD ..	G. F. SCHACHT	W. HAYES.
1880	SWANSEA	W. SOUTHALL, F.L.S.	H. MALEHAM.
1881	YORK	R. REYNOLDS	J. HUGHES.
1882	SOUTHAMPTON	PROF. J. ATTFIELD, F.R.S.	J. OWRAY.
1883	SOUTHPORT ..	PROF. J. ATTFIELD, F.R.S.	O. R. DAWSON.
1884	HASTINGS ..	J. WILLIAMS	W. ASHTON.
1885	ABERDEEN ..	J. B. STEPHENSON.	F. ROSSITER.
1886	BIRMINGHAM ..	T. GREENISH	A. STRACHAN.
1887	MANCHESTER ..	S. R. ATKINS, J.P.	C. THOMPSON.
1888	BATH	F. B. BENDER	F. B. BENDER.
1889	NEWCASTLE UPON TYNE	C. UMNEY, F.I.C.	H. HUTTON.
1890	LEEDS	C. UMNEY, F.I.C.	T. M. CLAGUE.
1891	CARDIFF	W. MARTINDALE	F. W. BRANSON.
1892	EDINBURGH ..	E. C. C. STANFORD	A. COLEMAN.
1893	NOTTINGHAM ..	O. CORDER	P. 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	S. HARDWICK.
1897	GLASGOW	C. SYMES, Ph.D.	T. H. WARDLEWORTH.
1898	BELFAST	C. SYMES, Ph.D.	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 TURNEY.
1903	BRISTOL	T. H. W. IDRIS, M.P.	W. WARREN.
1904	SHEFFIELD ..	T. H. W. IDRIS, M.P.	H. CRACKNELL.
1905	BRIGHTON ..	W. A. H. NAYLOR, F.I.C.	J. I. BERNARD.
1906	BIRMINGHAM ..	W. A. H. NAYLOR, F.I.C.	W. CUMMINGS.
1907	MANCHESTER ..	T. TYRER, F.I.C.	H. E. BOORNE.
1908	ABERDEEN ..	R. WRIGHT	H. ANTCLIFFE.
1909	NEWCASTLE UPON TYNE	J. G. TOCHER, B.Sc.	W. W. SAVAGE.
1910	CAMBRIDGE ..	F. RANSOM	C. G. YATES.
1911	PORTSMOUTH ..	W. F. WELLS.	C. THOMPSON.
1912	EDINBURGH ..	SIR EDWARD EVANS, J.P.	W. KIRBY.
1913	LONDON	J. C. UMNEY	W. F. HAY.
1914	CHESTER	E. H. FARR	T. M. CLAGUE.
1915	LONDON	E. SAVILLE PECK, M.A.	H. W. NOBLE.
1916	LONDON	D. HOOPER, LL.D., F.R.I.C.	A. A. DECK.
1917	LONDON	C. A. HILL, B.Sc., F.R.I.C.	T. J. MALLETT.
1918	LONDON	C. A. HILL, B.Sc., F.R.I.C.	T. O. BARLOW.
1919	LONDON	W. KIRBY, M.Sc.	T. POSTLETHWAIT.
1920	LIVERPOOL ..	C. A. HILL, B.Sc., F.R.I.C.	T. STEPHENSON.
1921	SCARBOROUGH	E. SAVILLE PECK, M.A.	W. J. U. WOOLCOCK.
1922	NOTTINGHAM ..	PROF. H. G. GREENISH, D. & Sc., F.I.C.	R. C. OWEN, B.Sc.
1923	LONDON	F. W. GAMBLE	—
1924	BATH	E. WHITE, B.Sc., F.I.C.	—
1925	GLASGOW	E. WHITE, B.Sc., F.I.C.	—
1926	LEICESTER ..	D. LLOYD HOWARD, J.P.	—
1927	BRIGHTON ..	D. LLOYD HOWARD, J.P.	—
1928	CHELTHENHAM ..	R. R. BENNETT, B.Sc., F.R.I.C.	—
1929	DUBLIN	R. R. BENNETT, B.Sc., F.R.I.C.	—
1923	LONDON	F. W. GAMBLE	W. J. U. WOOLCOCK, C.B.E.
1924	BATH	E. WHITE, B.Sc., F.I.C.	P. J. THOMPSON.
1925	GLASGOW	E. 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	CHELTHENHAM ..	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.

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, C.M.G., M.B., B.S., B.Sc., F.R.I.C.	H. N. LINSTEAD.
1934	LEEDS ..	C. H. HAMPSHIRE, C.M.G., M.B., B.S., B.Sc., F.R.I.C.	G. C. CRUMMACK. J. F. SIMON.
1935	BELFAST ..	F. W. CROSSLEY-HOLLAND, L.M.S.S.A.	D. L. KIRKPATRICK.
1936	BOURNEMOUTH ..	H. DEANE, B.Sc., F.R.I.C.	V. J. SCAMPTON.
1937	LIVERPOOL ..	T. E. LESCHER, O.B.E.	W. E. HUMPHREYS.
1938	EDINBURGH ..	J. RUTHERFORD HILL, O.B.E.	C. G. DRUMMOND.
1939	BIRMINGHAM ..	J. RUTHERFORD HILL, O.B.E.	D. J. RUSTON.
1940	LONDON ..	H. HUMPHREYS JONES, F.R.I.C.	-----
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 ..	N. EVERS, B.Sc., Ph.D., F.R.I.C.	A. WILSON.
1949	BLACKPOOL ..	N. 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. M. ROWSON.
1956	DUBLIN ..	K. BULLOCK, M.Sc., Ph.D., F.R.I.C.	T. R. HARDY.
1957	BRISTOL ..	F. HARTLEY, B.Sc., Ph.D., F.R.I.C.	D. L. DICKIE.
1958	LLANDUDNO ..	G. E. FOSTER, B.Sc., Ph.D., F.R.I.C.	D. J. KENNELLY.
1959	BOURNEMOUTH ..	H. TREVES BROWN, B.Sc., F.P.S.	E. GEORGE.
1960	NEWCASTLE UPON TYNE ..	W. H. LINNELL, D.Sc., Ph.D., F.P.S., F.R.I.C.	M. H. THOMAS.
1961	PORTSMOUTH ..	D. C. GARRATT, D.Sc., Ph.D., F.R.I.C.	D. F. SMITH. A. McGUCKIN.
			N. L. BANKS.

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, G. F. SCHACHT.	1934 to 1936, T. E. LESCHER, O.B.E.
1877 to 1884, C. EKIN.	1936 to 1940, A. R. MELHUISE.
1884 to 1888, C. UMNEY, F.I.C.	1940 to 1947, T. MARNES.
1888 to 1890, W. MARTINDALE.	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.	1952 to 1953, H. DAVIS, C.B.E., B.Sc., Ph.D., F.R.I.C.
1893 to 1898, J. MOSS, F.I.C.	1953 to 1958, H. TREVES BROWN, B.Sc.
1898 to 1912, J. C. UMNEY.	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. J. 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, R. REYNOLDS.	1923 to 1927, F. W. CROSSLEY-HOLLAND, L.M.S.S.A.
1871 to 1884, F. BENDER.	1927 to 1944, C. E. CORFIELD, B.Sc., F.R.I.C.
1880 to 1882, M. CARTEIGHE.	1929 to 1947, G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.
1881 to 1886, S. PLOWMAN, F.R.C.S.	1944 to 1953, H. TREVES BROWN, B.Sc.
1884 to 1890, J. 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.	1953 to E. F. HERSANT, B.Pharm., Ph.D., F.R.I.C.
1890 to 1903, F. RANSOM.	1958 to D. TRAIN, M.C., B.Pharm., B.Sc., Ph.D., F.R.I.C., A.M.I.Chem.E.
1903 to 1909, E. WHITE, B.Sc., F.I.C.	
1901 to 1921, E. SAVILLE PECK, M.A.	
1909 to 1919, H. 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 1962

Mr. H. Humphreys Jones on behalf of the Liverpool and District Branch, extended an invitation to hold the Conference in Liverpool in 1962.

Mrs. I. M. Z. Elliott proposed that the invitation be accepted, and Dr. W. Mitchell seconded. The vote was put to the meeting and unanimously carried.

VOTE OF THANKS TO CHAIRMAN

Mr. D. Stephenson proposed a vote of thanks to the Chairman.

Dr. J. E. Carless seconded. The vote was put to the meeting by the President and carried with acclamation.

Dr. Garratt 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 55s. 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.