

BRITISH PHARMACEUTICAL CONFERENCE

CENTENARY MEETING, LONDON, 1963

REPORT OF PROCEEDINGS

OFFICERS:

President:

C. W. MAPLETHORPE, M.Sc., F.P.S., F.R.I.C., M.I.Chem.E., Ware.

Chairman:

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

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.
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.
D. C. GARRATT, D.Sc., Ph.D., F.R.I.C., Nottingham.
J. C. HANBURY, M.A., B.Pharm., F.P.S., F.R.I.C., Ware.

Honorary Treasurer:

J. M. ROWSON, M.Sc., Ph.D., F.P.S., F.L.S., Bradford.

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*).

*A. ALDINGTON, M.P.S., London.
A. H. BECKETT, D.Sc., Ph.D., F.P.S.,
F.R.I.C., London.
*J.C. BLOOMFIELD, M.P.S., Portsmouth.
*Miss M. A. BURR, M.P.S., Nottingham.
K. R. CAPPER, Ph.D., B.Pharm.,
F.P.S., D.I.C., London.

D. W. HUDSON, M.P.S., Hove.
E. SHOTTON, B.Sc., Ph.D., F.P.S.,
F.R.I.C., London.
R. E. STUCKEY, D.Sc., Ph.D., F.P.S.,
F.R.I.C., London.
W. T. WING, F.P.S., Newcastle.

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

REPORT OF PROCEEDINGS
PROCEEDINGS OF CONFERENCE
LONDON, 1963

THE OPENING SESSION

The opening session of the Conference was held in the Grand Hall of the Connaught Rooms on Monday, September 2, with Mr. C. W. Maplethorpe, President of the Conference (President of the Pharmaceutical Society), in the Chair. On the platform were the Chairman of the Conference (Mr. H. G. Rolfe), the Minister of Health (Mr. Enoch Powell), the Chairman (Mr. A. Aldington) and Secretary (Dr. K. R. Capper) of the Local Committee, the Conference Treasurer and the Honorary General Secretaries, together with members of the Conference Executive.

The President introduced the Minister of Health, who extended to the Conference "a most cordial welcome on behalf of Her Majesty's Government". On the motion of the President a vote of thanks to the Minister for his address was carried by acclamation.

The President then handed over further conduct of the Conference to the Chairman (Mr. H. G. Rolfe), who delivered his address entitled "A History of the Conference", which is printed in the Supplement to the *Journal of Pharmacy and Pharmacology*, **15**, 9T-42T.

On the proposition of Mr. H. Treves Brown, the Conference accorded a vote of thanks to the Chairman for his address.

GUILDHALL RECEPTION

On the evening of Monday, September 2, the Conference members were the guests of the Lord Mayor and Corporation of London. In the absence of the Lord Mayor abroad, guests were received by the Lord Mayor locum tenens, Sir Noel Bowater (Lord Mayor, 1953-4).

THE SCIENCE SESSIONS

Meetings were held on Monday, Wednesday and Friday, September 2, 4 and 6, at the Connaught Rooms, the Chairman and past Chairmen presiding. During the sessions the following 35 papers were presented.

1. Sterilisation of Colchicine Injection. By G. Smith, B.Sc., F.P.S., J. M. Bullivant, B.Pharm., F.P.S. and P. H. Cox, M.P.S.
2. Some Antipyretics Related to Aspirin and Phenacetin. By J. A. Baker, B.Sc., Ph.D., J. Hayden, M.A., P. G. Marshall, D.Sc., F.R.I.C., C. H. R. Palmer, B.Pharm., M.P.S., and T. D. Whittet, B.Sc., Ph.D., F.P.S., F.R.I.C., D.B.A.
3. An Accelerated Storage Test with Programmed Temperature Rise. By A. R. Rogers, B.Pharm., B.Sc., Ph.D., F.P.S., F.R.I.C.
4. The Instrumentation of a Rotary Tablet Machine. By E. Shotton, B.Sc., Ph.D., F.P.S., F.R.I.C., J. J. Deer and D. Ganderton, B.Pharm., Ph.D., M.P.S.
5. The Evaluation of Canada Balsam. By S. B. Challen, B.Pharm., B.Sc., Ph.D., F.P.S., F.L.S.
6. Chemical Studies of the Leaves and Inflorescences of *Digitalis purpurea* L. and of Allied Species. By P. S. Cowley, B.Pharm., Ph.D. and J. M. Rowson, M.Sc., Ph.D., F.P.S., F.L.S.
7. The Use of Orthogonal Functions to Correct for Irrelevant Absorption in Two Component Spectrophotometric Analysis. By A. L. Glenn, B.Pharm., B.Sc., Ph.D., F.P.S.
8. Charge Delocalisation in Relation to Neuromuscular Blocking Activity of Certain Tetra-alkylammonium Compounds. By B. Collier, B.Sc. and K. A. Exley, M.D.
9. The Reaction of Semicarbazide with Collagen. By G. C. Wood, Ph.D.
10. An Experimental Determination of the Internitrogen Distance in Some Bis-quaternary Ammonium Ganglionic and Neuromuscular Blocking Agents. By P. H. Elworthy, B.Pharm., Ph.D., M.P.S., A.R.I.C.
11. On the Relationship Between the Effect of Phenol on the Oxygen Uptake and the Viability of *Penicillium notatum* Spores. By N. M. Chauhan, B.Pharm., M.P.S., Stella M. Rivers, B.Sc., F.P.S. and V. Walters, B.Pharm., Ph.D., F.P.S.
12. Heat and Gamma-Radiation Resistance of *Bacillus megaterium* Spores. By A. Tallentire, M.Sc., Ph.D., F.P.S. and C. O. Chiori, M.Sc.

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13. The Evaluation, from Extinction Data, of the Inactivation of Bacteriophage by Chemical Agents. By A. M. Cook, B.Pharm., Ph.D., Dip.Bact., F.P.S., F.R.I.C. and W. R. L. Brown, B.Pharm., Ph.D., F.P.S.
14. The *Mitragyna* Species of Ghana. The Alkaloids of the Leaves of *Mitragyna stipulosa* (D.C.) O. Kuntze. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C., E. J. Shellard, B.Pharm., Ph.D., F.P.S., F.R.I.C., F.L.S. and A. N. Tackie, B.Pharm., Ph.D.
15. The *Mitragyna* Species of Ghana. The Alkaloids of the Leaves of *Mitragyna ciliata* Aubr. et Pellegr. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C., E. J. Shellard, B.Pharm., Ph.D., F.P.S., F.R.I.C., F.L.S. and A. N. Tackie, B.Pharm., Ph.D.
16. *Datura sanguinea* R. and P., its Stem and Leaves. By T. E. Wallis, D.Sc., F.P.S., F.R.I.C., F.L.S. and Mirjana Konjovic.
17. A Dependence on Water Content of Bactericidal Efficiency of Gamma-Radiation. By A. Tallentire, M.Sc., Ph.D., F.P.S., N. A. Dickinson, B.Pharm., M.P.S. and J. H. Collett, B.Sc., M.P.S.
18. A Common Antigen in the Cell Walls of Three Lysozyme-sensitive Bacteria. By D. Wiseman, B.Sc., M.P.S.
19. The Action of Tetracycline and Chloramphenicol Alone and in Admixture on the Growth of *Escherichia coli*. By E. R. Garrett, B.S., M.S., Ph.D. and M. R. W. Brown, M.Sc., Ph.D., M.P.S., M.I.Biol.
20. The Use of Membrane Filters in the Enumeration of Damaged *Escherichia coli*. By N. D. Harris, B.Pharm., Ph.D., F.P.S., D.I.C. and J. P. Richards, B.Sc., Ph.D., M.P.S.
21. The Influence of the Nature of the Recovery Medium on the Apparent Viability of Phenol-treated Bacteria. By N. D. Harris, B.Pharm., Ph.D., F.P.S., D.I.C.
22. Phase Solubility Analysis: An Evaluation of the Technique. By D. C. Garratt, D.Sc., Ph.D., Hon.M.P.S., F.R.I.C., C. A. Johnson, B.Pharm., B.Sc., F.P.S., F.R.I.C. and R. E. King, A.R.I.C.
23. The Colorimetric Determination of Small Amounts of Iodide, with Special Reference to the Determination of Iodide in the Presence of Organically-bound Iodine. By R. E. A. Drey, B.Sc., F.R.I.C.
24. The Estimation of Morphine, Codeine and Thebaine in Opium and in Poppy Latex by Paper Chromatography. By J. W. Fairbairn, B.Sc., Ph.D., F.P.S., F.R.I.C., F.L.S. and Gamila Wassel, B.Pharm.
25. Ionisation Constants of some Penicillins and of their Alkaline and Penicillinase hydrolysis Products. By H. D. C. Rapson, B.Sc., Ph.D., D.I.C., A.R.I.C. and A. E. Bird, B.Sc., A.R.I.C.
26. A Chromatographic Method for the Determination of Phenothiazine. By A. Holbrook, F.R.I.C., F. S. Barlow and F. Bailey.
27. Multiple Spot Phenomena Using Thin Layer Chromatography of Pure Organic Bases. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C. and N. Choulis, B.Pharm.
28. Spectroscopic Studies of the Reaction of Hydroxylated Promazines and Related Compounds with Sulphuric Acid. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C. and S. H. Curry, B.Pharm., M.P.S.
29. Active Sites in Stereoselective Adsorbents as Models of Drug Receptors and Enzyme Active Sites. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C. and H. Z. Youssef, B.Pharm.
30. The Structures of the Alkaloids from *Mitragyna* Species of Ghana. By A. H. Beckett, D.Sc., Ph.D., F.P.S., F.R.I.C. and A. N. Tackie, B.Pharm., Ph.D.
31. A Rapid Method for the Determination of Griseofulvin in Fermenter Broth. By A. Holbrook, F.R.I.C., F. Bailey and Greta M. Bailey.
32. A Quantitative Chromatographic Method for the Determination of Purity of Griseofulvin. By A. Holbrook, F.R.I.C., F. Bailey and Greta M. Bailey.
33. The *Mitragyna* Species of Ghana. The Anatomy of the Leaves of *Mitragyna stipulosa* (D.C.) O. Kuntze and *Mitragyna ciliata* Aubr. et Pellegr. By E. J. Shellard, B.Pharm., Ph.D., F.P.S., F.R.I.C., F.L.S. and Pariokh Shadan, Ph.D.
34. The Structure of Cascarosides A and B. 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 S. Simic, B.Pharm.
35. A New Method of Streptomycin Chromatography and its Use in the Examination of the Reaction between Streptomycin and Ammonia. By T. E. Couling, F.R.I.C. and R. Goodey, F.R.I.C.

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THE CONFERENCE LECTURE

A lecture on "Toxic Hazards from Drugs" was given on Tuesday, September 3, by Dr. J. M. Barnes. The Chairman presided. The lecture is printed in the Supplement to the *Journal of Pharmacy and Pharmacology*, 15, 75T-91T.

THE SYMPOSIUM SESSION

A symposium on "Pharmaceutical Aspects of Fine Particles and their Evaluation" was held on Thursday, September 5. The Chairman presided. The introductory papers were by Mr. K. A. Lees and Dr. H. Heywood. The meeting is reported in the Supplement to the *Journal of Pharmacy and Pharmacology*, 15, 43T-74T.

PROFESSIONAL SESSIONS

With the President of the Conference, Mr. C. W. Maplethorpe, in the Chair, professional sessions were held on the mornings of Wednesday, September 3, when Professor M. J. Rodman read a paper on "Accidental Poisoning", and Friday, September 6, when Messrs. D. A. Norton and F. H. Oliver read introductory papers to the subject "Education for Pharmaceutical Practice—A Teaching Viewpoint". Full reports of the papers and discussions were published in the *Pharmaceutical Journal*, 1963, 191, 249-255; 275-276; 315-322, 332.

THE CLOSING SESSION

The closing session of the Conference was held on Friday, September 6, in the Grand Hall of the Connaught Rooms, the Chairman presiding.

VOTE OF THANKS TO LOCAL COMMITTEE

The Chairman called on Mrs. Estelle Leigh to propose a vote of thanks to the Local Committee. This was seconded by the President. Mr. A. Aldington (Chairman of the Local Committee) replied to the vote of thanks.

ANNUAL REPORT

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

Your Executive has pleasure in presenting the one-hundredth Annual Report.

MEMBERSHIP.—In addition to Members, Honorary Members and Students of the Pharmaceutical Society of Great Britain and Members of the Pharmaceutical Society of Northern Ireland, the Conference includes sixty-seven members elected by the Executive who are not members of these Societies.

OBITUARY.—The Executive report with deep regret the death since the last meeting, of Mr. Granville Shaw, President of the Conference in 1956; and Mr. A. D. Powell, Chairman of the Conference in 1950.

REPORTS ON 1962 MEETING.—The Report of the meeting of the Conference in Liverpool in 1962 together with the science papers and discussions, and the Conference Lecture were published as a supplement to the 14th 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 135.

CONFERENCE PAPERS, 1963.—Fifty papers were submitted; twenty-six full papers and nine 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.—The 1963 Conference Lecture was delivered by Dr. J. M. Barnes, Head of the Toxicology Research Unit of the Medical Research Council, and the Executive wishes to record 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, the immediate past Chairman and the Senior Honorary General Secretary.

FUTURE MEETINGS.—An invitation will be presented at this meeting for the Conference to meet in Edinburgh during the week commencing September 14, 1964. Your Executive has provisionally accepted an invitation to hold the

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Conference in Cardiff in 1965 during the week commencing September 6, and in Manchester in 1966 during the week commencing September 5. 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.—The revised Rules of the Conference were approved at the Annual Meeting in Liverpool in 1962, and come into force at the conclusion of the present Annual Meeting. Your Executive proposes that the annual subscription for elected members of the Conference shall be one guinea.

OFFICERS AND EXECUTIVE OF THE CONFERENCE.—Your Executive has nominated the following Officers for 1963–64.

Chairman: W. Mitchell; *Honorary Treasurer:* J. M. Rowson; *Honorary General Secretaries:* E. F. Hersant and D. Train.

In accordance with Rule 6 the Executive has nominated the following nine persons for election by this meeting as members of the Executive: A. H. Beckett, G. Bryan, S. Durham, D. W. Hudson, C. A. Johnson, J. J. Lewis, H. D. C. Rapson, E. Shotton and G. Sykes.

No other nominations have been received.

Further, in accordance with the revised constitution the following five past-Chairmen will serve on the Executive:—H. Treves Brown, W. H. Linnell, D. C. Garratt, J. C. Hanbury and H. G. Rolfe.

The above persons together with the President of the Conference (the President of the Pharmaceutical Society of Great Britain), 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 1963–64.

ACKNOWLEDGMENTS.—The Executive wishes to record thanks to the Chairman, Officers and Members of the London 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. T. Reid proposed the acceptance of the report and the election of officers for the Conference for the ensuing year. Mr. S. Powlson seconded.

Dr. W. Mitchell thanked the Conference on behalf of the newly-elected officers.

TREASURER'S REPORT

During the financial year ended December 31, 1962, the Local Committee Fund loan of £250 was repaid by the Liverpool Local Committee. This Fund was not called upon by the London Local Committee. A donation of £50 was received from the Liverpool Local Committee which was much appreciated.

For the first time a grant was made to a young author of a Science Paper to enable him to attend the Conference at Liverpool.

The subscriptions of the elected members, including a composition fee from the Pharmaceutical Society of Northern Ireland, amounted to £215 and were credited to the account of the *Journal of Pharmacy and Pharmacology*.

J. M. ROWSON,
Honorary Treasurer.

PLACE OF MEETING FOR 1964

Mr. E. Knott on behalf of the Edinburgh and S.E. Scottish Branch of the Society extended an invitation to hold the Conference in Edinburgh in 1964. Mr. J. G. Coleman proposed that the invitation be accepted, and the President seconded. The vote was put to the meeting and unanimously carried.

VOTE OF THANKS TO CHAIRMAN

Mr. H. Burlinson proposed a vote of thanks to the Chairman.

Dr. A. R. Rogers seconded. The vote was put to the meeting by the President and carried with acclamation.

Mr. Rolfe briefly responded.

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BRITISH PHARMACEUTICAL CONFERENCE

Inaugural Meeting held at Newcastle upon Tyne in 1863*

Years	Places of Meeting	Chairmen	Local Secretaries
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	CHELTONHAM ..	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
1930	CARDIFF ..	J. T. HUMPHREY	V. E. HANNA
1931	MANCHESTER ..	J. H. FRANKLIN	J. MURRAY
1932	ABERDEEN ..	H. SKINNER	R. G. EDWARDS
1933	LONDON ..	C. H. HAMPSHIRE, C.M.G., M.B., B.S., B.Sc., F.R.I.C.	H. M. DUGAN
1934	LEEDS ..	C. H. HAMPSHIRE, C.M.G., M.B., B.S., B.Sc., F.R.I.C.	H. N. LINSTAD
1935	BELFAST ..	F. W. CROSSLEY-HOLLAND, L.M.S.S.A.	G. C. CRUMMACK
1936	BOURNEMOUTH ..	H. DEANE, B.Sc., F.R.I.C.	J. F. SIMON
1937	LIVERPOOL ..	T. E. LESCHER, O.B.E.	D. L. KIRKPATRICK
1938	EDINBURGH ..	J. RUTHERFORD HILL, O.B.E.	V. J. SCAMPTON
1939	BIRMINGHAM ..	J. RUTHERFORD HILL, O.B.E.	W. E. HUMPHREYS
1940	LONDON ..	H. HUMPHREYS JONES, F.R.I.C.	C. G. DRUMMOND
1941	LONDON ..	A. R. MELHUISE	D. J. RUSTON
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., 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.	E. GEORGE
1960	NEWCASTLE UPON TYNE	W. H. LINNELL, D.Sc., Ph.D., F.R.I.C.	M. H. THOMAS
1961	PORTSMOUTH ..	D. C. GARRATT, D.Sc., Ph.D., F.R.I.C.	D. F. SMITH
1962	LIVERPOOL ..	J. C. HANBURY, M.A., B.Pharm., F.R.I.C.	A. MCGUCKIN
1963	LONDON ..	H. G. ROLFE, B.Sc., F.R.I.C.	N. L. BANKS
			D. L. REES
			K. R. CAPPER

* For details of Presidents and Local Secretaries prior to 1923 see Report of Proceedings for 1962.

Honorary Treasurers (One)

1863 to 1870, H. B. BRADY, F.R.S.	1934 to 1936, T. E. LESCHER, O.B.E.
1870 to 1877, G. F. SCHACHT	1936 to 1940, A. R. MELHUISE
1877 to 1884, C. EKIN	1940 to 1947, T. MARNES
1884 to 1888, C. UMNEY, F.I.C.	1947 to 1952, G. R. BOYES, L.M.S.S.A., B.Sc., F.R.I.C.
1888 to 1890, W. MARTINDALE	1952 to 1953, H. DAVIS, C.B.E., B.Sc., Ph.D., F.R.I.C.
1890 to 1893, R. H. DAVIES, F.I.C.	1953 to 1958, H. TREVES BROWN, B.Sc.
1893 to 1898, J. MOSS, F.I.C.	1958 to 1962, H. G. ROLFE, B.Sc., F.R.I.C.
1898 to 1912, J. C. UMNEY	1962 to , J. M. ROWSON, M.Sc., Ph.D., F.L.S.
1912 to 1925, D. LLOYD HOWARD, J.P.	
1925 to 1927, R. R. BENNETT, B.Sc., F.R.I.C.	
1927 to 1934, F. W. CROSSLEY-HOLLAND, L.M.S.S.A.	

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. CARTEIGHIE	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.	

REPORT OF PROCEEDINGS

BRITISH PHARMACEUTICAL CONFERENCE

INCOME AND EXPENDITURE ACCOUNT, 1962

<i>Expenditure</i>	£	s.	d.	<i>Income</i>	£	s.	d.
Gavel—memento to Host Branch ..	9	10	0	Interest on 2½% Consols ..	40	5	0
Replica of Chairman's Badge, engraving, etc. ..	7	19	3	Interest on 3% Savings Bonds ..	6	0	0
Engraving Sports Trophies ..	10	0		Interest on 3% Exchequer Stock ..	15	0	0
Secretaries' Expenses ..	62	10	5	Interest on Bank Deposit Account ..	4	18	10
Expenses of Speakers ..	50	17	2	Donation from Pharmaceutical Society of Northern Ireland ..	25	0	0
Honorarium to Conference Lecturer ..	26	5	0	Donation from Pharmaceutical Society of Ireland ..	25	0	0
Income Tax ..	25	5	8	Liverpool Local Committee Donation ..	50	0	0
Cheque Book ..	—	—	—	Deficit carried to Accumulated Fund ..	36	11	0
Expenses of Young Author of Conference Paper ..	19	17	9				
Surplus carried to Accumulated Fund ..	—	—	—				
	£202	15	3		£202	15	3

BALANCE SHEET AT DECEMBER 31, 1962

<i>Liabilities</i>	£	s.	d.	<i>Assets</i>	£	s.	d.
Accumulated Fund, as at 31.12.61 ..	2,069	0	4	Investments at cost:			
Deduct: Deficit, 1962 ..	36	11	5	£1,610 2½% Consols ..	1,250	0	0
(Add: Surplus, 1961)				200 3% Savings Bonds 1960-70 ..	200	0	0
	2,032	8	11	£500 3% Exchequer Stock 1962-63 ..	473	4	10
				(Total market value at December 31, 1962: £1,401, 1961: £1,253)			
Creditor ..		10	6		1,923	4	10
Local Committee Fund ..	250	0	0	Stock of Replicas (3) of Chairman's Badge ..	22	1	0
				Loan to Local Committee ..	-	-	-
				Cash at Bank—			
				Deposit Account ..	340	4	4
				Less: Overdrawn on Current Account ..	2	10	9
					337	13	7
	£2,282	19	5		£2,282	19	5

Audited and found correct

T. HESELTINE
T. C. DENSTON

April 30, 1963

BRITISH PHARMACEUTICAL CONFERENCE

REVISED CONSTITUTION AND RULES*

1. The British Pharmaceutical Conference is an organisation associated with the Pharmaceutical Society of Great Britain, which exists for the purpose of discussing subjects relative to the science of pharmacy, promoting friendly reunion among pharmacists and those interested in pharmacy and generally furthering the objects sought to be obtained under the Royal Charters granted to the Pharmaceutical Society of Great Britain. The Conference shall meet annually.

2. The Conference shall consist of:

- Fellows, members, honorary fellows, honorary members and registered students of the Pharmaceutical Society of Great Britain;
- members of the Pharmaceutical Society of Ireland and members of the Pharmaceutical Society of Northern Ireland while these Societies remain associated with the Conference and pay annual contributions to the Conference in lieu of individual subscriptions from their members;
- elected members.

3. Elected members are those persons at home and abroad interested in subjects relative to the science of pharmacy who, not being members of the Pharmaceutical Society of Great Britain or one of the other Societies associated with the Conference, have been elected by the Executive.

* To take effect from September 7, 1963.

REPORT OF PROCEEDINGS

Proposals for membership by election must be made in the form approved by the Executive Committee and must be signed by three members of the Conference who recommend the candidate as a fit and proper person to be associated with the Conference.

4. The Officers of the Conference shall consist of a President, a Chairman, an Honorary Treasurer and two Honorary General Secretaries.

The President of the Pharmaceutical Society of Great Britain shall be the President of the Conference; the other officers of the Conference shall be nominated by the Executive Committee, and the nominations shall be subject to the approval of the annual meeting of the Conference.

5. The Executive Committee of the Conference shall consist of the Officers of the Conference, five past-Chairmen who have most recently filled the office of Chairman, together with three persons nominated by the Council of the Pharmaceutical Society of Great Britain and nine other members 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 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. Student members may not be members of the Executive Committee.

6. Of the nine other members of the Executive Committee for whom provision is made in Rule 5, three shall retire each year in accordance with seniority of service or otherwise as may be decided at the annual meeting of the Conference. Such retiring members shall be ineligible to serve again until after the lapse of one year. The vacancies so created shall be filled by election at the annual meeting of the Conference. Nominations shall be made by the Executive Committee, due regard being paid to the desirability of securing representation of the various branches of pharmaceutical practice and its associated scientific disciplines. Nominations may also be made by any five members of the Conference, in writing, to the Honorary General Secretaries at least 28 days before the commencement of the annual meeting. In the event of there being more nominees than vacancies a ballot shall be held in accordance with arrangements to be made by the Executive Committee. Any casual vacancy shall be filled by co-option.

7. The Chairman of the Conference shall *inter alia* give the inaugural address, preside over the scientific meetings and take the chair at the meetings of the Executive Committee.

8. Non-members of the Conference may attend the annual meeting of the Conference only as guests of members or at the invitation of the Executive Committee. They may not vote at any business session of the Conference. The Executive Committee may, however, decide that attendance at any particular session or function is to be restricted to members of the Conference. Student members of the Conference may not vote at any business session of the Conference.

9. Elected members shall pay an annual fee which will be decided from time to time by the Executive Committee. Subscriptions shall become due on January 1, and membership shall cease if subscriptions are not paid by June 1.

10. By arrangement with the Pharmaceutical Society of Great Britain, the transactions of the Conference are published in the *Journal of Pharmacy and Pharmacology*. Members of the Conference may obtain copies of the Journal on preferential terms.