

THE SECTIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

Abstracts of the minutes of the sessions held in Baltimore, May 5 to 9, 1930. (See also report of Scientific Section in July issue of the *JOURNAL* which contains the Chairman's address, the Secretary's report and other reports of the Sections. The reasons for non-inclusion of the complete minutes are explained.)

The minutes herewith of the Scientific Section deal chiefly with the titles of the papers. The discussions on the papers will be given when the papers are printed. Papers read by title and on which there was no discussion are so reported.

SCIENTIFIC SECTION.

The First Session of the Scientific Section A. PH. A. was convened at 2:00 P.M., May 7th, by Chairman H. A. Langenhan. Vice-Chairman Swanson presided while Chairman Langenhan delivered his address. This is printed in the July number, and also the report of the Committee on the Chairman's Address consisting of Messrs. Taylor, Youngken and McClosky.

The Secretary's report was printed in the July number, also the report of the Committee on Review of Papers and of the Committee on Requirements for Membership.

In the latter connection James A. Munch said that while the conclusions of the Committee were not unexpected he thought that it was a step in the right direction to prescribe qualifications for membership in the A. PH. A. and in its sections.

Chairman John C. Krantz, Jr., reported verbally for the Committee to contact with the National Conference on Pharmaceutical Research. He said there had been continuous co-operation between the officers of the Scientific Section and of the National Conference on Pharmaceutical Research. The report was accepted.

Chairman Langenhan appointed the following as members of the Committee on Nominations: Bibbins, Zeigler and Terry.

The following papers were presented:

"The Analysis of Ethylene and Diamine and Theophyllin," by Philip W. Schmitt.—Discussion.

"The Phytochemical Study of Hydrastis," by H. A. Langenhan and Edwin Gillis.—Discussion.

"Reaction of Bismuth Magma, N. F. V.," by K. W. Smith and R. E. Schoetzow.—Discussion.

"Laboratory Notes on Alcohol Determinations," by R. E. Schoetzow.—Discussion.

"A Statistical Study of the Pharmacopœial Constant of Oleum Chenopodii," by James C. Munch and Wm. F. Reindollar.—Discussion.

"Further Studies on Viburnum," by Heber W. Youngken, James C. Munch and Florein J. Amrhein.—Discussion.

"Further Studies on the Salvarsans and Related Compounds," by C. N. Myers.—Discussion.

"The Preparation of A. A. Diamino Pyridine," by E. C. Billheimer and W. G. Christiansen.—Discussion.

"The U. S. P. Strophanthus Standard," by L. W. Rowe.

"The Application of Statistical Methods to Pharmaceutical Research. I. Measures of Accuracy," by James C. Munch.

"The Application of Statistical Methods to Pharmaceutical Research. II. Correlation Co-efficients," by James C. Munch.

"Bio-assay of Capsicums and Chillies. II. The Pungency of Oleoresins Prepared with Various Solvents," by James C. Munch.

"The Studies on Alkali Bismuth Tartrates from the Chemical and Biological Standpoint," by A. E. Jurist and W. G. Christiansen.—Discussion.

"Corrosion of Metals by Iodine," by B. L. Meredith and W. G. Christiansen.—Discussion.

"Use of Barium Oxide for the Dehydration of Alcohol," by B. L. Meredith and W. G. Christiansen.—Discussion.

There was no discussion on the following papers:

"Arsenic Determination in Bismuth and Barium Salts," by L. W. Green and R. E. Schoetzow.

"The Chemical and Biological Assays of Oleum Chenopodii," by Wm. F. Reindollar and James C. Munch.

The following papers were read by title:

"Physics in Pharmacy, Part III, on Unusual Drops and Bubbles," by John Uri Lloyd, Wolfgang Ostwald and Walter Haller.

"The Department of Camphor, Monobromated, in Reference to Compressed Medicinal Tablets," by George E. Éwe.

"The Market Quality of Pharmaceutical Raw Materials," by George E. Éwe.

"Comments Pertinent to the Coming Revisions of the U. S. P. and N. F.," by George E. Éwe.

"The Preparation of 3-Carbamido-4-Hydroxyphenylarsonia Acid," by W. G. Christiansen and A. E. Jurist.

"A Comparison of the p_H of Neoarsphenamine and Sulpharsphenamine in Relation to Differences in Their Structure," by A. E. Jurist and W. G. Christiansen.

"The Preparation of Propadiene Free of Toxic Impurities," by Wm. A. Lott and W. G. Christiansen.

"A Study of Ethanolamine Soaps," by Wm. A. Lott and W. G. Christiansen.

"A Study of Coconut Oil Soap and Soaps of Its Various Fatty Acids," by Wm. A. Lott and W. G. Christiansen.

"Vapor Pressure of Dichlor Ethyl Ether," by B. L. Meredith and W. G. Christiansen.

"Purification of Dynamite and Saponification Grade Glycerin," by A. E. Briod and W. G. Christiansen.

"A Study of the Darkening of Cod Liver Oil in the Presence of Iron," by A. E. Briod and W. G. Christiansen.

"Examination of the Fatty Oil of Echinacea," by S. H. Culter and Edward Kremers.

"Emulsions," by C. O. Lee and Edward Kremers.

"The Interaction between Thymoquinone and Potassium Sulphite," by W. W. F. Enz and Edward Kremers.

"Plant Breeding Experiments with the Genus Aconitum, Plates 12-15," by William J. Bonisteel.

JOINT SESSION SCIENTIFIC SECTION AND SECTION ON PRACTICAL PHARMACY AND DISPENSING.

The Joint Session of the Scientific Section and the Section on Practical Pharmacy and Dispensing was called to order by Chairman H. C. Newton of the Section on Practical Pharmacy and Dispensing.

The following reports were presented and accepted by the Joint Session:

Report on the United States Pharmacopœia, by E. Fullerton Cook.

Report on the National Formulary, by E. N. Gathercoal.

Report of the Committee on Unofficial Standards, by E. N. Gathercoal.

The session was then turned over to Chairman H. A. Langenhan of the Scientific Section.

The following reports by the respective chairmen were presented and accepted:

Report on the Committee on Ebert Prize, by Glenn L. Jenkins.

Report on Pharmaceutical Recipe Book, by J. Leon Lascoff.

Report on Glass Standardization, by H. V. Army.

A paper on "The Extent of Use of Familiar Pharmacopœial Products," was presented by E. Fullerton Cook and Harvey P. Frank.

The Joint Session of the Scientific Section and the Section on Practical Pharmacy and Dispensing was then adjourned.

SECOND SESSION.

The Second Session of the Scientific Section was called to order by Chairman Langenhan, May 8th, at 2:00 P.M.

Papers were then presented in the following order:

"The Important Factors of Digitalis Standardization with a New Method of Assay," by Wm. I. Nyiri and Louis DuBois.—Discussion.

"Comparative Pharmacology of Iodine and Mercurochrome," by David I. Macht.—Discussion.

"Pharmacological Comparison of Twenty-Three Isomeric Octyl Alcohols," by David I. Macht and Harriett P. Leach.—Discussion.

"A Study of the Action of Phenylpropanolamine upon the Blood Sugar of Rabbits," by John C. Krantz, Jr., and Walter H. Hartung.—Discussion.

"Certain Aspects on Carbohydrate Metabolism," by John C. Krantz, Jr.—Discussion.

"The Pharmacology and Pharmacognosy of the Cactacea. II. The Action of Certain Species upon the Central Nervous System," by James C. Munch and H. H. Crosbie.—Discussion.

"The Physiological Potency of Commercial Ergot Preparations," by Wm. T. McClosky, M. R. Thompson and N. G. Barbella.—Discussion.

"The Effect of Stabilizers in Lard in Relation to Its Use in Ointment of Potassium Iodide N. F. V.," by Wm. J. Husa.—Discussion.

"Hydrolysis of Arsenous Iodide," by Wm. J. Husa.—Discussion.

"Some Organic Antiseptics," by Fitzgerald Dunning.—Discussion.

The following papers were presented without discussion:

"The Stabilization of Solution of Arsenous and Mercuric Iodide, U. S. P. X," by Wm. J. Husa and W. W. F. Enz.

"The Pharmacology and Pharmacognosy of the Cactacea. III. The Action of Certain Species upon the Heart," by James C. Munch and H. H. Crosbie.

"Comparative Assays of Cannabis and Jamaica Dogwood upon Dogs and Rabbits," by James C. Munch.

"Alopecia among Animals Resulting from Thallium Poisoning," by F. E. Garlough and Justus C. Ward.

"Colorimetric Method for Assay of Ergot," M. I. Smith.

"A Potentiometric Assay of Cinchona Bark," by John C. Krantz, Jr.

"A Progress Report on the Estimation of Ethyl Nitrite in Copaiba Mixture, N. F.," by W. G. Crockett, W. M. Frayser and G. V. Thompson.

"Further Studies upon the Masking of the Apparent Bitterness of Strychnine," by Justus C. Ward and James C. Munch.

"The Citric Acid Assay of Solution of Magnesium Citrate," by H. V. Arny and Hugo H. Schaefer.

The following papers were read by title.

"U. S. P. Biological Assay of Cod Liver Oil, Present and Future," by John F. Anderson.

"The Quality of Tincture of Aconite," by H. B. Haag and L. W. Hawkins.

"Studies on the Toxicity, Absorption and Elimination of Nupercain," by W. R. Bond and N. Bloom.

Chairman Langenhan called for the report of the Committee on Monographs. The report is published in the July number. It was voted to accept the report and adopt the recommendations with the exception of the sixth section, which was left to the Committee for decision.

The report of the Committee on the Chairman's address was read. It is printed in the July number of the JOURNAL.

The Committee on review of papers was appointed by Chairman Langenhan. The members are: Messrs. Jenkins, Swanson and Husa.

The Committee on Nominations presented the following names for officers of the ensuing year:

Chairman, E. E. Swanson, Indiana; *First Vice-President*, L. E. Warren, District of Columbia; *Second Vice-Chairman*, Wm. J. Husa, Florida; *Secretary*, L. W. Rowe, Michigan; *Delegate to the House of Delegates*, H. A. Langenhan, Washington.

The officers named were then elected in due order and the Scientific Section was then adjourned.