

THE SECTIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

The papers of the Sections were numbered at the request of the Local Committee to assist in an effort to flash titles of papers being read in different sections at the same time. See the official program. Designations were as follows: Scientific Section, Sc.; Education and Legislation, E.; Practical Phar-

macy, Ph.; Hospital Pharmacy, Hosp.; Pharmaceutical Economics, PEc.; Historical Pharmacy, Hi.

An abstract of the proceedings of the Sessions held in the Shirley-Savoy Hotel, Denver, Colo., follows and the papers presented will be published in the JOURNAL throughout the year.

THE SCIENTIFIC SECTION

The First Session of the Section was called to order at 2:10 p. m., August 18, Chairman W. H. Hartung presiding.

CHAIRMAN'S ADDRESS.—Second Vice-Chairman L. W. Hazleton presided while Chairman Hartung read his address which was received.

"These are grim times. We feel ourselves helpless as we are swept along by the calamitous events of the day. We are puzzled by the insane chaos in which civilization now finds itself. Yet in this we are firmly resolved: Our cause is just and we will exert every erg of energy that our side may triumph.

This tragic background of world conditions permeates the spirit of our Denver convention. Nothing that I might say could change that picture. That can be done only by work and prayer.

Under the circumstances, then, there is nothing for your chairman to say at an occasion like this except to refer briefly, even at the risk of seeming trite, to the biggest problem that confronts us, the winning of the war, in order that future meetings may be assured. Total war is our job now, not only for us as individuals and citizens of these United States but also for us as members of the Scientific Section of the AMERICAN PHARMACEUTICAL ASSOCIATION. Our first concern must be for the victory of our forces and of our ideals.

I have, therefore, but one suggestion at this time. Let us as an organized group, as well as individuals, put our services, our talents and our facilities at the disposal of our Country. I have no idea how this may best be done. Perhaps the officers of the ASSOCIATION, or possibly a committee appointed by the Section, should speak for us. We should make ourselves available to such bodies as the National Defense Research Council, the National Research Council, the National Roster for Scientific Personnel. We must not wait to be called. We must volunteer. I believe the pharmaceutical scientist has something to offer the Nation at this time."

SECRETARY'S REPORT.—Secretary F. E. Bibbins read the following report which was received.

"Your secretary offers the following report:

The call for papers was sent out early in the year to about three hundred members who have from time to time contributed to our program. The date for closing was set for May 15, but due to the uncertainty as to whether the scheduled meeting would be held, there was considerable delay and the program was finally closed July 16.

On account of the comparatively small number of papers it was decided it would not be necessary to hold the subsection which we have allowed for several years.

The authors have coöperated fully with the secretary's office in supplying abstracts as you will note the mimeographed copies of the abstracts distributed at the meeting contain abstracts of all the papers but one. This is a record never before accomplished.

The secretary has attempted to learn from the authors whether the papers were to be presented in person or by title, and while the program indicates many papers to be presented by title there may be others to add to this list who had hoped to be with us in this meeting, and whose papers likewise will have to be presented by title.

The secretary also wishes to acknowledge the coöperation which he has received from the chairman of the Section and officers of the A. PH. A."

BOARD OF REVIEW OF PAPERS.—Chairman Bibbins presented the following report which was received.

"This Committee has functioned throughout the past year, not only reviewing papers which were presented at the Scientific Section meeting before publication, but the Committee has also reviewed many other papers on Scientific subjects which were submitted during the year to Editor Powers for publication in the Scientific Journal.

Up to August 1, the Committee has reviewed 116 papers. A large percentage of these papers were passed for publication while others were referred to the authors for changes. Probably the most important changes recommended were that the papers be rewritten and reduced in length. In most cases the authors coöperated with this Committee in making the changes suggested.

The chairman wishes to acknowledge the coöperation received from Editor Powers in this work."

COMMITTEE FOR THE STUDY OF THE REORGANIZATION OF THE SCIENTIFIC SECTION.—Chairman J. M. Dille reported temporarily that the Committee had not completed its work and recommended that it be continued. The hope was expressed that a plan for reorganization might be presented in 1943. Chairman Dille recommended that the Committee for the Study of the Reorganization of the Scientific Section and the Committee on Acceptance of Papers be combined. This recommendation was adopted.

COMMITTEE ON NOMINATIONS.—Chairman Hartung appointed the following: *Chairman*, D. M. Copley; C. W. Bauer, and H. G. O. Holck.

PRESENTATION OF PAPERS.—Following the appointment of the Committee on Nominations, the papers listed below were presented.

"A New Mercury Derivative of Saccharin (Mercuri-Saccharin)," Harry J. Pratt and J. Howard Graham.

"Fluorine Substituted Aromatic Acids," George P. Hager and E. B. Starkey.

"The Chemical Determination of Thiamine in Pharmaceutical Preparations," Ernst R. Kirch and Olaf Bergeim.

"Determination of Nicotinic Acid and Sodium Nicotinate," Lewis E. Harris and Beatrice I. Duis.

"A Semi-micro Kjeldahl Apparatus," Bartlett T. Dewey and Norman F. Witt.

"A Quantitative Method for the Determination of Mixtures of Barbital and Phenobarbital," Bartlett T. Dewey and Wesley E. Scott.

"Derivatives from Hydrogenated Castor Oil II: Glycol Esters of 12-Hydroxystearic Acid," Saul A. Bell and Abraham Taub.

COMMITTEE ON SELECTION OF PAPERS FOR SCIENTIFIC SECTION.—In the absence of the Chairman, Dr. Burlage, Dr. Lynn read the report of this committee which was received.

PRESENTATION OF FURTHER PAPERS:

"Photoelectric Measurement of Vitamin B₆ in Pharmaceutical Materials and Products," Walter G. Christiansen and William S. Jones.

"Colloidal Silver Sulfonamides," Milton Wruble.

"Assay of Oregon Ergot," B. E. Christensen, E. T. Stuhr and Edgar Wong.

"The Utility of Determination of Numbers and Dimensions of Glandular Scales in *Mentha* Species," L. D. Edwards and G. M. Hocking.

"Studies with *Nepeta Glechoma* II," J. Howard Graham and Louise M. Bitto.

The First Session adjourned at 3:30 p. m.

SECOND SESSION

The Second Session of the Scientific Section was held on Wednesday, August 19, at 9:40 a. m., Chairman Hartung presiding.

COMMITTEE ON EBERT PRIZE.—Secretary Bibbins read the report of this Committee and announced that the prize would be awarded at the Third General Session. (See page 380.)

COMMITTEE ON KILMER PRIZE.—Secretary Bibbins read this report and announced that the Kilmer Prize would also be awarded at the Third General Session. (See page 380.)

PRESENTATION OF PAPERS.—The papers listed below were presented at this Session.

"The Evaluation of Cathartic Action II: Senna, Cascara, Aloe, and Bile Salts," Lloyd W. Hazleton and Frank Fortunato.

"The Comparative Rates of Gastro-Intestinal Absorption of Barbital, Sodium Barbital and Elixir of Barbital," Victor P. Seeberg and James M. Dille.

"The Effects of Life Cycle Therapeutic Dosage Administration of Drugs to Albino Rats," Lloyd L. Boughton and O. O. Stoland.

"The Pharmacological Action of Methylamino-Iso-Octene (Octin) I: The Action on Blood Pressure," R. P. Ahlquist.

"Effects of Age, Sex, Castration and Interval of Time After Parturition Upon the Ability of the Albino Rat to Build Up Tolerance to and Detoxify Sodium Pentobarbital and of Age Upon the Safety Margin with Vinobarbital Sodium (Sodium Delvinal)," Drs. Holck, Mathieson, Weeks and Duis.

"Barbituric Acid Derivatives: Relationship between Action on Smooth Muscle and Frog's Heart, and Chemical Structure," C. E. Powell, H. M. Lee and Edward E. Swanson (read by title).

"Synthetic Derivatives of Strophanthidin," K. K. Chen and Robert C. Elderfield.

"The Alkaloids of *Luniasia Amara* V_{ar.} *Costulata*," Frank A. Steldt and K. K. Chen.

"Rat as Suitable Animal for Study of Prolonged Medication," Robert C. Anderson, Francis G. Henderson and K. K. Chen.

"Studies on the Barbiturates XXVI. Further Contributions on the Determination of Barbiturates in Urine," Melvin W. Green, F. P. Veitch and Theodore Koppanyi.

"The Biological Assay of a New Preparation of *Convallaria Majalis* Leaves Using Pigeons," James R. Weeks and Harald G. O. Holck.

"Studies on the Essential Elimination of Strychnine," Lloyd W. Hazleton and Frank Fortunato.

"Viburnum Studies XII," James C. Munch and Heber W. Youngken.

"Viburnum Studies XIII. Further Studies on Bioassays," James C. Munch and Harry J. Pratt.

"An Investigation of *Viburnum Opulus*," C. H. Costello and E. V. Lynn.

"Quinine Allergy: Quinine and Quinine Derivatives," Herbert M. Cobe.

The Session then adjourned.

THIRD SESSION

The Third Session of the Scientific Section was convened on Thursday, August 20, at 2:05 p. m., by Chairman Hartung.

PRESENTATION OF PAPERS.—The following papers were read:

"Behavior of Solutions of Morphine Salts when Stored in Tin Containers," Walter G. Christiansen and A. E. Jurist.

"A Single Dose Emergency Hypodermic Unit," J. D. Hulsmann and F. W. Nitardy.

"The Assays of the Powdered Extracts of Certain Solanaceous Drugs," H. V. Gilliland, K. L. Kaufman and H. Bang.

"Studies of the Variations in Solutions of Sodium Morrhuate," Howard P. Jensen and Paul J. Jannke.

"A Comparison of Two Methods for Evaluating the Relative Efficacy of Disguising Agents for Distasteful Drugs," W. Arthur Purdum.

"Purified Mineral-Free Water for Pharmaceutical Purposes," J. W. E. Harrison, R. J. Myers and D. S. Herr.

NOMINATING COMMITTEE.—In the absence of Chairman Copley, Dr. H. G. O. Holck of this Committee read the following:

Chairman, C. O. Wilson; *First Vice-Chairman*, Lloyd W. Hazleton; *Second Vice-Chairman*, Justus C. Ward; *Delegate to the House of Delegates*, W. H. Hartung.

There being no nominations from the floor it

was moved and seconded that the report be approved.

PRESENTATION OF PAPERS.—The following papers were presented:

"A Study of the Disinfectant Powers of Certain Astringent Salts and Solutions," Joseph B. Sprowls and Charles F. Poe.

"A Study of the Germicidal and Bacteriostatic Properties of Some Commonly Used Antiseptics in Combination with Astringent Substances," Joseph B. Sprowls and Charles F. Poe.

"A Pharmacognostical Study of Buchu," H. S. Feldman and H. W. Youngken.

"A Phytochemical Study of Devil's Club (*Fatsia Horrida*)," B. E. Christensen and E. T. Stuhr.

"Florida Volatile Oils IV: Sweet Orange," P. A. Foote and Roberto Z. Gelpi.

"Local Anesthetic Action of Some Amino-Phthalic Esters," L. W. Rowe.

"A Histological and Phytochemical Study of the Fruit of *Lomatium Suksdorfii* (Watson)," Tracey G. Call, F. J. Goodrich and Louis Fischer.

"Chlorobutanol in Parenteral Solutions," William H. Luckey and Abraham Taub.

"Preliminary Study of Oils of Cassia," R. C. Darlington and B. V. Christensen.

INSTALLATION OF NEW OFFICERS.—The nominated officers were then declared installed, to act for the coming year. Second Vice-Chairman Justus Ward, the only newly elected officer present, spoke briefly, and the Session was adjourned at 4 p. m.

SECTION ON PRACTICAL PHARMACY

The First Session was convened on Wednesday, August 19, at 9:30 a. m., Chairman W. A. Prout presiding.

CHAIRMAN'S ADDRESS.—Vice-Chairman E. P. Guth took the chair while Chairman W. A. Prout presented the following address:

"Although our attendance is considerably shrunken this year, it is nevertheless a pleasure for your chairman to bid you welcome to the Section on Practical Pharmacy. We shall miss many of those who have contributed so much to our meeting in the past, and I am sure all of us hope that another year may find conditions so much improved that our convention may swing back to its normal tempo. None of us can predict. We can only hope, and while hoping do whatever may come our way to help our country and our profession in the present emergency.

Possibly never before in the history of pharmaceutical practice has the pharmacist been called upon to give such varied service and to keep abreast of such continual changes and substitutions required as a result of World War II. It is an almost im-

possible task in these busy days for the pharmacist and physician to read all of the reports and scientific papers presented in the numerous journals of the two professions. And it is in this connection that I want to bring to your attention the program of the Professional Relations Committee in their effort to develop a closer relationship between physicians and pharmacists, and the supplementary work which we as practical and practicing pharmacists may do to complete, as it were, their efforts. The task of this Committee is to sift all of the material in these journals and act as a veritable 'clearing house' for up-to-the-minute information which will be helpful to both the physician and to the pharmacist, with regard to new remedies which may be used. This is certainly a step in the right direction and deserves high commendation.

But there is still another step which should be taken. There is little doubt that many physicians are unaware that the Practical Edition of the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION even exists. And this is perhaps where those of us engaged in pharmaceutical education might well serve as a 'cog in the wheel' by sug-

gesting to the practicing pharmacists in our community the importance of passing on this information to the physician. It certainly should result in higher regard for the pharmacist in the eyes of the physician—a regard which is so desirable in these days of 'cut-rate' and non-ethical practices. Just as an example of what can be accomplished, it was the pleasure of your chairman to cite Project No. 2—Stainless Synthetic Coal Tar—of the Professional Relations Committee to one of the dermatologists of our city. It is very likely that he will be prescribing this preparation subsequently in place of the messy, dirty coal tar. This, obviously, means an increased prescription business for the pharmacist.

There is still another suggestion which I should like to make in this respect. Since the Professional Relations Committee is more or less 'pre-digesting' all of this material for us, we could profitably spend part of our reading time by following the example of a successful pharmacist who wrote Dr. Swain. I quote: 'I think every pharmacist should be a reader of the *Journal of the American Medical Association*. This is, indeed, the "Doctor's Bible." By reading medical publications regularly, the pharmacist can keep in touch with medical opinion, learn major trends in medical practice and glean a great deal that can help him in his medical contacts. In fact, I have made it a point to let my physicians know that I keep up with medical events. Not infrequently, I am able to call their attention to some medical articles which they have missed. I have had them thank me for being so alert. If some article discusses a special prescription, I make it my business to have the drugs on hand so that the physician may see the preparation as compounded in my store. I can say that I have advanced my position with physicians by being able to carry on an intelligent conversation with them on medical affairs. Frequently medical events can be given an interesting pharmaceutical twist.'

This year many of us have been doing a double duty carrying on for those who have entered the service of our country. Many others of us have spent much time on Civilian Defense work. All this has prevented many of us from engaging in research and unwittingly contributed to the efforts to streamline this convention and shorten our program. We must sharpen our wits and use our time to best advantage for there is much to be done—much research that is needed now—more that is going to be needed.

And to those of you who are teachers, I should like to mention especially the need of clear, calm thinking in dealing with your students. You with your more mature point of view have no doubt been much disturbed about events of the past eight or nine months and have felt the insecurity and uncertainty which surrounds us all. Think then, how much this feeling is intensified in the students who are young, facing they know not what,

and with no sound philosophy to back up their morale. My own experience has been that when they were restless and failed to see the importance of digging in and fortifying themselves with the best possible education and training, that a short lecture or discussion, possibly reading a good short article on the subject, cleared the air and they could get to work and accomplish something.

I should like to express my appreciation to the officers of the Section, especially to Secretary Eidsmoe who has contributed so much time to his office and to the members of the newly created Board of Acceptance and Review who have made this program possible. To those of you who have contributed papers, I extend thanks. I trust that each of you will feel at liberty to discuss the papers after presentation."

SECRETARY'S REPORT.—Secretary Clark T. Eidsmoe presented the following report which was received.

"At the Detroit meeting the Section on Practical Pharmacy adopted a resolution establishing a Board of Acceptance and Review for papers submitted to the Section. This resolution provides that 'all titles submitted by authors shall be accompanied by four copies of an abstract of the proposed paper; this abstract to follow the subject matter closely.' The resolution further requires that the Secretary of the Section submit titles and abstracts of all papers to the Board of Acceptance and Review before they can be accepted for the program. This procedure was followed in making up the 1942 program.

Letters of solicitation were sent by your Secretary to the Deans of all of the Colleges of Pharmacy in the A. A. C. P.; as well as to individuals who have made contributions in the past and to others who have shown an interest in our programs. Chairman Prout also wrote a rather large number of letters asking for papers. Our combined efforts have yielded the 1942 program. Although the number of papers is smaller than in former years, I believe all will agree that their quality has not been reduced in the slightest degree.

I wish to acknowledge the splendid coöperation I have received from Chairman Prout, and from the members of the Board of Acceptance and Review. I also wish to thank those who prepared papers for our program."

PRESENTATION OF PAPERS.—The following papers were presented before the Session:

"Cosmetic Emulsions—Stearic Acid Hand Lotions," Albert H. Musick.

"A Prescription Pricing Survey," Karl J. Goldner and Walter G. Fredell.

"This Business of Detailing the Doctor," J. W. Snowden.

"A Study of the Effect of Hydrogen-Ion Concentration in Certain Ointments and Lotions," Lorraine E. LeMar and Allen I. White.

"The Practical Aspects of Pharmacy and Professional Autonomy," Hazel E. Landeen.

"An Inexpensive Drying Cabinet for Small Scale Pharmaceutical Operations," W. C. MacAuley and H. G. DeKay.

"Aromatic Syrup of Ammonium Chloride," N. F. Sorg and R. A. Kuever.

REPORT OF THE COMMITTEE ON RESOLUTIONS.—The following resolutions were presented and accepted.

"WHEREAS, the Production Detailing project currently sponsored by the Committee on Professional Relations of the AMERICAN PHARMACEUTICAL ASSOCIATION under the chairmanship of Charles Hall Evans, and appearing in the Practical Pharmacy Edition, represents a new approach to the subject of detailing physicians and promises to be most effective in assisting pharmacists to extend and expand their professional services to physicians, be it

Resolved, that the Section on Practical Pharmacy

commends Mr. Evans and his Committee on this project, urges its continuation and further development and recommends that pharmacists make the fullest use of the excellent material which this project makes available.

WHEREAS, the subsection on Hospital Pharmacy, the American College of Pharmacy and the section on Practical Pharmacy have much in common, both as to contents of papers and attendance, be it

Resolved, that a joint meeting of the three be arranged by the secretaries for the next A. Ph. A. meeting."

REPORT OF THE COMMITTEE ON NOMINATIONS.—The following recommendations were made by the Committee: *Chairman*, E. P. Guth; *First Vice-Chairman*, C. O. Wilson; *Second Vice-Chairman*, G. P. Crossen; *Secretary*, R. W. Clark; *Delegate to the House of Delegates*, L. C. Zopf.

The nominees were unanimously elected and the new officers installed.

The Session then adjourned.

SUB-SECTION ON HOSPITAL PHARMACY

The First Session of the Subsection on Hospital Pharmacy was called to order in the absence of Chairman H. A. K. Whitney by Secretary Hazel E. Landeen on Tuesday, August 18, at 2:00 p. m.

SECRETARY'S REPORT.—Vice-Chairman Geraldine Stockert read the following report prepared by Secretary Landeen, and the report was received.

"An evening meeting of the Hospital Pharmacists was called during the Detroit Convention of the AMERICAN PHARMACEUTICAL ASSOCIATION. The purpose of this meeting was to determine the sentiment of hospital pharmacists toward a national organization to be affiliated with the A. Ph. A. The discussion was conducted by Mr. H. A. K. Whitney, Chief Pharmacist at the University Hospital, Ann Arbor, Michigan. The opinions expressed at this meeting proved conclusively that hospital pharmacists favored a national organization and that this organization should be affiliated with the A. Ph. A. The following committee was appointed to draft a constitution for the proposed organization: *Chairman*, Dr. E. J. Ireland; *Geraldine Stockert*, J. Solon Mordell, C. M. McClintock, Hazel E. Landeen. The committee was instructed to draft a constitution for presentation before a meeting of the group on board the steamer *Detroit* on August 22, 1941.

The meeting on the steamer *Detroit* was called to order by Mr. Whitney who asked Dr. Ireland to read the constitution of the proposed organization as prepared by the Committee on Constitution. After the constitution was read, a discussion was held. Mr. Mordell talked on the objectives as

outlined in the first draft of the constitution and suggestions were made. At the suggestion of Mr. Whitney, it was moved and approved that the new organization be called 'The Conference on Hospital Pharmacy' until action was taken by the Council of the A. Ph. A.

For the benefit of those who had not been present at the first meeting, Mr. Whitney outlined the advantages of a national organization of Hospital Pharmacists in affiliation with the A. Ph. A. over those of the existing Subsection on Hospital Pharmacy.

It was proposed by Mr. Whitney that Mrs. Evelyn Gray Scott and Mr. Russell Stimson of Cleveland, Ohio be continued as co-chairmen of the Membership Committee. The suggestion was made that this Committee be enlarged as they see fit.

The matter of organization dues was brought up for discussion, but no decision was reached.

On the motion of Mr. Mordell it was moved that the officers elected at the close of the sessions of the Subsection on Hospital Pharmacy be continued as the officers of 'The Conference on Hospital Pharmacy.'

There being no further discussion relative to the proposed constitution, the meeting was adjourned pending action of the Council until the 1942 Convention at Denver.

The success of the program presented at the Detroit meeting evidenced the interest of hospital pharmacists in the type of research which may be carried on in the hospital pharmacy. It was, therefore, decided to carry on the same theme for this year's program. The Secretary wishes to

thank all those who so kindly consented to prepare papers for this program. She also wishes to acknowledge the cooperation of Chairman Whitney, and Mrs. Scott and Mr. Stimson of the Membership Committee."

PRESENTATION OF PAPERS.—The following papers were presented:

"An Ethical Pharmacy in Retrospect," M. S. Dooley.

"Preservatives—Their Application to Hospital Pharmacy," B. T. Howiler.

"Copper Iontophoresis—Treatments Conducted by the Hospital Pharmacist," L. L. Boughton.

"Applications of 2-Amino-2-methyl-1-3-propanediol in Pharmacy and the Arts," Gordon A. Bergy.

"The Value of Visible Index Records in the Pharmacy," Sister Mary John.

"Plasma Therapy and the Hospital Pharmacist," Evelyn Gray Scott.

"Dietary Considerations in Connection with Drug Administration," L. L. Busse.

"A Survey of Hospital Pharmacy in South Carolina," Leo F. Goodley.

The meeting was then adjourned.

SECOND SESSION

The Second Session convened on Wednesday, August 19, at 2:00 p. m.

PRESENTATION OF PAPERS.—Papers were presented as follows:

"What I Have Learned in Hospital Pharmacy," Mabel M. Newquist.

"Burns and Their Treatment," Sister M. Ludmilla.

"Some Modifications of N. F. Formulæ," L. L. Boughton.

"The Sterilization, Dosage and Local Use of the Sulfonamides," Sister M. Sabina.

"Certified Coloring Agents Apparently Resistant to Photo-Chemical Changes of Liquor Aromaticus Alkalinus," Gordon M. Bergy.

"Collyria Preparation and Other Scientific Developments," L. L. Broodeen.

NOMINATING COMMITTEE.—The Nominating Committee made the following recommendations: *Chairman*, H. A. K. Whitney; *Vice-Chairman*, Donald A. Clarke; *Secretary*, Hazel Landeen; *Treasurer*, Sister M. Ludmilla.

The nominees were elected.

The Session was then adjourned.

SECTION ON EDUCATION AND LEGISLATION

The First Session was called to order by Chairman Lakey on Wednesday, August 19, at 9:00 a. m.

CHAIRMAN'S ADDRESS.—Vice-Chairman Goodrich presided while Chairman Lakey read the following address which was received.

"The 'Sections' of our ASSOCIATION were established fifty-five years ago when the late Joseph P. Remington, as chairman of a special Committee on Management, reported at the 1887 meeting that his Committee recommended the following change in Article 2, Chapter 9 of the by-laws: 'Article II. To expedite and render more efficient the work of the ASSOCIATION, *four sections shall be formed* as follows: 1. Scientific Papers. 2. Commercial Interests. 3. Pharmaceutical Education. 4. Legislation.' Professor Remington said that the reason for recommending the adoption of this change was that 'Heretofore the very important subjects of commercial interests, pharmaceutical education, and the labors of Boards of Pharmacy have received no direct recognition from the ASSOCIATION. Your committee feel that in the past this body has suffered loss in this respect, for we believe that a National Association should be so comprehensive in its scope that every important interest should be effectively represented.'

The Assembly acted favorably upon this recommendation. For a period of two years, separate sections of legislation and education presented pro-

grams. These two sections were finally united into one, and have so continued on down through the years. The establishment of sections to conduct their own programs changed materially the pattern of the annual meetings. At first, the sections acted as a clearing house through which special types of materials were channeled to the ASSOCIATION'S Council. They had the right to accept or reject ideas which were presented at their special meetings. They were given the authority to appoint committees for undertaking specific types of work and a great deal was accomplished in this way. It is noteworthy that a large part of the energy of our Section was spent in securing the enactment of laws to regulate drugstore service and pharmaceutical education. We are all conversant with how far we have traveled in these directions since 1887.

The Section on Education and Legislation formerly occupied an important place at the annual meeting, but as the parent organization broadened its membership, more kinds of people attended the conventions. Their interests were of a diversified character collectively and their work of a specialized nature individually. Our annual meeting eventually became a conglomeration of small conventions of specialists meeting concurrently, with an occasional joint session. That the work of the convention is expedited in this way through the greater ability of experts to interpret, discuss and solve specific problems is admitted.

There is, however, a considerable waste of individual energy and talent in the multiple presentation of practically the same subject matter before several separate organizations. Most of the interest and some of the value of a paper are lost upon its second reading. At present, established names dominate all programs to a large extent. This Section's program is always scheduled for the last two days of the Convention; by that time, most of the members have heard the experts discuss the current educational and legislative problems several times, so that interest and attendance at our sessions suffer. The officers of this section for the past few years have been grateful to the speakers, who were willing to present valuable papers to a handful of people.

If this Section is to continue, there will either have to be greater interest shown by members of other sections and organizations or we will have to obtain a new source of support. To the speaker's mind, there are two ways in which this might be done. First, to return to the Section the authority which it formerly had: to review, to pass upon all matters pertaining to its area of interest. The purpose of this is to provide for the member who is unattached, the practicing retail pharmacist. Second, to solicit papers from and to invite discussions by the unattached pharmacist. This party is commonly a timid soul who shrinks from competing with the highly trained, thoroughly experienced expert. It is natural for him to develop a feeling of inferiority when faced with such an ordeal. History has proved that valuable ideas and constructive plans have originated from unknown and unpossessed individuals. If we provide a special place for him, he may become interested.

It is common knowledge that the greatest weakness of the AMERICAN PHARMACEUTICAL ASSOCIATION is its lack of numerical strength. If our membership is to be increased, it will have to be from this group, as they constitute eighty or more per cent of the registered pharmacists of the United States. The reason given by the average retail pharmacist why he is not a member, or if a member why he does not attend the A. PH. A. convention, is that our programs are without special interest for him. Those who do the work of the convention know that his reasoning is unsound, but he sincerely believes he is right. To convince him that his attitude is wrong, we must provide for him a place

on our program where he will be able to participate to a greater extent without embarrassment. No two activities of the ASSOCIATION would have a greater appeal for him than education and legislation, because both of these have a definite effect upon his economic, social and professional status.

Although the two plans outlined provide for widely different kinds of programs, either one might be the means of rejuvenating this Section. It is patent that after the present emergency has passed, we will need greater numerical strength if we are to serve the national health program and our own interests to the greatest advantage."

PRESENTATION OF PAPERS.—The papers listed below were presented:

"Present and Future Control of Medicinal Items," Frank A. Delgado.

"Opportunities Which Lie Ahead in Official Products," J. K. Attwood.

"The Influence of National Hour and Wage Surveys," John F. McCloskey.

The Session was then adjourned.

SECOND SESSION

The Second Session was convened at 2 p. m. on Thursday, August 19, Chairman Lakey presiding.

PRESENTATION OF PAPERS.—The following papers were presented:

"What Constitutes Military and Naval Pharmacy—Does the Present Pharmacy Curriculum Satisfy These Requirements?" J. E. Griffin.

"What Requirements Will Be Necessary for Men Who Claim Former Experience in the Military Services?" D. B. R. Johnson.

"Vocational Guidance Activity in Colleges of Pharmacy," Edward J. Ireland.

"Facing the Facts in Training Pharmacists for Operating Retail Enterprises," A. Hamilton Chute.

REPORT OF NOMINATING COMMITTEE.—The Committee recommended the following: *Chairman*, E. J. Ireland; *Vice-Chairman*, W. F. Sudro; *Secretary*, Perry O. Clark; *Delegate to the House of Delegates*, R. T. Lakey.

After the installation of officers, the meeting was adjourned.

SECTION ON PHARMACEUTICAL ECONOMICS

The First Session was called to order by the Chairman, Miss B. Olive Cole, on Wednesday, August 19, at 9:30 a. m. Miss Katherine Graham was appointed as Acting Secretary for the Session.

CHAIRMAN'S ADDRESS.—Chairman Cole gave her address and it was received.

In the absence of Dr. C. M. Brown, Mr. B. R. Mull was appointed as delegate to the House of Delegates for the present session.

NOMINATING COMMITTEE.—The Nominating Committee was appointed as follows: *Chairman*, J. F. McCloskey; *Robert W. Rodman*, Ralph Clark.

PRESENTATION OF PAPERS.—The following papers were presented:

"The Retail Industry under the Price Ceiling Order," Frank A. Delgado.

"The Prescription Department as an Economic Factor," B. R. Mull.

"A Complete Understanding of Mercantile Credit Is Essential to the Success of the Modern Pharmacist," George T. Brian, Jr.

"Comparisons Are Not Odious," C. M. Brown.

"An Editor Asks Why," Dan Rennick.

"Pharmaceutical Economy via Pharmaceutical Legislation," George A. Moulton.

SECOND SESSION

The Second Session convened on Thursday, August 20, at 2:00 p. m.

PRESENTATION OF PAPERS.—The following papers were presented:

"The Place of Business Administration Subjects in the Pharmacy Curricula," H. H. Maynard.

"Planning the Merchandising Budget," C. Leonard O'Connell.

"Protecting the Net Profit," Stephen Wilson.

"Have the New Laws Changed the Druggist's Liability?" J. H. Goodness.

"Recording Sales Demand as a Guide to Stocks and Supplies," Alvin H. Jones.

"The Scope of Education Required in Drug Store Economics," D. B. R. Johnson.

"Sales Promotion in Pharmacy," Ralph W. Clark.

NOMINATING COMMITTEE.—The following recommendations were made and adopted: *Chairman* B. R. Mull; *Vice-Chairman*, C. S. Austin; *Secretary*, S. Wilson; *Delegate to the House of Delegates*, B. Olive Cole.

The meeting adjourned *sine die*.

SECTION ON HISTORICAL PHARMACY

The First Session was called to order on Wednesday, August 19, at 9:30 a. m. In the absence of all elected officers, E. H. Niles presided as Chairman *pro tempore*.

PRESENTATION OF PAPERS.—Dr. George Urdang and Dr. Ivor Griffith read papers which were discussed and received.

ELECTION OF HISTORIAN.—Upon motion by Dr. Griffith and second by Mr. Juddish; Dr. George Urdang was unanimously elected as historian.

NOMINATING COMMITTEE.—Dean Uhl and Dr. MacFadden were named as a Nominating Committee.

SECOND SESSION

The Second Session was called to order on Thursday, August 20, at 2:00 p. m., by Mr. E. H. Niles.

REPORT OF THE NOMINATING COMMITTEE.—The Nominating Committee gave the following report:

President, F. D. Stoll; *Vice-President*, Ralph Beinfang; *Secretary*, K. L. Kaufman; *Delegate to the House of Delegates*, L. F. Jones.

The nominees were unanimously elected and the newly elected officers installed.

The Session was then adjourned.