

### SOCIETIES AND COLLEGES.

DIAMOND ANNIVERSARY MEETING OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, CORONADO HOTEL, ST. LOUIS, AUGUST 22 TO 27, 1927.

A few additions will be made to programs of the Sections and of other bodies which will appear in Program now being completed for the meeting.

#### GENERAL PROGRAM FOR SEVENTY-FIFTH ANNUAL MEETING, A. PH. A.

All official meetings of the Convention will be held in Coronado Hotel.

##### MONDAY, AUGUST 22ND.

- 9:00 A.M. Meeting of the Council, A. PH. A. *Card Room.*
- 9:00 A.M. National Association Boards of Pharmacy. *Green Room.*
- 9:00 A.M. American Association of Colleges of Pharmacy (Meeting of Executive Committee). *Room A.*
- Teachers' Conferences (Chemistry Section). *Room B.*  
(Practical Pharmacy Section.) *Room C.*  
(Materia Medica, Pharmacognosy and Botany Section.) *Room D.*
- 2:00 P.M. National Association Boards of Pharmacy. *Green Room.*
- 2:00 P.M. American Association of Colleges of Pharmacy. *Bradley Hall.*
- 2:00 P.M. Baseball Game. *Sportsman's Park.* For Ladies only.
- 8:00 P.M. National Association Boards of Pharmacy. *Green Room.*
- 8:00 P.M. American Association of Colleges of Pharmacy. *French Room.*
- 8:00 P.M. Musicale. Coronado Hotel. For Ladies only. *Bradley Hall.*

##### TUESDAY, AUGUST 23RD.

- 9:00 A.M. Joint Session National Association Boards of Pharmacy and American Association of Colleges of Pharmacy. *Bradley Hall.*
- 1:30 P.M. First Session House of Delegates, A. PH. A. *Bradley Hall.*
- 2:30 P.M. National Association Boards of Pharmacy. *Green Room.*
- 2:30 P.M. American Association of Colleges of Pharmacy. *French Room.*
- 2:30 P.M. Theatre Party for Ladies.
- 6:30 P.M. Testimonial Dinner to President Bradley. The President's address will be delivered and will be the only item of business at this dinner. The dinner will

be followed by a Goodfellowship Meeting. *Bradley Hall.*  
Dinner Dance. *Green Room.*

##### WEDNESDAY, AUGUST 24TH.

- 9:00 A.M. General Session, A. PH. A. *Bradley Hall.*
- 2:00 P.M. House of Delegates, A. PH. A. *Bradley Hall.*
- 2:00 P.M. Card Party. Coronado Hotel. For Ladies only. *Green Room.*
- 8:00 P.M. Opera. For all who are registered.

##### THURSDAY, AUGUST 25TH.

- 9:00 A.M. Council, A. PH. A. *Card Room.*
- 9:00 A.M. First Session Section on Historical Pharmacy. *Rooms B and C.*
- 9:00 A.M. First Session Scientific Section. *French Room.*
- 9:00 A.M. First Session Practical Pharmacy and Dispensing. *Room —.*
- 9:00 A.M. First Session Section on Education and Legislation. *Room D.*
- 9:00 A.M. First Session Women's Section. *Room A.*
- 12:00 M. Veterans' Luncheon. *Green Room.*
- 2:00 P.M. General Session, A. PH. A. *Bradley Hall.*
- 2:30 P.M. Auto Trip around St. Louis. For Ladies only.
- 7:30 P.M. First Session Section on Commercial Interests. *Room D.*
- Second Session Section on Historical Pharmacy. *Rooms B and C.*
- Joint Session Section on Practical Pharmacy and Dispensing and Scientific Section. *Bradley Hall.*
- 8:00 P.M. Theatre Party. For Ladies only.

##### FRIDAY, AUGUST 26TH.

- 9:00 A.M. House of Delegates, A. PH. A. *Green Room.*
- 12:00 M. Luncheon and Smoker, Men. *Bradley Hall.*
- 2:00 P.M. Second Session Section on Commercial Interests. *Room D.*
- Second Session Section on Education and Legislation. *Rooms B and C.*

Second Session Section on Practical Pharmacy and Dispensing.  
*French Room.*

Second Session Scientific Section.  
*Green Room.*

2:30 P.M. Card Party, Ladies. *Bradley Hall.*

7:00 P.M. Final Session House of Delegates,  
A. P. H. A. *Bradley Hall.*

9:00 P.M. Final General Session, A. P. H. A.  
*Bradley Hall.*

10:30 P.M. Reorganization Meeting of the  
Council, A. P. H. A. *Card Room.*

#### SATURDAY, AUGUST 27TH.

9:00 A.M. Trip to the Zoo and to the  
Botanical Gardens.

12:00 M. Picnic Box Luncheon at the  
Missouri Botanical Gardens.

#### THE GENERAL SESSIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

All General Sessions will be held in Bradley  
Hall.

Association Officers: *President*, Theodore J. Bradley; *Honorary President*, W. H. Rogers; *First Vice-President*, George Judisch; *Second Vice-President*, A. G. Hulett; *Secretary*, E. F. Kelly; *Treasurer*, C. W. Holton; *Editor of the Journal*, E. G. Eberle; *Editor of the Year Book*, A. G. DuMez.

Officers-Elect: *President*, Charles W. Johnson; *First Vice-President*, Ambrose Hunsberger; *Second Vice-President*, Joseph Jacobs; *Members of the Council*, H. V. Army; George M. Beringer; Theodore J. Bradley.

Officers of the Council: *Chairman*, S. L. Hilton; *Vice-Chairman*, Charles H. LaWall; *Secretary*, E. F. Kelly.

Officers of the House of Delegates: *Chairman*, Jacob Diner; *Vice-Chairman*, I. A. Seltzer; *Secretary*, E. F. Kelly.

Sessions: Tuesday, August 23rd, 6:30 P.M., Testimonial Dinner to President Theodore J. Bradley; Wednesday, 9:00 A.M., August 24th; Thursday, 2:00 P.M., August 25th; Friday, 9:00 P.M., August 26th.

**Tuesday, August 23rd, 6:30 P.M. Testimonial Dinner to President Theodore J. Bradley. The only item of business will be the President's Address.—Speakers are named in Convention Program.**

WEDNESDAY, AUGUST 24TH, 9:00 A.M.—*First General Session of the Association.*

1. Reading of Communications.
2. Report of the Secretary, E. F. Kelly

3. Report of the Treasurer, C. W. Holton.
4. Annual Report of the House of Delegates.
5. New Business.
6. Address—"History and Achievements of the AMERICAN PHARMACEUTICAL ASSOCIATION," Dr. J. H. Beal.

THURSDAY, AUGUST 25TH, 2:00 P.M.—*Second General Session of the Association.*

1. Minutes of the First General Session.
2. Reading of Communications.
3. Report of the House of Delegates.
4. Report of the Headquarters Building Committee.
5. Report of the Headquarters Building Campaign Committee.
6. Address—"The Value of Research and Its Practical Applications," Dr. A. G. Pohlman.
7. Unfinished Business.
8. New Business.

FRIDAY, AUGUST 26TH, 9:00 P.M.—*Final General Session of the Association.*

1. Minutes of the Second General Session.
2. Final Report of the House of Delegates.
3. Presentation of the Ebert Prize.
4. Presentation of National Formulary Honorarium to Chairman W. L. Scoville.
5. Unfinished Business.
6. Installation of Officers.
7. Final Adjournment.

#### COUNCIL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

All Sessions of the Council will be held in the  
Card Room.

Officers and Members of the Council: *Chairman*, S. L. Hilton; *Vice-Chairman*, Charles H. LaWall; *Secretary*, E. F. Kelly.

Other Members: H. V. Army, A. G. DuMez, R. P. Fischelis, H. C. Christensen, J. A. Koch, J. H. Beal, W. B. Day, C. H. LaWall.

Ex-Officio Members: *President*, T. J. Bradley; *First Vice-President*, George Judisch; *Second Vice-President*, A. G. Hulett; *Secretary*, E. F. Kelly; *Treasurer*, C. W. Holton; *Editor of the Journal*, E. G. Eberle; *Editor of the Year Book*, A. G. DuMez; *Chairman of the House of Delegates*, Jacob Diner.

Sessions: Monday, August 22nd, 9:00 A.M.; Thursday, August 25th, 9:00 A.M.; Friday, August 26th, 10:30 P.M. Reorganization Meeting of the Council.

## HOUSE OF DELEGATES.

The session on Friday at 9:00 A.M., will be held in the Green Room, all other sessions will be held in Bradley Hall.

Officers: *Chairman*, Jacob Diner; *Vice-Chairman*, L. A. Seltzer; *Secretary*, E. F. Kelly.

Sessions: Tuesday, August 23rd, 1:30 P.M.; Wednesday, August 24th, 2:00 P.M.; Friday, August 26th, 7:00 P.M., Final Session of the House of Delegates.

TUESDAY, AUGUST 23RD, 1:30 P.M.—*Bradley Hall*.

1. Call to order.
2. Roll Call of Delegates.
3. Reading and Adopting of the Minutes.
4. Opening Remarks by the Chairman.
5. Appointment of Committee on Nominations.
6. Appointment of Committee on Resolutions.
7. Receipt of the Annual Report of the Council.
8. Receipt of resolutions, reports and other communications, all of which shall be in writing.
9. New Business.
10. Adjournment.

WEDNESDAY, AUGUST 24TH, 2:00 P.M.—*Bradley Hall*.

1. Call to Order.
2. Roll Call of Delegates.
3. Reading and Adopting of the Minutes.
4. Receipt of reports and other communications from the ASSOCIATION, the Council and the Sections.
5. Receipt of resolutions, reports and other communications, all of which must be in writing. Reports of the Committees on Nominations, on Resolutions and on Place of Meeting will be received.
6. New Business.
7. Unfinished Business.
8. Nomination of officers of the ASSOCIATION (three candidates each for the offices of President, First Vice-President and Second Vice-President, and nine candidates for the Council to be elected by mail ballot.
9. Election of the Honorary President, Secretary and Treasurer of the ASSOCIATION upon nomination of the Council.
10. Election of the Chairman and Vice-Chairman of the House of Delegates.

11. Selection of the Time and Place of the next annual meeting.
12. Adjournment.

FRIDAY, AUGUST 26TH, 9:00 A.M.—*Green Room*.

1. Call to Order.
2. Roll Call of Delegates.
3. Reading and Adopting of the Minutes.
4. Receipt of reports and other communications from the ASSOCIATION, the Council and the Sections.

Reports of the Committees on Local Branches, on Membership, on State and National Legislation, on the U. S. P., on the Recipe Book, on Horticultural Nomenclature, on Physiological Testing, on Weights and Measures, on the William Procter, Jr., Memorial Fund, on International Pharmaceutical Nomenclature, on Standard of Drugs and Chemical Products, on Coöperative Publicity, on Pre-Requisite Legislation, on Biological Products and on Pharmacy Week, will be received.

5. Receipt of resolutions, reports and other communications all of which shall be in writing. Reports of the Committees on Resolutions, on Patents and Trade Marks and on Status of Pharmacists in the Government Service will be received.
6. Unfinished Business.
7. New Business.
8. Adjournment.

FRIDAY, AUGUST 26, 7:00 P.M.—*Bradley Hall*.

1. Call to Order.
2. Roll Call of Delegates.
3. Reading and Adoption of the Minutes.
4. Receipt of reports and other communications from the ASSOCIATION, the Council and the Sections.
5. Receipt of resolutions, reports and other communications all of which must be in writing. The final report of the Committee on Resolutions will be received.
6. Unfinished Business.
7. Installation of the Chairman and Vice-Chairman of the House of Delegates.
8. Adjournment.

## THE SECTIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

## SCIENTIFIC SECTION.

The first session of the Scientific Section will be held in the French Room, the Joint

Session in Bradley Hall and the final Session in the Green Room.

Officers: *Chairman*, J. C. KRANTZ, Jr.; *First Vice-Chairman*, L. W. ROWE; *Second Vice-Chairman*, J. C. MUNCH; *Secretary*, Paul S. PITTINGER; *Delegate to the House of Delegates*, F. F. BERG.

PROGRAM.

THURSDAY, 9:00 A.M.—*First Session.*

1. Chairman's Address, Report of Secretary, General Business.

Papers.

2. *Pharmacology.*
  - "Notes on the Spectrum and Pharmacology of Chlorophyll," Frederick Grill.
  - "The Trend in Internal Medicine," Albert Schneider.
  - "Ozone in the Treatment of Mouth Infections and of Tuberculosis" (with demonstration of Apparatus), Albert Schneider.
  - "Antivenin (Nearctic Crotalidæ)," J. C. Peacock.
  - "The Relationship of Chemical Structure to Pharmacological Action," Charles W. Bauer.
3. *Biologic Assays.*
  - "The Resistance of Rats to Repeated Doses of Aconitine," J. C. Munch and G. S. Gittinger.
  - "The Lethal Dose of Aconitine to Rats," J. C. Munch and G. S. Gittinger.
  - "Notes on Digitalin Standardization," L. W. Rowe.
  - "Causes of Deterioration of Strophanthus Seed during Storage," Elizabeth Pickering.
  - "Temperature Regulator," Paul S. Pittenger.
  - "Care of Animals for Biologic Assay," Paul S. Pittenger.
  - "The Effect of Certain Defatting Solvents upon the Stability of Fluidextract of Ergot," J. C. Munch, G. S. Gittinger and E. W. Schwartz.
4. *Plant Chemistry.*
  - "The Non-Volatile Constituents of Mentha Piperita," H. A. Braun and Edward Kremers.
  - "A Chemical Study of Poison Star Anise," S. Y. Chen and Edward Kremers.
  - "Cassia Red," S. S. Chao and Edward Kremers.

"A Preliminary Chemical Study of the Fruits of Pittosporum Resiniferum," A. J. Schwarz and Edward Kremers.

"An Investigation of Ginger and its Preparations," Joseph F. Clevenger.

THURSDAY, 7:30 P.M.—*Joint Session Scientific Section and Section on Practical Pharmacy and Dispensing.*

5. SYMPOSIUM ON U. S. P. AND N. F.
  - Report on U. S. Pharmacopœia, E. Fullerton Cook.
  - Report on National Formulary, Wilbur L. Scoville.
  - Report on A. PH. A. Receipt Book, J. Leon Lascoff and Ivor Griffith.
  - Report of the Committee on Ebert Prize, J. C. Munch.
  - "Suggestions for the Improvement of the Text of the Pharmacopœia with Special Reference to the Definitions," H. H. Rusby.
  - "The Effect of Under Education upon Research in Pharmaceutical Science," Frederick J. Wulling.

THURSDAY, 9:30 P.M.—*Second Session.*

6. *Assay Methods.*
  - "American Wormseed Oil," R. J. Pauly and Edward Kremers.
  - "Assay of Theobromide-Sodio-Salicylate, U. S. P.," John T. Stearn.
  - "The Analysis and Characterization of Neoarsphenamine," Alfred E. Jurist and Walter G. Christiansen.
  - "Apparatus for the Determination of Volatile Oils," Joseph F. Clevenger.
  - "Epsom Salt of To-day," Edward S. Rose.
  - "A Method for the Quantitative Estimation of Sulphur Combined and as Sulphides in Potassa Sulphurata (Liver of Sulphur)," Charles V. Netz.
  - "The Assay of Ephedra Vulgaris," J. B. Williams.
  - "The Assay of Phosphoric Acid," F. A. Maurina.
  - "Direction and Colorimetric Determination of Traces of Aluminum," I. M. Kolthoff.
  - "The Polarimetric and Dilution Methods for Estimation of Oil in Lemon Extract: A Comparison of Their Accuracy and the Effect of Temperature," Charles V. Netz.

FRIDAY, 2:00 P.M.—*Third Session.*7. *Organic Chemistry.*

"The Effect of Various Compounds on the Rate of Development of Rancidity in Fats and Oils," Wm. J. Husa and Lydia M. Husa.

"New Esters of *p*-Methoxy Cinnamic Acid," P. A. Footc and Edward Kremers.

"Dimethylphthalate and Other Phthalates," J. A. Handy and L. F. Hoyt.

"Polymerization of Olefines," R. Van Winkle.

"The Determination of Sugar, Uric Acid, Urea and Creatinine in One Cubic Centimeter of Blood," Edward S. Rose.

"A Discussion of the Pharmacopœial Specifications for Cresol," H. Ohaver.

"Gold Compounds for Medicinal Use," F. R. Greenbaum.

"Pharmaceutical Products from Mucic Acid," J. L. Powers and F. F. Blicke.

8. *Physical Chemistry.*

"A Century of the U. S. P. 1820-1920: Chalk and Other Forms of CaCO<sub>3</sub>," B. V. Christensen and Edward Kremers.

"The Constants of Chloroform Liniment," L. E. Warren.

"The Optical Identification of Alkaloids," George L. Keenan.

"Plasticity Measurements on Milk of Magnesia," S. Arzoomonian.

"Changes in the Silver-Ion Concentration of Stored Solutions of Colloidal Silver Germicides," R. B. Smith.

"*p*H Determinations in Alcohol Solutions and Values Obtained for Certain Tinctures," R. B. Smith.

"Preparation of Reversible Colloids," W. A. Lott.

"The Causes of Precipitation in Tinctures and Fluidextracts," Wilbur L. Scoville.

9. *Botany and Pharmacognosy.*

"Medicinal Plants of Florida," Ernst T. Stuhr.

"A Recent Adulterant for Viburnum Prunifolium," Heber W. Youngken.

10. Nomination of Officers.

11. Reports of Committees.

12. Unfinished Business.

13. Election and Installation of Officers.

14. New Business.

15. Adjournment.

## SECTION ON EDUCATION AND LEGISLATION.

The first session of the Section on Education and Legislation will be held in Room D, the second in Rooms B and C.

Officers: *Chairman*, H. M. FASER; *Secretary*, M. N. FORD; *Delegate to the House of Delegates*, A. L. I. WINNE.

## PROGRAM.

1. Chairman's Address, H. M. Faser.
2. Secretary's Report, M. N. Ford.
3. Appointment of Committees.

## Papers.

"The Four-Year Curriculum," Frederick J. Wulling.

"The Basis for Agreement for a Standard Three-Year Curriculum," W. J. Husa.

"The Pharmacist and the Narcotic Evil," A. R. Bliss.

"Too Many Drug Stores," Wortley F. Rudd.

"Some Experiences with the Four-Year Course," Clair A. Dye.

"Some Problems Met by Board of Pharmacy Members in Securing Legislation," John Culley.

"Leaks in Pharmacy," A. L. I. Winne.

"Quiz Methods in Pharmacy," C. O. Lee.

4. Reports of Committees.
5. Unfinished Business.
6. Election of Officers.
7. Adjournment.

*Papers Will Be Arranged for the Two Sessions by the Officers.*

## SECTION ON PRACTICAL PHARMACY AND DISPENSING.

(Pharmacopœias, Formularies and Standards.)

The room for the first session of the Section is to be selected, the Joint Session will be held in Bradley Hall, and the final session in the French Room.

Officers: *Chairman*, ADLEY B. NICHOLS; *First Vice-Chairman*, FITZGERALD DUNNING; *Second Vice-Chairman*, R. E. TERRY; *Secretary*, C. V. NETZ; *Delegate to the House of Delegates*, C. M. SNOW.

Sessions: Thursday, August 25, 9:00 A.M.; Joint Session, Thursday, August 25, 7:30 P.M.; Final Session, Friday, August 26, 2:00 P.M.

## PROGRAM.

1. Chairman's Address, Adley B. Nichols.
2. Secretary's Report, Charles V. Netz.

## 3. General Business.

## Papers.

"Facts Regarding the Manufacture, Physical Constants and Keeping Qualities of Soap, Chloroform and Camphor Liniments of the U. S. P.," Samuel Shkolnik.

A Color Standard for Tincture of Cudbear," L. F. Gabel.

"Biologicals Viewed as Pharmaceuticals," J. C. Peacock.

"Some Prescription Problems," H. C. Newton.

"National Formulary Propaganda and Some Prescription Problems," Peter J. Kolb.

"An Arznei Holbuch," Edward Kremers.

"The Practical Training Necessary for a Professional Dispensing Pharmacist," P. H. Dirstine.

"The Effect of Changes of Hydrogen-Ion Concentration upon Compound Tincture of Gentian," J. C. Krantz, Jr., and Frank J. Slama.

"A Symposium on Substances Prescribed by Physicians," E. Fullerton Cook.

"The Quality of Compressed Tablets, Particularly as to Solubility and Ease of Disintegration," Wm. J. Husa.

"The Importance of the Individual in Practical Pharmacy," W. C. Baines.

## 4. Appointment of Committees.

*Joint Session Scientific Section and Section on Practical Pharmacy and Dispensing.*—See under Joint Session Scientific Section.

FRIDAY, AUGUST 26, 2:00 P.M.—*Second Session.*

## Papers.

"Medical Uses of Gelatin," Andrew M. Neff and George D. Beal.

"A Prescription Incompatibility That Has Become a Classic," Edward Kremers.

"The Diamond Opportunity for Pharmacists," Robert J. Ruth.

"What I Know about Making Ointments," Fred H. Swift.

"Spirit of Ethyl Nitrite," Wm. G. Hall.  
"A Pharmacist in Europe," E. Fullerton Cook.

"Syrup of Ferrous Iodide and Syrup of Hydriodic Acid," H. V. Army.

"Progress in our Procedure in Prescription Pricing," Leonard J. Seltzer.

"Ethics or Commerce in Pharmacy," Leo G. Penn.

"Prescription Clinic," Adley B. Nichols.

5. Unfinished Business.

6. Report of Nominating Committee.

7. Election and Installation of Officers.

8. Adjournment.

Order of program subject to change.

## SECTION ON COMMERCIAL INTERESTS.

All sessions of the Section on Commercial Interests will be held in Room D.

Officers: *Chairman*, BERNARD M. KEENE; *Secretary*, C. LEONARD O'CONNELL; *Delegate to the House of Delegates*, AMBROSE HUNSBERGER.

Sessions: Wednesday, August 24th, 9:00 A.M.; Friday, August 26th, 9:00 A.M.

## PROGRAM.

WEDNESDAY, AUGUST 24th, 9:00 A.M.—*First Session.*

1. Chairman's Address, J. Bernard M. Keene.

2. Report of Secretary, C. Leonard O'Connell.

3. Appointment of Committees.

4. Report of Committees.

5. General Business.

6. "Financial Support Needed for the Commercial Departments of the Colleges of Pharmacy," C. B. Jordan.

7. "Chain Store Evil," F. H. Freericks.

8. "A College Course in Drug Store Display," E. H. Niles.

9. "Meeting the Competition," S. S. Dworakin.

10. "Increasing Net Profit by Increasing the Average Sale," W. Bruce Philip.

11. "What the Doctor Expects from the Druggist," Denny Brann.

12. "What Is Your Name Worth," R. P. Fischelis.

Impromptu Speech on Druggists' Research Bureau, E. L. Newcomb.

FRIDAY, AUGUST 26, 9:00 A.M.—*Second Session.*

1. "Necessity for Teaching Commercial Pharmacy in our Colleges of Pharmacy," W. F. Rudd.

2. "Optimism in Pharmacy," Robert J. Ruth.

3. "Development of a Commercial Course in Pharmacy," Anton Hogstad, Jr.

4. "Retail Drug Store Advertising," W. H. Lamont.

5. "How to Build up the Most Profitable 'Side Line' in a Pharmacy—The Prescription Department," Jacob Diner.
6. "Old Ideas in a New Light," Paul Strahl.
7. "Title to be supplied," A. L. I. Winne.
8. "Some Observations of Present Day Retrail Pharmacy," Edward S. Rose.
9. Unfinished Business.
10. Report of Delegate, Ambrose Hunsberger.
11. Election.
12. Installation of Officers.  
Adjournment.

#### SECTION ON HISTORICAL PHARMACY.

All sessions of the Section on Historical Pharmacy will be held in Rooms B and C.

Officers: *Chairman*, W. F. SUDRO; *Secretary*, E. J. KENNEDY; *Delegate to the House of Delegates*, C. J. GIETNER; *Historian*, E. G. EBERLE.

Sessions: Thursday, August 25th, 9:00 A.M.; Thursday, August 25th, 7:30 P.M.

#### PROGRAM.

1. Chairman's Address, W. F. Sudro.
2. Secretary's Report, E. J. Kennedy.
3. Historian's Report, E. G. Eberle.
4. Appointment of Committees.

#### Papers.

Editor's Report of Progress, History of American Pharmacy, Clyde L. Eddy.

Co-Authors' Reports.

"The Life and Character of Henry Milton Whelpley," James H. Beal.

"The Influence of Henry Milton Whelpley in the Formation of the National Association of Boards of Pharmacy," H. C. Christensen.

"What Are Galenicals?" Charles H. LaWall.

"History of Cascara Industry," Thurman J. Starker.

"History of the Mint Industry," C. C. Glover.

"High Points in the History of the American Pharmaceutical Manufacturers' Association," B. L. Maltbie.

"Dr. William Brown, Father of the First Pharmacopœia, in America," Lyman F. Kebler.

"Humboldt's Travels in South America"—continued, Edward Kremers.

"The Apothecary in Literature"—continued, Edward Kremers.

"An Arznei Holbuch," Edward Kremers.

5. Report of Committees.
6. Election of Officers.

#### Papers.

"The Doctrine of Signatures," Leo Suppan.

"Schieffelin & Co. The Oldest Wholesale Drug House in New York City," Otto Raubenheimer.

"Gesellschaft fuer Geschichte der Pharmacie," Otto Raubenheimer.

"State Association Proceedings Should Become More Extensive and Authentic Sources of Historical Information," Frederick J. Wulling.

"The Apothecary of the Georgian Period and of To-day—Why the Lowered Estimate," Joseph Jacobs.

"All Things Come to Those Who Wait," John Uri Lloyd.

"Sponge, Its History in Medicine Together with a Brief Account of Its Habits and Structure," John T. Lloyd. The two former St. Louis A. P. H. A. meetings, E. G. Eberle.

Discussion of Headquarters' Museum and Library.

Further Discussion of the History of American Pharmacy.

7. Adjournment.

#### PLANT SCIENCE SEMINAR.

The Headquarters of the Plant Science Seminar will be at the Coronado Hotel—August 16-19, 1927.

Officers: *Founder*, E. L. NEWCOMB; *Chairman*, E. N. GATHERCOAL; *Secretary*, O. P. M. CANIS.

The sessions of the Seminar will be held at the Missouri Botanical Gardens in the lecture room, laboratories or plant houses. Friday will be spent at Gray's Summit, a 1500-acre wild tract with an especially rich flora. The famous orchid collection of the Gardens is located here.

Laboratory demonstrations: "Quantitative Evaluation of Organic Powders," Dr. G. L. Keenan; "Survey of Our Native Drug Resources," Dr. W. W. Stockberger; "Report on Histological Nomenclature," Professors E. L. Newcomb, A. Schneider, H. W. Youngken, E. H. Wirth, E. N. Gathercoal.

New German Pharmacopœia compared with U. S. P. X, Prof. E. H. Wirth.

"Pharmacology and Plant Physiology," Prof. A. H. Clark, Dr. H. C. McGuigan, Dr. E. H. Vollweiler.

"Round Table on Teaching of Pharmacology," led by Dr. A. Hogstad. Botanical Excursions, led by Dr. H. H. Rusby, Dr. A. Viehoveer and Dean W. B. Day.

Prof. Charles C. Plitt, Baltimore, and Dr. La Garde, bio-chemist of Prague, will present papers.

An informal dinner and soiree in conjunction with the Naturalists' Club of St. Louis on Thursday evening at the Coronado Hotel will be the principal social feature.

#### NATIONAL CONFERENCE ON PHARMACEUTICAL RESEARCH.

##### RESEARCH INFORMATION.

The sixth annual meeting of the National Conference on Pharmaceutical Research will be held at Hotel Coronado, St. Louis, Mo., on Saturday, August 20, 1927.

Officers: *Chairman*, H. V. ARNY; *Vice-Chairman*, J. H. WEBSTER; *Secretary*, JOHN C. KRANTZ, JR.

There will be two sessions of the Conference; one beginning at 9:30 A.M., and the other at 2:00 P.M.

The tentative program is as follows:

1. Roll Call.
2. Reports of Officers.
3. Reports of the ten standing committees.
4. Report of special committee on color standards.
5. Report of special committee on book of research achievements.
6. Reports from delegates from the affiliated organizations, *viz*:
  - (a) Association of Official Agricultural Chemists.
  - (b) American Association of Colleges of Pharmacy.
  - (c) American Chemical Society Division of Chemistry of Medicinal Products.
  - (d) American Drug Manufacturers' Association.
  - (e) AMERICAN PHARMACEUTICAL ASSOCIATION.
  - (f) American Pharmaceutical Manufacturers' Association.
  - (g) Bureau of Chemistry, U. S. Department of Agriculture.
  - (h) Hygienic Laboratory, U. S. Public Health Service.
  - (i) National Association of Boards of Pharmacy.
  - (j) National Association of Retail Druggists.

(k) National Formulary Revision Committee.

(l) National Wholesale Druggists' Association.

(m) Pharmaceutical Laboratory Seminar.

(n) Plant Science Seminar.

(o) Proprietary Association.

(p) U. S. P. Revision Committee.

#### 7. General discussion on:

(a) Census of Research.

(b) Graduate students in pharmacy and their research work.

(c) Research grants and prizes.

(d) Research fellowships and scholarships.

#### 8. New Business.

#### 9. Election.

#### 10. Adjournment.

#### THE AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY.

##### TWENTY-EIGHTH ANNUAL MEETING.

Meeting Executive Committee, Room A. Teachers' Conferences in Rooms B, C and D. First Session and Joint Session in Bradley Hall; other sessions in French Room.

Officers: *President*, D. B. R. JOHNSON; *Vice-President*, A. G. DUMEZ; *Secretary-Treasurer*, ZADA M. COOPER; *Chairman of the Executive Committee*, CHARLES B. JORDAN.

Sessions: Monday, 9:00 A.M., 2:30 and 8:00 P.M.; Tuesday, Joint Session with N. A. B. P. at 10:00 A.M., and 2:30 P.M. For program see July JOURNAL, A. PH. A., p. 700.

#### NATIONAL ASSOCIATION OF BOARDS OF PHARMACY.

TWENTY-FOURTH ANNUAL CONVENTION AT CORONADO HOTEL, ST. LOUIS, AUGUST 22 AND 23, 1927.

Officers: *President*, WILFORD HARRISON; *Secretary*, H. C. CHRISTENSEN.

All meetings of the National Association of Boards of Pharmacy will be held in the Green Room. The Joint Session with the American Association of Colleges of Pharmacy will be held in Bradley Hall. For program see the Department N. A. B. P.—in this issue of the JOURNAL.

#### ENTERTAINMENT PROGRAM.

##### MONDAY, AUGUST 22ND.

2:00 P.M. Base Ball Game. Sportsman's Park. For Ladies Only.

8:00 P.M. Musicales. For Ladies Only. Bradley Hall.



## TUESDAY, AUGUST 23RD.

- 2:30 P.M. Theatre Party. For Ladies.  
6:30 P.M. Testimonial Dinner. *Bradley Hall*.  
Dinner Dance. *Green Room*.

## WEDNESDAY, AUGUST 24TH.

- 2:00 P.M. Card Party. For Ladies Only.  
*Green Room*.  
8:00 P.M. Opera for All Registered.

## THURSDAY, AUGUST 25TH.

- 12:00 M. Veterans' Luncheon. Men. *Green Room*.  
2:30 P.M. Auto Trip around St. Louis.  
For Ladies Only.  
8:00 P.M. Theatre Party. For Ladies Only.

## FRIDAY, AUGUST 26TH.

- 12:00 M. Luncheon and Smoker. Men.  
*Bradley Hall*.  
2:30 P.M. Card Party. For Ladies. *Bradley Hall*.

## SATURDAY, AUGUST 27TH.

- 9:00 A.M. Trip to the Zoo and Botanical Gardens.  
12:00 M. Picnic Box Luncheon at the Missouri Botanical Gardens.

*Arrangements for Fraternity and Alumni Luncheons will probably be arranged by respective organizations.*

## OFFICERS OF STATE PHARMACEUTICAL ASSOCIATIONS, 1927-1928.

*(Continued from July issue.)*

Secretaries of Associations are respectfully asked to make corrections, and send in lists of officers and names of next convention cities to the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, 10 W. Chase St., Baltimore, Md.

List to be continued.

## FLORIDA.

Lawrie J. Taylor was elected full-time Secretary of Florida Pharmaceutical Association. The State is to be divided into ten districts; unit members pay \$12.00 annually. The National Drug Research Bureau was endorsed. President Atwood reviewed the Association work. Professor Husa presided over the Scientific Section. Among the speakers of the convention were Samuel C. Davis, W. N. Davison, of Miami Chamber of Commerce, and D. L. Simmons, President of Florida Medical Society.

The following officers were elected for the ensuing year:

*President*, I. Cliff Smith, Miami.  
*First Vice-President*, William Emrich, Orlando.  
*Second Vice-President*, E. L. Bridges, Jacksonville.  
*Third Vice-President*, George Moore, Clearwater.  
*Secretary-Treasurer*, Lawrie J. Taylor, Box 816, Eustis, Fla.

Ocala was selected for next year's convention.

## LOUISIANA.

In deference to flood conditions throughout the State no entertainments were provided for the 45th annual convention of Louisiana Pharmaceutical Association. Only one day's session was arranged for; the following officers were elected for the ensuing year:

*President*, Sidney J. Peters, New Orleans.  
*First Vice-President*, Donald K. Mayer, Winnsboro.

*Second Vice-President*, Paul C. Weilbaecher, New Orleans.

*Treasurer*, Adam Wirth, New Orleans.  
*Secretary*, G. W. McDuff, New Orleans.

*Corresponding Secretary*, Mrs. M. Stolzen-thaler, New Orleans.

## MISSISSIPPI.

Mississippi Pharmaceutical Association was organized in 1883 and incorporated in 1893. President Mathis urged that pharmacists have larger representation in the State Legislature. Among the speakers of the convention were Secretary E. F. Kelly, W. A. Oren, Carl Weeks and W. E. Bingham. Two banquets were given, one presided over by Gus. C. Kendall as toastmaster and the other by Dean Faser. The following officers were elected for the ensuing year:

*President*, J. W. Holt, Meridian.  
*First Vice-President*, Richard Taylor, Seminary.

*Second Vice-President*, Miss Adele Stigler, Yazoo City.

*Secretary-Treasurer*, A. S. Coody, Jackson.  
*State Organizer*, C. E. Anding, Florida.

## MONTANA.

Montana pharmacists desire that the Government take over the dispensing of medicinal alcoholic liquids. Ownership laws were discussed. E. S. Sater, of the A. Ph. A.,

was one of the speakers of the convention. Charles Chapple, Dean C. E. Mollette and J. A. Reidel were elected delegates to the A. Ph. A. convention.

The following officers were elected:

*President*, M. D. Chatfield, Helena.

*First Vice-President*, Charles Sande, Laurel.

*Second Vice-President*, Albert Johnson, Glendive.

*Third Vice-President*, James Vicars, Livingston.

*Treasurer*, Mae C. Higgins, Manhattan.

*Secretary*, J. A. Reidel, Boulder.

The next annual meeting will be held at Yellowstone.

#### NEW HAMPSHIRE.

Among the speakers at the New Hampshire State Association were Harry Noel, J. F. Finneran, C. Fred Wright and H. J. Henry.

The following officers were elected for the ensuing year:

*President*, Rodney A. Griffin, Franklin.

*First Vice-President*, Archie F. Precourt, Manchester.

*Second Vice-President*, A. L. Davis, Keene.

*Secretary*, D. Leo Hallisey, Nashville.

*Treasurer*, Edgar Gowlet, Manchester.

#### NEW JERSEY.

Among the high spots of the convention was the address of Governor Moore, being the first time in many years since a Governor honored the Association by attendance. President Strehl spoke in high terms of the services of Secretary Fischelis, who had filled the unexpired term of the late Secretary Jeannot Hostmann. The following officers were elected for the ensuing year:

*President*, Fred Warnke, Jersey City.

*First Vice-President*, Thomas F. Maroney, Bayonne.

*Second Vice-President*, Leo M. McEvoy, Newark.

*Secretary*, Robert P. Fischelis, Trenton.

*Treasurer*, Charles J. McCloskey, Jersey City.

*Local Secretary*, Hugo Krause, Atlantic City.

The next annual meeting will be held at Atlantic City.

President Strehl said the newly created Committee on Pharmaceutical Education and Standards had justified its existence and referred to a conference of the Association, the Board of Pharmacy and New Jersey College faculty as an evidence of coöperation. A code

of ethics presented by Chairman McCloskey was unanimously adopted. Provision has been made for the publication of a bulletin until the monthly journal is arranged for. L. L. Walton and George W. Parisen were elected honorary members.

Dr. E. L. Newcomb was one of the speakers of the convention and the Druggists' Research Bureau was endorsed. A number of interesting and valuable papers were read and discussed.

#### NEW YORK.

Among the discussions at the 49th meeting of New York State Pharmaceutical Association, were chain-store competition and price maintenance. Support was pledged to the New York Conference in the action recently brought against it. President Diekman reviewed the year's work and gave considerable attention to changes in the pharmacy curricula. The following officers were elected for the ensuing year:

*President*, Walter B. Tongue, Poughkeepsie.

*First Vice-President*, Pincus Herz, Mount Vernon.

*Second Vice-President*, George F. Bigham, Buffalo.

*Third Vice-President*, Nicholas S. Gesoalde, Brooklyn.

*Secretary*, Edward S. Dawson, Syracuse.

*Treasurer*, Richard A. Austin, Cairo.

The next annual meeting will be held at Saratoga Springs.

Chairman Robert S. Lehman presided during the reading of papers. A paper by Prof. A. B. Lemon on "The Inferior Student in Pharmacy" was awarded first prize. The report of the Committee on U. S. P. was made by Joseph L. Mayer.

#### NORTH CAROLINA.

The sessions of North Carolina Pharmaceutical Association were held at O'Henry Hotel in Greensboro. It is quite generally known that "O'Henry" was engaged in his uncle's drug store for a number of years; he also was employed in Morley Brothers drug store at Austin, Texas, for a time. Among the speakers of the convention were Dr. E. L. Newcomb, Carl Weeks, R. D. Keim, Dr. H. C. Fuller, Hon. O. Max Gardner. President Eubanks laid particular stress in his legislative review on the drug store registration bill. The following officers were elected for the ensuing year:

*President*, R. R. Copeland, Ahsokie.

*First Vice-President*, Polk C. Gray, Statesville.

*Second Vice-President*, C. C. Fordham, Sr., Greensboro.

*Third Vice-President*, R. K. Blair, Charlotte.

*Secretary-Treasurer*, J. G. Beard, Chapel Hill.

*Assistant Secretary-Treasurer*, C. M. Andrews, Burlington.

*Local Secretary*, Walter Hufham, Morehead City.

Morehead City was selected as the convention city for 1928.

#### PENNSYLVANIA.

The 50th meeting of Pennsylvania Pharmaceutical Association showed a registration of nearly 300. The address of President England was comprehensive and adapted to a semi-centennial celebration—a review of the events of the past year and a survey of the history and times of the Association's eventful years. The following are the officers for the ensuing year:

*President*, Wilbur B. Goodyear, Harrisburg.

*First Vice-President*, Scott Paisley, New Castle.

*Second Vice-President*, E. T. Hahn, Philadelphia.

*Secretary and Treasurer*, J. G. Noh, Harrisburg.

The next annual meeting will be held at Buena Vista, Pa.

President England briefly told of the development of the manufacture of biologicals and referred to the following as among the more important contributions of pharmacy to science:

Squibb's work on percolation; Diehl's on percolation; Maisch's on pharmacognosy; Power's on phytochemistry; Kremer's on volatile oils; Rusby's on drug plant explorations; Lloyd's on adsorption and other colloidal phenomena; Schlotterbeck's on alkaloids; Kraemer's on powdered drugs; Newcomb's on drug plant cultivation.

The work of Secretary Noh has been eminently satisfactory. Many interesting papers and reports were presented. Among the speakers were Ambrose Hunsberger, Dr. Wilmer Krusen, S. L. Hilton, Robert P. Fischelis.

#### SOUTH CAROLINA.

President J. H. Frierson in his address stressed service in behalf of pharmacy and

of pharmacy for the public. He presented the association with a gavel. The following officers were elected for the ensuing year:

*President*, M. S. Dantzler, Elloree.

*First Vice-President*, I. A. Rigby, Spartanburg.

*Second Vice-President*, A. C. Ellerbe, Florence.

*Secretary-Treasurer*, Frank M. Smith, Charleston.

#### TEXAS.

The fact that membership in Texas Pharmaceutical Association is part of licenseship in Texas adds numerical strength to this organization. Probably 2500 attended the meeting in the "Alamo City." The address of President Rike gave credit for splendid work by officials of the Association. He reviewed the undertakings of the organization and dwelt upon the coöperative efforts and urged that all members aid in seeing that the law relating to dispensing of alcoholics be strictly complied with. The drug show was an interesting part of the convention. Few secretaries have achieved more in behalf of organization work than Secretary Adams. The membership of the Texas Association is about 3500. The officers for the ensuing year are:

*President*, E. C. Phillips, Big Spring.

*First Vice-President*, Knox Pittard, Anson.

*Second Vice-President*, Henry F. Hein, San Antonio.

*Secretary-Treasurer*, Walter D. Adams, Forney.

Among the speakers of the convention were, Samuel C. Davis of the N. A. R. D. and E. G. Eberle of the A. Ph. A.

#### UTAH.

President Carr reviewed Association activities; he did not favor the higher educational requirements for all engaged in the drug business. The following were elected officers for the ensuing year:

*President*, Jacob Johnston, Salt Lake City.

*First Vice-President*, Charles Watson, Midvale.

*Second Vice-President*, June W. Clark, Ogden.

*Treasurer*, Walter Hedquist, Provo.

*Secretary*, John Culley, Ogden.

The next annual meeting will be held at Provo.

Among the speakers of the convention were Hugh O'Connor, of *Pacific Drug Review*, Prof. H. L. Thompson, Glenn Maddox, Charles Van Dyke. President Carr called attention to the

code of ethics of the AMERICAN PHARMACEUTICAL ASSOCIATION as a guide for pharmacists. Price maintenance was endorsed.

#### VERMONT.

President Bradley addressed Vermont Pharmaceutical Association. There were also present from Boston, Prof. E. H. La Pierre, Prof. Thompson, Prof. Amrhein, James Finneran and others. The following were elected as officers for the ensuing year:

*President*, W. H. Saunders, Lyndonville.

*First Vice-President*, Charles J. Flood, Poultney.

*Second Vice-President*, George C. Ross, Vergennes.

*Third Vice-President*, Gerald Grady, Enosburg Falls.

*Secretary and Treasurer*, F. W. Churchill, Proctor.

#### VIRGINIA.

Among the speakers at Virginia Pharmaceutical Association were, Dr. Stuart McGuire, and Jerry McQuade of *Drug Topics*. Price maintenance was endorsed. The following are the officers for the ensuing year:

*President*, W. E. Locke, Richmond.

*First Vice-President*, C. R. Claiborne, Lynchburg.

*Second Vice-President*, H. R. Cecil, Dublin.

*Third Vice-President*, H. S. Falconer, Newport News.

*Fourth Vice-President*, G. E. Heller, Bedford.

*Fifth Vice-President*, C. W. Powers, Roanoke.

*Sixth Vice-President*, J. W. Williamson, Harrisonburg.

*Secretary-Treasurer*, A. L. I. Winne, Richmond.

The next annual meeting will be held at Roanoke, June 1928.

#### WEST VIRGINIA.

The following were elected officers of West Virginia Pharmaceutical Association for the ensuing year:

*President*, E. V. Romig, Keyser.

*First Vice-President*, S. Monroe Bledsoe, Beckley.

*Second Vice-President*, H. C. Feuller, Wheeling.

*Third Vice-President*, L. Harper Rogers, Clarksburg.

*Secretary-Treasurer*, J. Lester Hayman, Morgantown.

Among the speakers of the convention were Dr. James H. Beal and E. F. Kelly.

The next annual meeting will be held at White Sulphur Springs, in June 1928.

#### WISCONSIN.

The following were elected officers of Wisconsin Pharmaceutical Association for the ensuing year:

*President*, Otto E. Rydell, Superior.

*First Vice-President*, Edwin Boberg, Eau Clair.

*Second Vice-President*, T. Biedermann, Milwaukee.

*Third Vice-President*, C. Andrae, Adams.

*Secretary*, E. B. Heimstreet, Lake Mills.

*Treasurer*, R. Rollman, Chilton.

The next annual meeting will be held at Green Lake in June 1928.

#### ONTARIO.

President E. D. Bonnell congratulated the druggists of Canada on the progress of price-maintenance movement and activities of the P. A. T. A. Among the speakers of the convention were Sir William S. Glyn-Jones and E. C. Brokmeyer. The following officers were elected for the ensuing year:

*President*, H. H. Tapscott, Brantford.

*Honorary President*, C. E. Whebbly, Toronto.

*First Vice-President*, A. J. Wilkinson, Windsor.

*Second Vice-President*, L. F. Best, Kingston.

Next year's convention will be held at London.

#### RHO CHI, NATIONAL HONORARY PHARMACEUTICAL SOCIETY.

BY ZADA M. COOPER.

Rho Chi, national honorary pharmaceutical society, is making satisfactory progress and a name for itself. Above all, it is proving an encouragement to scholarship.

The officers of the grand chapter are: *President*, E. J. Traut, Battle Creek, Mich.; *Vice-President*, F. D. Wood, Morgantown, West Virginia; *Secretary*, Clifford C. Glover, Ann Arbor, Mich.; *Treasurer*, J. L. Powers, Corvallis, Oregon.

The chapters are located as follows:

*Alpha*, University of Michigan, Ann Arbor

*Beta*, Ore. Agricultural College, Corvallis

*Gamma*, University of Oklahoma, Norman

*Delta*, State Univ. of Iowa, Iowa City

*Epsilon*, State Coll. of Washington,

Pullman

*Zeta*, Ala. Polytechnic Institute, Auburn  
*Eta*, Univ. of Wisconsin, Madison  
*Theta*, Univ. of Southern Calif., Los Angeles.

Freshman students are having Rho Chi brought to their attention early in their college career. More than that, prizes are being offered to freshmen for superior scholarship, because it is recognized that chances for ever attaining membership in the society are slim if students do not begin to work at first. Besides giving the necessary grades, they are laying the foundation for subsequent good work. Alpha chapter gives a prize of ten dollars to the freshman making the highest grade in a competitive examination held the latter part of the school year. Epsilon chapter gives a ten-dollar prize to the freshman student making the highest average. This year Miss Schellenberger and Mr. Darst tied for the honor. Delta chapter gives twenty dollars to the freshman student ranking highest, all first-year subjects being considered. Theta chapter offers a perpetual silver cup to be awarded to the freshman student maintaining the highest average for the year. It also offers a trophy to be awarded to the sophomore student elected to Rho Chi who maintains a high scholastic standing and who has the interests of pharmacy at heart, professionally and socially.

Some news from the various chapters has been reported lately. Theta chapter has elected several this year. Mrs. Anna Wager, Harold Eipley and Lloyd Brown, graduate students; Margaret Airston, assistant professor of pharmaceutical chemistry, Frank Richardson, instructor in pharmacy and George Fiero, instructor in materia medica, were elected to active membership. Dr. Laird J. Stabler, Dean of the College and Professor of Chemistry and Arthur R. Maas, Professor of Pharmacy, were made honorary members. Officers of the chapter are: *President*, A. G. Hall; *Vice-President*, Ray Pinker; *Secretary*, Mrs. Fitzgerald; *Treasurer*, Willard Smith.

Eta chapter at the University of Wisconsin elected ten students in the fall. Members of the State Board were made honorary members of the chapter. Officers are: *President*, P. A. Foote; *Vice-President*, E. G. Kuenze; *Secretary-Treasurer*, A. H. Uhl; *Councillor*, B. V. Christenson.

Delta chapter has added only two members this year, because in this period of transition from a two-year minimum course to a three-

year minimum, very few have completed the necessary number of hours. The two elected were: Ralph W. Lewis, of Albany, Ill. who will receive his B.S. degree in June, and M. Virginia Light, Des Moines, who is a junior in the four-year course.

Epsilon chapter, for the first time, elected three women this year: Miss Belle Wenz, an instructor in pharmacy, and Miss Haines and Miss Fengas, students. Officers of the chapter are: *President*, Haakon Bang, and *Secretary-Treasurer*, Mr. Weatherman.

#### SCIENCE PAPERS OF THE BRITISH PHARMACEUTICAL CONFERENCE.

Subjoined is a list of the papers communicated to the Science Sessions of the Conference at Brighton, England, on June 21st and 22nd:

"The Therapeutic Value of the Ultra-Violet Rays," by L. A. Parry, M.D., B.S., F.R.C.S.

"Solution of Ammonium Acetate, B. P.," by Noel L. Allport and T. Tusting Cocking, F.I.C.

"A Colour Test for Ergot Alkaloids," by Norman Evers, B.Sc., F.I.C.

"The Volumetric Assay of Iodides," by A. J. Jones, Ph.C., A.I.C.

"High Density Syrup for Pharmaceutical Use," by W. A. Whatmough, B.Sc., F.I.C., Ph.C.

"The Estimation of Cineole," by T. Tusting Cocking, F.I.C.

"The Plastic Behaviour of Tragacanth Mucilage and Its Pharmaceutical Significance," by G. Middleton, B.Sc., A.I.C.

"A Short Note on Catechu Palladium," by C. J. Jordan, M.P.S.

"A Note on Iron and Ammonium Citrate, B. P.," by F. J. Todd, Ph.C.

"The Official Preparations of Cinchona Bark," by F. J. Todd, Ph.C.

"Sulphur Sublimatum," by C. Olive Griffiths, Burroughs Scholar.

"Stramonium and Other Species of Datura: A Comparative Study of their Leaves," by Helen A. Timmerman, B.Sc.

"Tragacanth and Its Mucilage.—II," by Norman Evers, B.Sc., F.I.C., and Thomas McLachlan, F.I.C.

"Note on the Identification and Determination of Morphine in Compound Tincture of Camphor," by Charles M. Caines, F.I.C.

"Spiritus Aetheris and Spiritus Chloroformi: The Variation of the Specific Gravity with the

Proportions of the Ingredients," by F. H. Milner.

"Carbolic Acid Suppositories, B. P., 1914," by Harry Brindle, B.Sc. (Lond.), A.I.C., Ph.C., and L. H. Boardman, Ph.C.

"A New Method of Locating the End-Point in Alkaloidal Titrations," by C. Morton, B.Sc., Ph.C.

"The Detection and Estimation of Vitamin A and of Vitamin D in Cod-Liver Oil and Various Food Products," by Frank W. Wokes, B.Sc., F. I.C., Ph.C., and Stanley G. Willimott, Ph.D., B.Sc., A.I.C.

"Some Constituents of Citrus Fruits," by Stanley G. Willimott, Ph.D., B.Sc., A.I.C., and Frank Wokes, B.Sc., F.I.C., Ph.C.

"The Use of Certain Carbohydrates and Glucosides in the Differentiation of Members of the Almonella Group of Food-Poisoning

Bacilli," by Frank W. Wokes, B.Sc., F.I.C., Ph.C. and Joseph H. Irwin, B.Sc.

"Some Less Appreciated Constituents of Orange Juice," by Stanley G. Willimott, Ph.D., B.Sc., A.I.C.

"A Supplementary Paper on Official Astringent Drugs," by Alan H. Ware, Ph.C.

"The Detection of Carbolic Acid in Commercial Cresols," by Alan H. Ware, Ph.C.

"The Extractive of Ginger," by J. R. Walmsley, Ph.C., F.I.C., F.C.S., A.M.S.T.

"The Detection of Chlorides in Mercuric Oxide," by G. J. W. Ferrey, B.Sc., A.I.C.

"Tea Seed Oil and Its Use as an Adulterant of Olive Oil," by H. A. Caulkin, B.Sc. (Lond.), F.I.C.

"A Note on Antimony Trichloride and Some Factors Affecting Its Sensitivity as a Reagent for Vitamin A," by Frank Wokes, B.Sc., F.I.C.

## THE PHARMACIST AND THE LAW.

### LIABILITY FROM DRUG SENT ON TELEPHONE PRESCRIPTION.

(*Twombly v. Piette* (Vt.), 134 Atl. R 700.)

The Supreme Court of Vermont, in affirming a judgment for the plaintiff without stating the amount of the judgment, says that her evidence tended to show that her mother telephoned to the defendant physician telling him that the plaintiff had had mosquito bites on her head and had accidentally combed through them, so that they were causing her trouble with keeping her hair in curl, and that water came from them, and asking him if he could send something to put on to heal and stop them, in answer to which he said that he could, and would send a white powder to be put on those places. The powder was received and applied, and so burned the plaintiff's head that her mother telephoned to the defendant that her daughter could hardly bear it. The powder sent by the pharmacist, under the defendant's direction, was mercuric chloride. The defendant testified that, deciding from the description given him that the trouble was not mosquito bites, but impetigo, he called up the pharmacy by telephone and asked the pharmacist if he would send to the plaintiff's mother "1 ounce of mild chloride of mercury," to which the pharmacist answered yes; that the next thing that he knew about the matter was when he received word that the medicine burned the plaintiff's scalp, and he suggested that she be sent to him. The pharmacist testified that he was told by the defendant,

over the telephone, to send "1 ounce of bichloride of mercury."

The question whether the defendant ordered the pharmacist to send to the plaintiff's mother "bichloride of mercury" or whether it was "mild chloride of mercury," was submitted to the jury in a manner satisfactory to the defendant, the jury being told in that connection that, if the defendant told the pharmacist to send "mild chloride of mercury," and the pharmacist, through mistake, sent "bichloride of mercury," then the defendant was not responsible for the negligence or fault of the pharmacist, and the verdict must be for the defendant. The court further instructed the jury in effect that, it being conceded on behalf of the defendant that if he prescribed "bichloride of mercury" to be used on the plaintiff's scalp he was guilty of negligence as a physician in directing the pharmacist to send "bichloride of mercury," if he did so direct, this was a prescription of it, and, if that was the proximate cause of the injuries suffered by the plaintiff, she was entitled to recover in this action. Under the foregoing instructions, to which no exception was taken, the jury must have found that the defendant's order to the pharmacist was to send "bichloride of mercury," for it returned a verdict for the plaintiff.

The ruling of the trial court, rightly made this court thinks, without any exception thereto saved, that the defendant's act in calling up the pharmacist and directing him