

LOCAL BRANCHES

CITY OF WASHINGTON.

The May meeting of the City of Washington Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held May 19th, in the assembly room of the AMERICAN INSTITUTE OF PHARMACY. President W. Paul Briggs presided.

The minutes of the previous meeting were read and approved.

Dr. E. G. Swann, Chief Pharmacist, United States Navy, was introduced by the president. He read a paper entitled "Pharmacy in the United States Navy." As the greater part of the paper follows, the abstract is omitted from the Secretary's Report.

During the discussion that followed, L. F. Kebler pointed out that at one time in the Navy, there was an Apothecary General in charge. No one seemed to know why this office was abolished.

On questioning Dr. Swann, it was brought out that Pharmacists in the Navy, especially on the smaller ships, have to perform duties similar to those of physicians and minor surgical operations.

The next speaker introduced was Harry Rosen, who read a paper on "History of Pharmacology." Dr. Rosen's paper proved very interesting. He traced the history of pharmacology by steps to the present day, explaining that pharmacology now holds a foremost part in medical science. A discussion of the paper followed.

The last speaker of the evening was Dr. Workman of the United States Public Health Service. Dr. Workman's subject was "Methods of Testing Biological Products."

Dr. Workman stated that all leading Nations have some laws governing biological products. The first laws governing these products were adopted for the District of Columbia, thereafter a Federal law was enacted. In the laws there are provisions for inspectors, mode of inspections and issuing of licenses. Before a license is issued the authorities must be satisfied that the licensee has the proper equipment and personnel. All biologicals must meet certain specifications—they must be sterile, the label must show the name of product, name and address of manufacturer, the license number and expiration date.

Dr. Workman's address was very well received.

Dr. Hilton moved that the secretary write a letter to Dr. Taylor wishing him a speedy recovery. Seconded and passed.

L. E. Warren gave a tentative program for the next meeting which will be on October 18th, and also an outline program for the next year. V. B. NORELLI, *Secretary*.

UNIVERSITY OF FLORIDA, STUDENT BRANCH, AMERICAN PHARMACEUTICAL ASSOCIATION.

The University of Florida Student Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION held a special meeting, Thursday, April 8, 1937, to discuss final plans for our trip to Eli Lilly and Company. President George R. Jones presided at the meeting.

The treasurer, Walter Griffin, reported that thirty-two pharmacy students had paid their transportation for the trip.

Dr. E. J. Ireland, who had been asked to act as faculty advisor and sponsor on the trip, presented the final arrangements, mentioning the different side trips that would be taken between Gainesville, Florida, and Indianapolis, Indiana. He advised that all be present at the hotel in Indianapolis, Sunday night, April 11th, so that any further arrangements could be presented for visiting Eli Lilly and Company on Monday and Tuesday, April 12th and 13th.

A rising vote of thanks was given to George G. Smith, Eli Lilly representative, for his valuable assistance in the arrangements of the trip. BUFORD L. WHITE, *Secretary*.

STUDENT BRANCH, FOR THE YEAR 1936-1937, STATE COLLEGE OF WASHINGTON, PULLMAN, WASHINGTON.

Abstracted from a report by Belle Wenz, Associate Professor of Pharmacy.

The officers serving for the year were: *President*, Leonard Zagelow; *First Vice-President*, Ted Stahlborn; *Second Vice-President*, Gail Howard; *Secretary and Treasurer*, Miss Belle Wenz; *Reporter*, Harold Freed.

The Membership Committee was composed of: Edward Meyer, *Chairman*; John Scheel, Maxine Gumz.

The organization sponsored an alumni breakfast held the morning of Homecoming, October 3rd, at the Golf Club House.

Many interesting speakers appeared on the program during the year. In addition, movies and slides were shown. President M. J. Grady, of the state Pharmaceutical Association, reviewed the progress of pharmacy in the last forty years. Claude Edgren of Colfax, Washington, spoke to the Student Branch on "Experience Teaches Many Lessons." "The Military Side of Pharmacy" was presented by Captain Cohen of the Military Department of the State College. He spoke of the new regulation passed by Congress last year. He explained the qualifications for an appointment, reviewed the commissioned offices available, including salary, promotions and other information.

Ralph Herbison appeared before the group on March 16th. His subject matter was "Biologicals."

The commercial side of pharmacy was brought to the Branch by Max White, who stressed the idea that the business side of the drug store is essential.—Three outstanding ways to make money are: to reduce expense, to increase volume and to sell more merchandise on which the profit is greater.

"The Service a Professional Pharmacy May Render" was the topic chosen by Ben Miller, when he gave an address on April 15th. He has had very fine training with the Hart and Dilatush Exclusive Prescription Store in Spokane.

Rather unusual, but most stimulating was the next speaker to appear before the Student Branch, Mrs. R. L. Harford. Her subject was, "It Is All in Knowing How." Her address was full of practical ideas and advice.

President Peter Brady, of the State Board of Pharmacy, spoke of the work that had been accomplished by the Board of Pharmacy this year. Mr. Harney spoke briefly and referred to the Bumauer-Frank scholarship of \$50.00. The last speaker on the regular program was Paul Perkins, of Eli Lilly & Co.

The movies shown were very educational. One was given by the Owens-Illinois Glass Company. Ray Felt, representative for E. R. Squibb & Company, presented a talking picture to the Branch entitled "This Vitamin Business."

The *Pharmaceutical Echo*, the magazine edited by the Student Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION, was again published by the group. It is a very neat booklet, containing articles by the members of the Pharmacy faculty, students and alumni, showing the progress made not only in the profession but here in the school. Those on the *Echo* staff this year were: *Co-editors*, Creta Kidder and Takeo Torigoe. *Business Manager*, Ray Seaman. *Circulation Manager*, Edward Meyer; *Advertising Manager*, Harold Freed; *Assistant Advertising Manager*, Orion Furness.

The year-end banquet, which is always one of the happy social functions sponsored by the Branch, was held on May 29th. The speaker on the program was F. M. Keville, Northwest District Manager of Eli Lilly & Company. Guests were present from many parts of the Inland Empire. Dean P. H. Dirstine served as *Toastmaster*. Musical numbers were enjoyed by the group. The Seniors in the School of Pharmacy are guests of the association on this occasion, and a pleasant evening is spent together.

The officers for next year are: Harold Freed, *President*; Ray Seaman, *First Vice-President*; Creta Kidder, *Second Vice-President*; Miss Belle Wenz, *Secretary and Treasurer*.

LOCAL A. PH. A. BRANCHES.

Detroit Branch elected the following officers: *President*, Earl Soop; *First Vice-President*, Ernest Collins; *Second Vice-President*, Robert Church; *Secretary*, Bernard A. Bialk; *Treasurer*, Frederick F. Ingram.

Chairman, Program Committee: Dean Roland T. Lakey.

PHILADELPHIA BRANCH, A. PH. A.

The chairmen of the Philadelphia Branch, A. PH. A. are as follows: *Program*, Frank H. Eby; *Membership*, S. H. Kerlin; *Professional Relations*, E. Fullerton Cook; *Entertainment*, R. A. Wentworth; *Practical Pharmacy*, Ambrose W. Hunsberger.—ARTHUR K. LEBER-KNIGHT, *Secretary*.

PROGRAMS.

(In order to expedite the completion of the JOURNAL, the programs are not in regular order, because some copies were necessarily belated—see notes elsewhere.)

SCIENTIFIC SECTION.

Officers.

Chairman, Glenn L. Jenkins; *First Vice-Chairman*, B. V. Christensen; *Second Vice-Chairman*, Justus C. Ward; *Secretary*, F. E. Bibbins; *Delegate to House of Delegates*, H. M. Burlage.

FIRST SESSION.

1. Chairman's Address, Glenn L. Jenkins.
2. Secretary's Report, F. E. Bibbins.
3. Committee Reports.

Board of Review of Papers, F. E. Bibbins, *Chairman*.

Committee on Monographs, E. E. Swanson, *Chairman*.

Committee to Coöperate with the National Conference on Pharmaceutical Research, Arthur Osol, *Chairman*.

Special Committees.

4. Appointment of Nominating Committee.
5. General Business.
6. Papers.

"The Extraction and Estimation of Alkaloids in Toxicological Analysis," by C. O. Wilson and L. W. Rising.

"The Chemistry of Passiflora Incarnata," by Edwin J. Fellows and Clayton S. Smith.

"Assay of Spirit of Camphor," by Samuel W. Goldstein and William F. Reindollar.

"The Detection of CO in Medicinal O₂," by Frederick K. Bell and John C. Krantz, Jr.

"A Further Study of the Assay of N₂O," by Frederick K. Bell, C. Jelleff Carr and John C. Krantz, Jr.

"A Study of Assay Methods for Methylene Blue," by F. A. Maurina and Neulon Deahl.

"Stability of Ipecac Preparations," by Samuel W. Goldstein.

"Solubility and Hydrogen-Ion Concentration of Quinine Salts," by Frederick F. Johnson.

"Stable Supersaturated Calcium Gluconate Solutions," by Glenn L. Jenkins.

"A Rapid and Accurate Method for the Assay of Silver Proteinate," by Margaret C. Swisher.

"The Preparation of Some 2,2,2-Trialkyl Ethanol," by Robb V. Rice, Glenn L. Jenkins and Fitzgerald Dunning.

"Notes on the Stabilities of Atropine and Hyoscyamine in Solution," by H. H. Fricke and K. L. Kaufman.

"Para-Aminobenzenesulfonamide. Notes on the Colorimetric Assay," by Asa N. Stevens and Edward J. Hughes.

"The Solubility Behavior of Lyophile Gelatins," by L. F. Tice.

"Solargentum Solutions—Stability on Aging," by F. N. Van Derlip, R. S. Konnerth and R. E. Schoetzow.

"A Study of the Chemistry of Cascara Sagrada," by Melvin W. Green, C. G. King and George D. Beal. (Lantern.)

"The Hydrolysis of Menthyl Acetate and Acetylated Peppermint Oil. II." by Lawrence H. Baldinger. (Presented by title.)

"Phenolic Derivatives of *p*-Amino Benzoic Acid," by Abraham Taub.

"A Study of the Factors Influencing the Stability of Liquor Magnesii Citratis U. S. P. XI," by George E. Crossen and Charles H. Rogers. (Lantern.)

"Triethanolamine Salts of Fatty Acids," by George W. Fiero.

"Alcohol Content of Extractive Preparations," by E. G. King, Louis Goldberg, R. K. Snyder and E. N. Gathercoal.

"The Quantitative Determination of Volatile Oils in Vegetable Drugs," by Louis Goldberg, R. K. Snyder, E. H. Wirth and E. N. Gathercoal.

"The Assay of Neocincophen Tablets," by Urban Oakdale, R. K. Snyder and E. N. Gathercoal.

SECOND SESSION.

7. Papers.

"A Phytochemical Investigation of *Trillium Erectum*," by Donald C. Grove, Glenn L. Jenkins and Marvin R. Thompson.

"A Phytochemical Study of *Ipomoea Pes-Caprae* (L) Sweet," by Gustav E. Cwalina and Glenn L. Jenkins.

"The Application of Statistical Methods to Pharmaceutical Research. V. How Many Are Enough?" by J. C. Munch. (Lantern.)

"*Cannabis Sativa*. IV. Methods of Detection," by J. C. Munch and H. W. Mantz. (Lantern.)

"The Influence of pH in the Bioassay of Aconite Preparations," by Frank A. Bellman and Marvin R. Thompson.

"Present Status of Aconite Research," by William J. Bonisteel. (Lantern.)

"Penetration of Drugs and Poisons through Normal and Pathological Skin and Mucous Membranes," by David I. Macht. (Lantern.)

"The U. S. P. XI Standard for Tincture Digitalis," by L. W. Rowe and H. W. Pfeifle. (Lantern.)

"The Potency of *Erythrophleum* Alkaloids," by K. K. Chen, C. C. Hargreaves and W. T. Winchester. (Lantern.)

"II. The Potency of Periplocyarin, Bufotalin and Desacetyl-Oleandrin (Desacetyl-Folinerin)," by K. K. Chen, R. C. Anderson and E. B. Robbins. (Lantern.)

"III. The Significance of Sugar Component in the Molecule of Cardiac Glycosides," by K. K. Chen, E. B. Robbins and H. Worth. (Lantern.)

"IV. Comparative Sensitivity of the Toad and the Frog to Cymarin and Coumingine," by K. K. Chen, C. C. Hargreaves and W. T. Winchester. (Lantern.)

"V. The Action of Cardiac Drugs upon the Chromatophores of Toads," by C. C. Hargreaves, W. T. Winchester and K. K. Chen. (Lantern.)

"A Pharmacological Study of *Ustilago*," by William H. Hunt and Marvin R. Thompson.

"The Dose-Response Relationship in the U. S. P. XI Parathyroid Assay," by Lloyd C. Miller. (Lantern.)

"Toxicity in the Leaves of *Rhododendron Californicum*, Hook.: I." by F. A. Gilfillan and Chieko Otsuki. (Presented by title.)

"Evaluation of Cathartics," by Arno Viehöver.

"Properties of *Trichophyton Gypseum*," by Fanchon Hart.

"A Pharmacognostic Study of *Crysanthemum Balsamita* L., var. *tanacetoides* Boiss., Together with a Study of Its Volatile Oil," by Ralph F. Voigt, Charles H. Rogers and Earl B. Fischer. (Lantern.)

"Observations on Three Louisiana Capsicums," by Heber W. Youngken. (Lantern.)

"Chemical and Clinical Aspects of Sodium Perborate Therapy," by L. L. Manchey and S. Lee.

"A Study of *Datura Stramonium*," by Frank H. Eby, Frederick Scholl and David J. Phillips.

"Liquor Antisepticus," by K. S. Howell, Louis Goldberg, R. K. Snyder and E. N. Gathercoal.

"Antiseptic Value and Pharmacology of an Improved Calomel Ointment," by E. E. Vicher, R. K. Snyder and E. N. Gathercoal.

THIRD SESSION.

8. Report of Committee on Ebert Prize, Marvin R. Thompson, *Chairman*.

9. Report of Nominating Committee.

10. Papers.

"Growth Promoting Substances in Plants" by William J. Bonisteel.

"Studies of Lecithin Soaps," by Saul Caspe and L. G. Hadjopoulos. (Lantern.)

"Toxicity of Propylene Glycol," by J. H. Weatherby and H. B. Haag. (Lantern.)
 "A Modified Reddish Cup Technique for Evaluating the Germicidal Activity of Liquid Antiseptics," by Arthur H. Bryan.
 "The Standardization of Ergot—A Comparison of Results Obtained by the Modified Smith Colorimetric, the Cock's Comb and the Broom and Clark Methods of Assay," by Asa N. Stevens. (Lantern.)
 "Stability of Drugs," by Arno Viehöver.
 "The Toxicity of Cyanides," by James C. Munch and Justus C. Ward. (Lantern.)
 "Bio-Toxicology. I. Methods," by James C. Munch. (Lantern.)
 "Bio-Toxicology. II. Animal Tests upon Volatile Substances," by James C. Munch. (Lantern.)
 "The Effect of Certain Barbituric Acid Derivatives as Anesthetics in the Assay of Digitalis by the Cat Unit Method," by William E. Fry and Edward E. Swanson. (Lantern.)
 "A Comparative Study of Two Short Acting Barbituric Acid Derivatives," by Edward E. Swanson and William E. Fry.
 "A Series of Contributions to the Question of the Relation between Chemical Constitution and Local Anesthetic Activity. I," by W. A. Lott and W. G. Christiansen.
 "A Series of Contributions to the Question of the Relation between Chemical Constitution and Local Anesthetic Activity. II," by W. A. Lott and W. G. Christiansen.
 "Homologues of Cyclopropane-Methyl Cyclopropane," by W. A. Lott, W. G. Christiansen and L. F. Shackell.
 "A Comparative Study of the Colorimetric Vitameter and Biological Tests for Vitamin A," by A. Black, R. D. Greene, H. L. Sassaman and C. Sabo. (Lantern.)
 "A New Enteric Coating and a Laboratory Method for Its Control," by A. G. Worton, G. F. Kempf, P. L. Burrin and F. E. Bibbins. (Lantern.)
 "A Critical Study of the Tannin-Bearing Galenicals," by S. W. Arnett and C. O. Lee.
 "Drug Extraction. XIV. The Extraction of Podophyllum," by William J. Husa and Paul Fehder. (Lantern.)
 "Drug Extraction. XV. A Study of Fractional Percolation," by William J. Husa and C. L. Huyck. (Lantern.)
 "Drug Extraction. XVI. The Effect of the Form of the Percolator on the Efficiency of Extraction," by William J. Husa and C. L. Huyck. (Lantern.)
 "Drug Extraction. XVII. Modified Repetition Diaeration," by William J. Husa and C. L. Huyck. (Lantern.)
 "Drug Extraction. XVIII. Modified Diaeration," by William J. Husa and C. L. Huyck. (Lantern.)
 "The Genuine Cardiac Glucosides," by Arthur Stoll. (Presented by title.)

11. Report of Committee on Chairman's Address.
12. New Business.
13. Unfinished Business.
14. Election and Installation of Officers.
15. Adjournment.

SECTION ON HISTORICAL PHARMACY.

Officers.—*Chairman*, Loyd E. Harris, School of Pharmacy, Norman, Okla.; *Secretary*, Edward J. Ireland, School of Pharmacy, Gainesville, Fla.; *Delegate to the House of Delegates*, Heber W. Youngken, Massachusetts College of Pharmacy, Boston, Mass.; *Historian*, E. G. Eberle, 2215 Constitution Ave., Washington, D. C.

A brief Memorial Meeting will be held during the Second General Session. These tributes may be extended during the sessions of the Section on Historical Interests.

HISTORICAL SECTION PROGRAM.

1. "Early American Pharmaceutical Inventions," Charles Whitebread, Assistant Curator, Division of Medicine, U. S. National Museum.

2. "The President of the First Convention Called to Formulate the United States Pharmacopœia—Dr. Samuel Latham Mitchill, 1764–1831," by Dr. Lyman Kebler.
3. "State Pharmaceutical History," Dr. Edward Kremers.
4. "The Unfortunate Drug Experiences of Dante Gabriel Rossetti," by Dr. David I. Macht, Baltimore, Md.
5. "The Story of the Soda Fountain," by Ina Griffith (Apache, Oklahoma), University of Oklahoma, Norman, Oklahoma.
6. "The Authorship of the First Lititz Pharmacopœia," by Dr. C. O. Lee, Purdue University.
7. "The International Pharmacopœia of 1885," by Edward H. Niles, Indianapolis College of Pharmacy.
8. "Dr. Wm. Beaumont—American Physiologist and Pharmacist," by Dr. Edward J. Ireland, School of Pharmacy, University of Florida.
9. "A Comparison between an Early Drug Catalogue and the United States Pharmacopœia," by Dr. Ralph W. Clark, University of Wisconsin.
10. "The History of the School of Pharmacy of the University of Florida." Compiled by Dr. B. V. Christensen, Director of the School of Pharmacy of the University of Florida.
11. "Linnæus—the King of Flowers," Commander Louis H. Roddis, U. S. Naval Hospital, Honolulu.

In addition, Dr. Feinstein and Dr. George Urdang have consented to send and deliver an address, respectively.

SECTION ON COMMERCIAL INTERESTS.

Officers: *Chairman*, R. T. Lakey; *Secretary*, Joseph H. Goodness; *Vice-Chairman*, and Delegate to the House of Delegates, Henry F. Hein.

FIRST SESSION, WEDNESDAY, AUGUST 18, 2:00 P.M.

1. Chairman's Address. R. T. Lakey.
2. Report of the Secretary.
3. Appointment of Committees.
4. Papers.
 - "Principal Causes of Low Profits in Drug Stores," Paul C. Olsen.
 - "Must a Pharmacist Be a Psychologist?" Alice-Esther Garvin.
 - "Taxation: Vertical *vs.* Horizontal," James C. Carstater.
 - "Influential Intangibles," Clarence M. Brown.
 - "Some Uses of Color in a Drug Store," George F. Archambault.
 - "The Importance of the Pharmacist's Allied Professional Services to the Community," John McDonnell.
 - "The Place of the Professional Display in a Drug Store," Medford M. Cooper.
 - "Advertising Professional Pharmacy," Joseph A. Ortolan.
 - "No One Wishes to See a Morgue," Charles Ely.

SECOND SESSION, FRIDAY, AUGUST 20, 2:00 P.M.

- "Fair Trade, Past, Present," Samuel Shkolnik.
- "On Twenty-Five Cigar Counters," Walter Chase.
- "The Chain and Independent Drug Store Situation as Revealed by the Census of American Business," Frank A. Delgado.
- "Law, Economics and Business in Buying a Drug Store," Joseph H. Goodness.
5. Discussions.
 - Is Mass Production of Prescription Specialties Determining the Types of Prescriptions the Druggist Fills?
 - Can We Consistently Sell Remedies for Self-Medication in the Light of Present Status of Medicine?
 - What Are the More Effective Means of Better Enforcement of Fair Trade Laws?

How May We Meet the Price Cutter without Cutting Price?
(Twenty-six other titles are available for discussion if time permits.)

6. Unfinished Business. New Business.
7. Reports of Committees.
8. Election and Installation of Officers.
9. Adjournment. (See also June JOURNAL, page 576.)

PLANT SCIENCE SEMINAR.

See page 572. The following are additional numbers of the program.

TUESDAY, AUGUST 10TH.

9-12 A.M. Meeting at Philadelphia College of Pharmacy and Science.
"Notes Concerning the Relative Toxicity of the Halides of Lithium to Green Mold (Penicillium italicum)," Bernard Melkon.
"How to Retain the Leaves on Mounted Evergreen Specimens," L. F. Jones.
Address—Dr. Edgar T. Wherry, University of Pennsylvania.
2-5 P.M. Horticultural Hall, Fairmount Park, Valley Forge Park, Picnic Supper.
Evening Meeting, at P. C. P. & S.—Movies of Seminars of Other Years, presented by L. K. Darbaker and Others. Exchange of Plant Specimens.

WEDNESDAY, AUGUST 11TH.

Motor to DuPont's famous Longwood Gardens.
Visit to Kimble Glass Plant, Vineland, N. J.
Evening Meeting, Hotel Cumberland, Bridgeton. Discussion of histological and botanical terms, led by P. D. Carpenter, University of Illinois.

THURSDAY, AUGUST 12TH.

All day trip by auto to Cape May Point, Delaware Bay and Beach Flora, Lake Lilly, Cape May City and up the Jersey Coast along the ocean, through Wildwood, Avalon, Ocean City, Atlantic City. The group will break up into smaller units. A Steel Pier Party may be planned.

FRIDAY, AUGUST 13TH.

No scheduled program except for those who wish it. Reach New York City in time for National Conference of Pharmaceutical Research at 2:00 P.M., August 14th.
The foregoing program was arranged by Professors Dunn and Eby and Dr. E. L. Newcomb. Those desiring accommodations should confer with Dr. Marin Dunn at Philadelphia College of Pharmacy and Science.

CONFERENCE OF PHARMACEUTICAL LAW ENFORCEMENT OFFICIALS.

FIRST SESSION, MONDAY, AUGUST 16, 1937, 9:00 P.M.

SECOND SESSION, THURSDAY, AUGUST 19, 1937, 9:00 P.M.

1. Call to Order.
2. Remarks by Chairman, Robert L. Swain.
3. Report of Secretary, M. N. Ford.
4. Report of Finance Committee.
5. Appointment of Conference Committees.
6. Pharmacy Law Enforcement in the Following States:

New Jersey—Robert P. Fischelis
New Hampshire—George A. Moulton
North Dakota—P. H. Costello
West Virginia—Roy B. Cook

New York—George W. Mather
 Mississippi—Lew Wallace
 Maryland—Robert L. Swain
 Connecticut—Hugh P. Beirne
 Massachusetts—Charles W. King
 Rhode Island—A. Norman LaSalle
 Maine—Alfred P. Manson
 Vermont—Fred D. Pierce
 Virginia—A. L. I. Winne

7. The Public's Problem in Pharmacy Law Enforcement in Mississippi, Lew Wallace, Secretary, Mississippi State Board of Pharmacy.
8. An Attempt at More Adequate Regulation of One-Man Drug Stores in Virginia, A. L. I. Winne, Secretary, Virginia State Board of Pharmacy.
9. The Recent Indiana Supreme Court Decision, Albert C. Fritz, Secretary, Indiana State Board of Pharmacy.
10. What Is a Patent or Proprietary Medicine? Robert P. Fischelis, Secretary, New Jersey State Board of Pharmacy.
11. Significant Aspects of the Uniform State Narcotic Act, Robert L. Swain, Secretary, Maryland State Board of Pharmacy.
12. The Necessity for Educating the General Merchant Regarding the Requirements of the State Pharmacy Act, Edward J. Prochaska, Secretary, Minnesota State Board of Pharmacy.
13. Round Table Discussions:
 - Administration of Minimum Equipment Law.
 - Experiences under the Barbituric Acid Laws.
 - Should Boards of Pharmacy Be Limited with Legislative Authority to Refuse Drug Store Permits on Grounds of Public Convenience?
 - Should Boards of Pharmacy Be Empowered with the Enforcement of Laws Which Are Purely Economic as Contrasted with Those of a Public Health Character?
 - Legislation of Interest to Enforcement Officials.

TENTATIVE PROGRAM OF THE
 SECTION ON PRACTICAL PHARMACY
 AND DISPENSING.

"Some Remarks Based upon a Prescription Ingredient Survey," Ralph W. Clark.

"Stability Studies on Certain U. S. P. Spirits," William F. Reindollar.

"A Study of Emulsions," Paul T. Rees.

"The Correction of Incompatibilities in Prescriptions. I," Herbert M. Webb, Wm. J. Husa.

"A Professional Dispensing Problem," W. D. Strother.

"Is the Pharmacist a Poor Merchant Because He Lacks Training in Accounting, Economics and Business Studies?" Ralph R. Kreuer.

"Some Observations on the Use of Objective Examinations in Pharmacy," Lyman D. Fonda.

"Socialized Medicine in Tampa," Frank L. Coniglio.

"A Modified—One, Two, Three Enema," Raymond J. Hansen.

"The Pharmacist and Parenteral Solutions," Sister Crescentia Wise.

"The Rôle of the Pharmacist in Connection with Public Health Work," Benjamin E. Holsendorf.

"Solution of Ferric Chloride Easily Prepared," C. O. Lee and F. J. LeBlanc.

"On Preparing Liquor Cresolis Saponatus," C. O. Lee.

"Hydrogenated Castor Oil in Ointments. Part II. Cosmetics," George W. Fiero and Laurence D. Lockie.

PAPERS TO BE PRESENTED AT THE
 MEETING OF THE SUB-SECTION ON
 HOSPITAL PHARMACY.

1. "Chairman's Address," Louis C. Zopf.
2. "The Earliest Hospitals," Eleanor Kiris.
3. "Production of Ointments at the Falk Clinic," Frank S. McGinnis.

4. "The Duke Hospital Pharmacy," I. T. Resmer.
5. "A Beginning Course in Hospital Dispensing," T. Elida Larson.
6. "Professional Opportunities Open to the Hospital Pharmacist," Charles O. McCullom.
7. "Pharmacist - Physician Relationship," Carl A. Abend.
8. "Medical Requirements of the Hospital Pharmacy," W. J. Stainsby, M.D.
9. (Title to Be Supplied), Dean Edward Spease.
10. "The Value of the Pharmacist to the Hospital," Oliver W. Young.
11. "Problems of the Hospital Pharmacy," S. W. Morrison.
12. "Pharmaceutical Co-operation with the Hospital Staff," Aaron Lichten.
13. "Hospital Pharmacy's Opportunity," W. Wilson McNear.

Pharmacists Necessary to Maintain the Professional Personnel at the Proper Level," E. F. Kelly.

"Recent Developments in the American Council on Education," Rufus A. Lyman.

"Medical Economics and Pharmacy," Roland T. Lakey.

"Motivating the Course in *Materia Medica*," Victor Lewitus.

"Laboratory Work in Drug Store Arrangement Courses," Joseph H. Goodness.

"The Necessity for a Specific Course in Bacteriology for Pharmacy Students," Fanchon Hart.

"A Course in Laboratory Glass Blowing in a College of Pharmacy Curriculum," Horace M. Carter.

"Are the Colleges of Pharmacy Fulfilling Their Duties When They Merely Prepare Graduates in Basic Sciences?" E. J. Parr, Michigan State Board of Pharmacy.

"Should the Certificate of Qualified Assistant Be Given by the Pharmacy Boards after 1937?" Ernest Little, Rutgers University.

"Uniform State Narcotic Acts," Robert L. Swain.

"The Value of Technician Training to the Pharmacist and Legislation Protecting Same," D. B. R. Johnson, University of Oklahoma.

"Working Conditions in Retail Pharmacy," Wortley F. Rudd, Virginia.

"The Problem of Aptitude Testing in Pharmaceutical Education," Samuel S. Liberman.

Title Not Chosen, Wm. A. Jarrett.

Title Not Chosen, H. C. Newton.

Title Not Chosen, Mac Childs.

Title to Be Given, Wilbur L. Scoville.

**TENTATIVE PROGRAM OF PAPERS
OF THE SECTION ON EDUCATION
AND LEGISLATION, AMERICAN
PHARMACEUTICAL ASSOCIATION.**

(For officers, see Roster, page IX, July.)

"Educating the Physician and the Pharmacist Regarding Official Type of Prescriptions *Versus* the Proprietary Type," Frank A. Delgado.

"Physicians, Patients and Prescriptions," Chester I. Ulmer.

"Meaning . . . ?" Wilbur L. Scoville.

"Number of Graduates and Registered

Since the foregoing was set, a number of titles and papers have come in—these additions will be published in the Official Program.—See also second cover page and page 684.

MARIHUANA BILL PASSED.

Marijuana Tax Bill (H. R. 6906) was passed by House and Senate. Occupational levy on producers was reduced and exemptions were provided relative to hemp fiber.

AMENDMENTS TO FOOD AND DRUG ACT.

H. R. 7913, introduced by Congressman Virgil Chapman, Kentucky, seeks to amend the Food and Drug Act of June 30, 1906. The bill was referred to the Committee on Interstate and Foreign Commerce.

D. C. NARCOTICS BILL.

Chairman Palmisano of the House District Committee, on July 24th, introduced a bill for narcotic control which has been recommended by the District Commissioners.

During the second session of the last Congress similar bills were introduced in the Senate and House. The Senate draft passed both House and Senate, but was amended in the House and Congress adjourned before Congress conferees could adjust the differences.

It is provided that certain specified narcotics shall not be sold except on prescriptions and defines who can prescribe.