

SOCIETIES AND COLLEGES.

SEVENTY-SEVENTH ANNUAL MEETING OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, ALEX JOHNSON HOTEL, RAPID CITY, SO. DAKOTA, AUGUST 26TH TO 31ST.

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

Aside from the entertainment features the following information will be of particular interest: Address by Dr. C. C. O'Harra, "The Black Hills and the Bad Lands;" by Dr. James H. Beal, "At the Bottom of the Well;" by Dean C. B. Jordan, "Professional Pharmacy," illustrated; by Dr. Charles H. Mayo, "The Chemistry of Nature." Report on A. Ph. A. Headquarters, Chairman H. A. B. Dunning.

Hotel Rates will be found on page 741 of the July JOURNAL; also the names of Committee Chairmen.

Railroad Rates.—See your Railroad Agent for attractive Summer Rates.

The Plant Science Seminar will be held at Game Lodge, August 19th to 24th; program in this Section.

The Research Conference will meet on Saturday, August 24th, at Alex Johnson Hotel; program in this Section.

The Conference of Pharmaceutical Secretaries will be held during the week of August 26th; program in this Section.

The Conference of Pharmaceutical Law Enforcement Officials will be held Monday, August 26th, at 8:00 P.M.—Alex Johnson Hotel.

Entertainment features of the week follow:

MONDAY, AUGUST 26TH.

Reception for Ladies, 3:00-5:00 P.M.
American Association Colleges of Pharmacy,
Dinner, 6:00 P.M.
National Association of Boards of Pharmacy,
Dinner, 6:00 P.M.
Informal Party, 9:30 P.M.

TUESDAY, AUGUST 27TH.

Tour of Rapid Canyon for all registered delegates and guests, 7:00 A.M.—12:00 M.
Dinner Phi Delta Chi Fraternity, 6:30 P.M.
Dinner Kappa Psi Fraternity, 6:30 P.M.
Musical and Bridge for Ladies, Badger Clark, South Dakota Poet, Masonic Temple, 8:00 P.M.
Other fraternity, alumni and other luncheons can be arranged for on Thursday and Friday, or on Tuesday, at the time of the other fraternity dinners.

WEDNESDAY, AUGUST 28TH.

Visit to Museum of School of Mines (for the ladies) 2:30 P.M.
AMERICAN PHARMACEUTICAL ASSOCIATION Banquet (Informal) (for all registered delegates and guests) 6:30 P.M.

THURSDAY, AUGUST 29TH.

Luncheon of Veteran Druggists, 12:00 M.
Trip to Hot Springs (for the ladies) 12:30 P.M.
Informal Dance, 9:30 P.M.

FRIDAY, AUGUST 30TH.

Bridge Tea, Country Club (for the ladies)
2:00 P.M.

SATURDAY, AUGUST 31ST.

Auto excursion to high points in Black Hills (for all registered delegates and guests)
8:00 A.M.

GENERAL PROGRAM FOR THE SEVENTY-SEVENTH ANNUAL MEETING, A. PH. A. AND AFFILIATED ORGANIZATIONS.

All official sessions of the meeting will be held in the Alex Johnson Hotel, Rapid City.

SATURDAY, AUGUST 24TH.

9:30 A.M. National Conference on Pharmaceutical Research.
2:00 P.M. National Conference on Pharmaceutical Research.
Program in this Section.

MONDAY, AUGUST 26TH.

8:30 A.M. Meeting of the Council, A. Ph. A.
9:30 A.M. National Association Boards of Pharmacy.
Program, see page 723, July Journal.
9:30 A.M. American Association Colleges of Pharmacy—Executive Committee; Teachers' Conferences:

Chemistry Conference; Practical Pharmacy Conference; Materia Medica, Pharmacognosy and Botany Conferences; Commercial Section.

Program, see page 743, July Journal.

- 12:00 M. Luncheon Meeting, Committee on Standards of Drugs and Chemical Products.
- 2:00 P.M. National Association Boards of Pharmacy.
- 2:00 P.M. American Association Colleges of Pharmacy.
- 3:00-5:00 P.M. Reception (for the ladies).
- 6:00 P.M. American Association Colleges of Pharmacy, Dinner.
- 6:00 P.M. National Association of Boards of Pharmacy, Dinner.
- 8:00 P.M. American Association Colleges of Pharmacy.
- 8:00 P.M. Conference of Pharmaceutical Law Enforcement Officials.
- 9:30 P.M. Informal Dance.

TUESDAY, AUGUST 27TH.

- 7:00 to 12:00 A.M. Tour of Rapid Canyon.
- 2:00 P.M. Joint Session National Association Boards of Pharmacy and American Association of Colleges of Pharmacy.
- 6:30 P.M. Fraternity Dinners.
- 7:30 P.M. First Session House of Delegates, A. PH. A.
- 8:30 P.M. National Association Boards of Pharmacy.
- 8:30 P.M. American Association of Colleges of Pharmacy.

WEDNESDAY, AUGUST 28TH.

- 9:00 A.M. First General Session, A. PH. A.
- 1:30 P.M. House of Delegates, A. PH. A.
- 2:30 P.M. Visit to museum of the School of Mines (for the ladies).
- 3:30 P.M. First Session Scientific Section.
First Session Section on Commercial Interests.
First Session Section on Historical Pharmacy.
- 4:30 P.M. Conference of Pharmaceutical Association Secretaries.
- 6:30 P.M. AMERICAN PHARMACEUTICAL ASSOCIATION Banquet, Informal, followed by dancing.

THURSDAY, AUGUST 29TH.

- 9:00 A.M. Council, A. PH. A.
- 9:00 A.M. First Session Section on Education and Legislation.
First Session Section on Practical Pharmacy and Dispensing.
Second Session Section on Historical Pharmacy.
- 12:00 M. Luncheon of Veteran Druggists.
- 12:30 P.M. Trip to Hot Springs (for the ladies) (courtesy of the members of South Dakota Pharmaceutical Association).
- 2:00 P.M. General Session, A. PH. A.
- 4:30 P.M. Conference of Pharmaceutical Association Secretaries.
- 8:00 P.M. Joint Session Scientific Section and the Section on Practical Pharmacy and Dispensing.
Second Session Section on Commercial Interests.

FRIDAY, AUGUST 30TH.

- 9:00 A.M. House of Delegates, A. PH. A.
- 2:30 P.M. Bridge Tea (for the ladies) at Country Club.
- 2:30 P.M. Second Session Scientific Section.
Second Session Section on Practical Pharmacy and Dispensing.
Second Session Section on Education and Legislation.
- 7:00 P.M. Final Session House of Delegates.
- 9:00 P.M. Final General Session, A. PH. A.
- 10:00 P.M. Reorganization Meeting of the Council, A. PH. A.

SATURDAY, AUGUST 31ST.

- 8:00 A.M. Auto excursion to high points in Black Hills.

THE GENERAL SESSIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

Association Officers: *President*, D. F. Jones; *Honorary President*, F. E. Stewart; *First Vice-President*, A. W. Pauley; *Second Vice-President*, W. H. Zeigler; *Secretary*, E. F. Kelly; *Treasurer*, C. W. Holton; *Editor of the Year Book*, A. G. DuMez; *Editor of the Journal*, E. G. Eberle.

Officers Elect: *President*, H. A. B. Dunning; *First Vice-President*, A. L. I. Winne; *Second Vice-President*, W. B. Goodyear; *Members of the Council* (for three years), J. H. Beal, C. E. Caspari, C. H. LaWall; *Member of the Council* (for one year, to fill the unexpired

term of the late Geo. M. Beringer), W. Bruce Philip.

Sessions: Wednesday, August 28th, 9:00 A.M.; Thursday, August 29th, 2:00 P.M.; Friday, August 30th, 9:00 P.M.

WEDNESDAY, AUGUST 28TH, 9:00 A.M.—*First General Sessions.*

1. Reading of Communications.
2. Address, Dr. C. C. O'Harra, "The Black Hills and the Bad Lands."
3. Report of the Secretary, E. F. Kelly.
4. Report of the Treasurer, C. W. Holton.
5. Report of the House of Delegates, Ambrose Hunsberger, *Chairman*.
6. Address of the President, D. F. Jones.
7. Address, James H. Beal, "At the Bottom of the Well."
8. New Business.

THURSDAY, AUGUST 29TH, 2:00 P.M.—*Second General Session.*

1. Minutes of the First General Session.
2. Reading of Communications.
3. Report of the House of Delegates.
4. Report of the Headquarters Building Campaign Committee.
5. Report of the Headquarters Building Site Committee.
6. Report of the Headquarters Building Plans Committee.
7. Address (Illustrated), Dean C. B. Jordan, "Professional Pharmacy."
8. Unfinished business.
9. New business.

FRIDAY, AUGUST 30TH, 9:00 P.M.—*Final General Session.*

1. Minutes of the Second General Session.
2. Reading of Communications.
3. Final Report of the House of Delegates.
4. Unfinished Business.
5. Presentation of the Ebert Prize.
6. Address, Dr. Charles H. Mayo, "The Chemistry of Nature."
7. Installation of Officers.
8. Final Adjournment.

COUNCIL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

Officers and Members of the Council: *Chairman*, S. L. Hilton; *Vice-Chairman*, Charles H. LaWall; *Secretary*, E. F. Kelly; H. C. Christensen, H. A. B. Dunning, J. A. Koch, J. H. Beal, W. B. Day, H. V. Army, T. J. Bradley.

Ex-Officio Members: *President*, D. F. Jones; *First Vice-President*, Ambrose Hunsberger; *Second Vice-President*, A. W. Pauley; *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*, Ambrose Hunsberger.

Sessions: Monday, August 26th, 9:00 A.M.; Thursday, August 29th, 9:00 A.M.; Friday, August 30th, 10:00 P.M.—*Reorganization Meeting of the Council.*

HOUSE OF DELEGATES OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

Officers: *Chairman*, Ambrose Hunsberger; *Vice-Chairman*, Robert L. Swain; *Secretary*, E. F. Kelly.

Sessions: Tuesday, August 27th, 7:30 P.M.; Wednesday, August 28th, 1:30 P.M.; Friday, August 30th, 9:00 A.M., and 7:00 P.M.—*Final Session of the House of Delegates.*

TUESDAY, AUGUST 27TH, 7:30 P.M.—*First Session.*

1. Roll Call of Delegates.
2. Reception of Fraternal Delegates.
3. Opening Remarks by the Chairman, Ambrose Hunsberger.
4. Appointment of Committee on Nominations.
5. Appointment of Committee on Resolutions.
6. Annual Report of the Council, S. L. Hilton, *Chairman*.
7. Receipt of resolutions, reports and other communications, all of which must be in writing.
8. New Business.

WEDNESDAY, AUGUST 28TH, 1:30 P.M.—*Second Session.*

1. Roll Call of Delegates.
2. Minutes of the First Session.
3. Receipt of reports and other communications from the ASSOCIATION, the Council and the Sections.
4. Receipt of resolutions, reports and other communications, all of which must be in writing.
5. Reports of the Committees on Legislation, on Cosmetics, on Pharmacy Corps in U. S. Army, on the U. S. P., on the Recipe Book and on Survey of Pharmacy and of Pharmaceutical Education.

6. Election of the Honorary President, Secretary and Treasurer of the ASSOCIATION upon nomination of the Council.
7. Report of the Committee on Nominations.
8. Report of the Committee on Place of Meeting.
9. Report of the Committee on Resolutions.
10. Unfinished Business.
11. New Business.

FRIDAY, AUGUST 30TH, 9:00 A.M.—*Third Session.*

1. Roll Call of Delegates.
2. Minutes of the Second Session.
3. Receipt of reports and other communications from the ASSOCIATION, the Council and the Sections.
4. Receipt of resolutions, reports and other communications all of which shall be in writing.
5. Reports of the Committees on Local Branches, on Membership, on Transportation, on Pharmaceutical Syllabus, on Pharmacy Week, on Horticultural Nomenclature, on Physiological Testing, on Weights and Measures, on William Procter, Jr., Memorial Fund, on International Nomenclature, on Standards of Drugs and Chemical Products, on Coöperative Publicity, on Prerequisite Legislation and on Patents and Trade-Marks.
6. Reports of Delegates.
7. Report of the Committee on Resolutions.
8. Unfinished Business.
9. New Business.

FRIDAY, AUGUST 30TH, 7:00 P.M.—*Final Session.*

1. Roll Call of Delegates.
2. Minutes of the Third Session.
3. Receipts of reports and other communications from the ASSOCIATION, the Council and the Sections.
4. Receipt of resolutions, and other communications all of which shall be in writing.
5. Final report of the Committee on Resolutions.
6. Unfinished Business.
7. Installation of the Chairman and Vice-Chairman of the House of Delegates.
8. Final Adjournment.

THE SECTIONS OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

SCIENTIFIC SECTION.

Officers: *Chairman*, JAMES C. MUNCH; *First Vice-Chairman*, H. A. LANGENHAN; *Second Vice-Chairman*, W. G. CROCKETT; *Secretary*, L. W. ROWE; *Delegate to the House of Delegates*, PAUL S. PITTENGER.

Sessions: Wednesday, August 28th, 3:30 P.M. Adjourned session, Thursday, August 29th, 9:00 A.M. Adjourned session, Thursday, August 29th, 4:00 P.M. Joint Session with Section on Practical Pharmacy and Dispensing, Thursday, August 29th, 8:00 P.M. Second session, Friday, August 30th, 2:00 P.M.

WEDNESDAY, AUGUST 28TH, 3:30 P.M.—*First Session.*

1. *Chairman's Address.*
2. *Secretary's Report.*
3. *General Business.*

Papers.

4. *Chemistry.*

"Methylene Blue, U. S. P. as Precipitant of Irish Moss," George E. Éwe.

"Food as a Preventive Medicine," E. A. Ruddiman.

"The Mercuration of Phthaleins in Neutral Solution with Bichloride of Mercury," F. R. Greenbaum.

"Methoxyl Content as a Criterion of the Composition of Creosote," D. V. Sickman and R. P. Fischelis.

"Aluminum as a Substitute for Zinc in the U. S. P. Test for Arsenic," E. A. Southworth, E. O. Prather, Jr., and W. F. Ambroz.

"The Rate of Oxygen Adsorption When Carstanjen's Compound Is Treated with Alkali Hydroxide," A. A. Harwood and Edward Kremers.

"The Inorganic Constituents of Echinacea," S. H. Culter and Edward Kremers.

"The Heats of Formation of the Alcohols of Chloral," S. Clichik and Edward Kremers.

"Cinnamal Hydroxy Sulphonates of the Alkali Metals," S. S. Chao and Edward Kremers.

"Gleditschia Triacanthos Linné, a Preliminary Report on the Chemistry of the Fruit," Loyd E. Harris.

"Turkish Rhubarb," R. A. Konnerth and R. E. Schoetzow.

"Assay of Ointment Yellow Mercury Oxide," L. W. Greene and R. E. Schoetzow.

"Quantitative Analytical Methods for the Study of Peroxide Formation in Ether," R. Van Winkle and W. G. Christiansen.

"Catalytic Dehydrogenation of Iso Propyl Alcohol," W. A. Lott and W. G. Christiansen.

"The Preparation of Cyclopropane," W. A. Lott and W. G. Christiansen.

"Studies of the Analysis and Chemistry of Nearsphenamine. II. Studies on the Chemistry of Sodium Formaldehyde Sulphoxylate and Their Relation to the Structure of Nearsphenamine," Alfred F. Jurist and W. G. Christiansen.

"An Empiric Assay for Compound Pills of Mercurous Chloride," L. E. Warren.

"Coal Tar Food Colors," Seward E. Owen.

"Amino Alcohols: 4. Reactions with Alkaloidal Reagents," J. C. Munch and W. H. Hartung.

"Amino Alcohols. 5. A Potentiometric Study of Certain Homologues of Ephedrine," John C. Krantz, Jr., and W. H. Hartung.

"Ultraviolet Transmission of Liquids," Ellery H. Harvey.

"Olive Oil, Fluorescence in Ultraviolet Light," L. Deuble and R. J. Schoetzow.

"Reaction between Formaldehyde and Hydrogen Peroxide and a Quantitative Method Based Thereon," Arno Viehoever and K. Shinohara.

ADJOURNED SESSION, THURSDAY, AUGUST 29TH,
9:00 A.M.

5. *Pharmacology and Bio-assays.*

"A Comparison of Methods for Demonstrating Healing of Rickets in the Biological Test for Vitamin D," C. F. Church and J. R. Lockwood.

"Assimilation of Vitamin A When Dissolved in Liquid Petrolatum," B. Moness and W. G. Christiansen.

"The Vitamin Potency of Various Grades of Cod Liver Oil," W. S. Jones and W. G. Christiansen.

"The Effect of Certain Hypoglycemic Drugs upon the Seedlings of *Lupinus Albus*," John C. Krantz, Jr.

"The Bio-assay of Capsicum and Chillies," J. C. Munch.

"The Anthelmintic Qualities of Pepo and Cucurbita Pepo," James S. Neely and Edward D. Davy.

"Notes on Cascara Sagrada," Milford J. Harris and Edward D. Davy.

"The New Remedy Business: Its Uses and Abuses," F. E. Stewart.

The Assay of Pancreatin," F. E. Willson.

"Critical Remarks on the U. S. P. Pancreatin Assays," F. E. Willson.

"Further Studies of the Cat-Eye Method for the Bio-assay of Mydriatics and Miotics," J. C. Munch.

"Red Squill Powders as Specific Raticides," J. C. Munch, E. E. Horn, J. Silver.

"The Delicacy of Chemical and Physiological Tests for Strychnine," J. C. Munch and J. C. Ward.

"Bio-assay of Aconite and Its Preparations. 2. The Comparative Toxicity of Tincture and Fluidextract of Aconite to Guinea-Pigs and Rats," J. C. Munch and R. I. Grantham.

"Bio-assay of Aconite and Its Preparations. 3. The Pharmacology and Pharmacognosy of Various Species of Aconitum," J. C. Munch and H. H. Crosbie.

"Amino Alcohols. 3. The Potentiation of the Action of Epinephrine by Arylpropanolamines," J. C. Munch and W. H. Hartung.

"An Air Interrupter for Artificial Respiration," A. R. Bliss, Jr., and T. H. Allen.

"Digitalis Assay Standards," L. W. Rowe.

"Studies of Astringency: A Method of Measuring Astringency," E. R. Theis.

"The Pressor Assay of Epinephrine-Novocaine Mixtures," J. C. Munch and W. A. Deckert.

"Effect of Digitoxin on the Heart of *Daphnia*," Arno Viehoever and A. McReyya.

"Effect of Digitonin on the Heart of *Daphnia*," Arno Viehoever and M. Teubis.

"Transparent Life," Arno Viehoever.

"The Therapeutic Activity of Nearsphenamine," Alfred E. Jurist and W. G. Christiansen.

"The Pharmacology of Ergot with Respect to Biological Assays and Standards," Marvin R. Thompson.

"Criminal Drug Adulteration," H. W. Ambruster.

ADJOURNED SESSION, THURSDAY, AUGUST 29TH,
4:00 P.M.

6. *Report of Committee on Chairman's Address.*
7. *Report of Committee on Nominations.*
8. *Bacteriology.*
"A Thought on the Place of Volatile Oils in Plant Economy," Frederick E. Marsh.
"Report on a Splendid Example of Co-operative Research, Josiah C. Peacock.
9. *Pharmacognosy and Botany.*
"A Comparison of the Tissue Toxicity and Germicidal Power of Germicides," Lester C. Himebaugh and Emil C. Fanto.
"Botanical, Pharmacological and Chemical Study of the Root and Stem Bark of *Viburnum Ruridulum*," H. W. Youngken, James C. Munch and F. J. Amrhein.
"Medicinal Herbs of the Great Smoky Mountains," K. E. Bennett.
"Native Drug Plants of Nebraska," E. T. Stuhr.
"Pacific Coast Drug Plants," E. T. Stuhr.
"Oregon Drug Plants," E. T. Stuhr.
"An Investigation of Oregon Grown Peppermint," Alice H. Hayden and E. T. Stuhr.
"A Phyto-Chemical Study of *Pycnanthemum Miticans* (Mountain Mint)," H. W. Werner.
"Polypodium Occidentale. (Licorice Fern)," F. J. Goodrich.
"A Preliminary Study of the Constituents of *Anaphalis Margaritacea*," E. C. Baillie and Nellie Wakeman.
"Comments on U. S. P. X Test for Rhapontic Rhubarb," R. A. Konnerth and R. E. Schoetzow.
"Black Chokeberry Bark, *Aronia melanocarpa* var. *grandifolia* as a Recent Substitute for 'Shonny Haw,'" H. W. Youngken.
"Study of Peppermint Oil Grown in the State of Washington," A. A. Levine and C. H. Rayburn.
"Umbellularia Californica, Nutt," F. A. Nielson and H. M. Burlage.
"The Seed of *Euphorbia Marginata*, Pursh.," L. E. Harris and Margaret Gallagher.

"Histology and Microchemistry of Digitalis Seed," Arno Viehoveer and K. Shinohara.

"Pharmacognosy of Psyllium Seed," Arno Viehoveer and E. L. McLaughlin.

Joint Session Scientific Section and Section on Practical Pharmacy and Dispensing.

THURSDAY, AUGUST 29TH, 8:00 P.M.

10. *Report on the U. S. Pharmacopœia*, F. Fullerton Cook.
11. *Report on National Formulary*, Wilbur L. Scoville.
12. *Report on Recipe Book*, E. Leon Lascoff.
13. *Report of Committee on Ebert Prize*, L. W. Rowe.
14. *Symposium on Bacteriology of U. S. P. and N. F.*
"The Antiseptic Action of U. S. P. and N. F. Ointments," George F. Reddish.
"Reddish Germicidal Tests on Antiseptics of the U. S. P. and N. F.," I. E. Himebaugh.

FRIDAY, AUGUST 30TH, 2:00 P.M.—*Second Session.*

15. *Pharmaceutical Subjects.*
"A Study of the Stability of Solution of Arsenous and Mercuric Iodide U. S. P. X," W. J. Husa and W. W. F.ENZ.
"Haziness of Final Chloroformic Extractions in Alkaloidal Assaying," George E. Éwe.
"The Influence of Light upon the Hydrogen-Ion Concentration and Stability of Certain Pharmaceuticals," John C. Krantz, Jr., and C. Jelleff Carr.
"Studies on the Acid-Base Equilibrium of Tincture of Digitalis," John C. Krantz, Jr.
"Effects of Buffering the External Phase upon the Stability of Emulsions," John C. Krantz, Jr.
"Suggestions Relative to U. S. P. X Revision," Jules Bebie.
"Comments on Some Tests and Assays of the U. S. P. X," Herbert C. Kassner.
"VI. The Standardization and Stabilization of Veratrum Preparations: The Hydrogen-Ion Concentration Factor," E. E. Swanson and C. C. Hargreaves.
"VII. The Standardization and Stabilization of Ergot Preparations: The Hydrogen-Ion Concentration Factor," E. E. Swanson.

"Stability of Anesthetic Ether in Containers of Various Types," E. Van Deripe, L. W. Greene and R. E. Schoetzow.

"The Bellier Test for Sesame Oil," E. Fullerton Cook.

"Renin: Its Deterioration and Comments on the N. F. V Monograph," L. D. Havenhill.

"Evaluation of Pharmaceutical Glassware," N. Storm and James C. Munch.

16. *Reports of Committees.*

17. *Nomination of Officers.*

18. *New Business.*

19. *Unfinished Business.*

20. *Election and Installation of Officers.*

21. *Adjournment.*

SECTION ON EDUCATION AND LEGISLATION.

Officers: *Chairman*, A. L. I. WINNE; *Vice-Chairman*, L. D. HAVENHILL; *Secretary*, GLENN L. JENKINS; *Delegate to House of Delegates*, M. N. FORD; *Alternate Delegate*, CHARLES F. POE.

Sessions: Thursday, August 29th, 9:00 A.M.; Friday, August 30th, 2:30 P.M.

THURSDAY, AUGUST 29TH, 9:00 A.M.—*First Session.*

1. *Chairman's Address*, A. L. I. Winne.

2. *Secretary's Report*, Glenn L. Jenkins.

3. *Papers.*

"The Parker Bill," E. F. Kelly.

"Educating the Public on the Profession of Pharmacy," D. B. R. Johnson.

"The Proposed Transfer of Prohibition Enforcement from the Treasury Department to the Department of Justice," James H. Beal.

"Student Branches of the A. Ph. A.," B. V. Christensen.

"Pharmacy Needs an Objective Policy," Robert L. Swain.

"Teacher Training in Pharmacy," E. T. Motley.

"What the Food, Drug and Insecticide Administration Is Doing for Pharmacy," L. E. Warren.

"What the Pharmacist May Do for Himself," E. C. Brokmeyer.

4. *Appointment of Committee on Nominations.*

FRIDAY, AUGUST 30TH, 2:30 P.M.—*Second Session.*

Papers.

"Bromatotherapy and the Drug Store," L. F. Kebler.

"The Neighborhood Store—How to Train Men for It," Wortley F. Rudd.

"The Pharmacy Corps Bill," S. L. Hilton.

"Many Candidates Fail State Board Examinations in District No. 3. Why?," Rudolph H. Raabe.

"Comments on the Revocation of Permits Issued under the National Prohibition Act," W. Bruce Philip.

"The Junior College in Relation to Pharmaceutical Education," Frederick J. Wulling.

"Summary of Regulations Governing the Sale of Drugs and Medicines in Sweden," Knut Sjöberg.

5. *Report of Committees.*

6. *Unfinished Business.*

7. *Election of Officers.*

8. *Adjournment.*

SECTION ON PRACTICAL PHARMACY AND DISPENSING.

(Pharmacopœias, Formularies and Standards.)

Officers: *Chairman*, P. H. DIRSTINE; *Vice-Chairman*, E. O. LEONARD; *Secretary*, H. C. NEWTON; *Delegate to House of Delegates*, H. A. LANGENHAN.

Sessions: Thursday, August 29th, 9:00 A.M.; Thursday, August 29th, 8:00 P.M., Joint Session with the Scientific Section; Friday, August 30th, 2:30 P.M.

THURSDAY, AUGUST 29TH, 9:00 A.M.—*First Session.*

1. *Chairman's Address*, P. H. Dirstine.

2. *Secretary's Report*, H. C. Newton.

3. *General Business.*

The papers of this Section will be re-arranged in the Official Program.

4. *Papers.*

"Preparation of Enteric-Coated Capsules," S. L. Hilton.

"A Survey of the Prescription Business in the City of Buffalo," Leon Monell.

"Prescription Bottles," William J. Husa. Subject to be announced, Robert J. Ruth.

"A New Explanation of an Old Incompatibility—That between Glycerin and Sodium Borate," Charles W. Bauer.

"A Method for the Quantitative Estimation of Chloroform in Chloroform Lini-ment," Alfred C. Andersen.

"A Prescription Containing Guaiac and Acacia," John C. Krantz, Jr., and C. Jelleff Carr.

"A Further Study of the Incompatibility between Sodium Bicarbonate and Sodium Salicylate," John C. Krantz, Jr., and C. Jelleff Carr.

"Who Is to Blame?" J. Leon Lascoff.

5. *Appointment of Committees.*

Joint Session with Scientific Section and Section on Practical Pharmacy and Dispensing.

Session: Thursday, August 29th, 8:00 P.M.

For Program—See Program of Scientific Section.

FRIDAY, AUGUST 30TH, 2:30 P.M.—Second Session.

"Preparation of Ampuls," S. L. Hilton.

"Clinical Laboratory Work a Prescription Aid," Lee S. Coy.

"Pharmaceutical Practicalities," Robert J. Ruth.

"Physicians' Prescriptions in Relation to the U. S. P. and N. F. Preparations," P. J. Kolb.

"A National Pharmacy Welfare Fund," Edward Swallow.

"The Manufacture and Dispensing of U. S. P. Digitalis Preparations," Robert P. Fischelis.

"Commercial Aspects of Professional Pharmacy," H. S. Noel.

6. *Unfinished Business.*

7. *Reports of Standing Committee. Committee on Creation of Pharmacy Flag.*

8. *Report of Committee on Nominations.*

9. *Election and Installation of Officers.*

10. *Adjournment.*

Order of program subject to change.

SECTION ON COMMERCIAL INTERESTS.

Officers: *Chairman*, R. B. ROTHROCK; *Vice-Chairman*, DENNY BRANN; *Secretary*, JOSEPH G. NOH; *Delegate to the House of Delegates*, C. LEONARD O'CONNELL.

Sessions: Wednesday, August 28th, 3:30 P.M.; Thursday, August 29th, 8:00 P.M.

WEDNESDAY, AUGUST 28TH, 3:30 P.M.—First Session.

1. *Chairman's Address*, R. B. Rothrock.
2. *Report of Secretary*, Joseph G. Noh.
3. *Appointment of Committees.*

4. *General Business.*

5. *Papers.*

"An Old-Fashioned Drug Store in a Modern Setting," Thomas Roach.

"The Ethics of Commercialism," V. C. Michels.

"Dividing Your Inventory to Find Your Proper Rate of Turnover," W. Bruce Philip.

"The Independent Retail Drug Store—A National Necessity," R. F. Lee Williamson.

"Activities of Druggists Research Bureau, F. L. Newcomb.

"A Five-Foot Shelf of Journals," E. H. Niles.

"Discussions on Business Subjects."

THURSDAY, AUGUST 29TH, 8:00 P.M.—Second Session.

Papers.

"The Ethics of Commercialism," V. C. Michels.

"Difference between Yugoslavian and American Drug Stores," Alexander D. Tchalovsky.

"Why Not Establish a Regular Fee for the Pharmaceutical Profession?" Edward Swallow.

"Discussion on Business Subjects."

"Shall the Independent Druggist Sink or Swim? It Depends upon His Initiative and Effort," H. W. Heine.

"Keeping Independent," Edward S. Rose.

6. *Reports of Committees.*

7. *Unfinished Business.*

8. *Election and Installation of Officers.*

9. *Adjournment.*

SECTION ON HISTORICAL PHARMACY.

Officers: *Chairman*, LYMAN F. KEBLER; *Secretary*, GEORGE D. BEAL; *Delegate to House of Delegates*, AMBROSE MUELLER; *Historian*, E. G. EBERLE.

Sessions: Wednesday, August 28, 3:30 P.M.; Thursday, August 29th, at 9:00 A.M.

PROGRAM.

WEDNESDAY, AUGUST 28TH, 3:30 P.M.—First Session.

1. *Chairman's Address*, "The First Professor of Chemistry and Pharmacy of the South Dakota State College," Lyman F. Kebler.

2. *Secretary's Report*, George D. Beal.
3. *Report of the Historian*, F. G. Eberle.
4. *Appointment Committee on Nominations*.
5. *Papers*.

"Physics in Pharmacy, Part II," John Uri Lloyd, Wolfgang Ostwald and Walter Haller.

"History of Sharp & Dohme, 1845-1929," Alfred R. L. Dohme.

"Reminiscences of Early Pharmacy in Baltimore," David M. R. Culbreth.

"Writing Pharmaceutical Biography and History," Edward Kremers.

"Tom, the Doctor's Apprentice," Edward Kremers.

"Flueckigeriana, IV: Lloyd's Conference with Flueckiger in New York," Edward Kremers.

"LeMort's Pharmacia," Edward Kremers.

"Kava Kava (Piper methysticum). Its Ceremonial Uses in the Samoan Islands," John Thomas Lloyd.

"The Birth of the Scientific Journal," Fred B. Kilner.

THURSDAY, AUGUST 29TH, 9:00 A.M.—*Second Session*.

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

Papers.

"History of the Illinois Pharmaceutical Association," W. B. Day.

"Reciprocity in Pharmaceutical Licensure," H. C. Christensen.

"Pharmacy in West Virginia," Roy B. Cook.

"Pharmaceutical History Is Being Made," Robert J. Ruth.

Title to be announced, Frederick J. Wulling.

"Three Pioneers and Their Activities in Initiating Federal Food and Drug Legislation," Lyman F. Kebler.

"George Thorndike Angell, the Fearless Pioneer for Pure Food and Drugs, and the Friend of Those Who Could Not Speak for Themselves," Lyman F. Kebler.

"Medical and Pharmaceutical Knowledge of Balzac," L. E. Warren.

"Garcia da Orta and the First Description of Asiatic Plant Drugs by a European," Louis H. Roddis.

"A Half Century of Pharmacy in Kansas," Mathias Noll.

"Gmelin, a German Family of Pharmacists, Chemists and Botanists," Otto Raubenheimer.

"Pharmacy in Classical Antiquity," Leo R. A. Suppan.

7. *Reports of Committees*.
8. *New Business*.
9. *Unfinished Business*.
10. *Election and Installation of Officers*.
11. *Adjournment*.

PLANT SCIENCE SEMINAR.

August 19 to August 23, 1929, at the Game Lodge in Custer State Park, Rapid City, South Dakota.

Officers: *Chairman*, C. E. F. MOLLETT; *Secretary*, O. P. M. CANIS.

MONDAY, AUGUST 19TH.

- 10:00 A.M. "Greetings and Registration." Meeting of the Entertainment Committee: E. N. Gathercoal, E. R. Serles, E. B. Fischer. General "Get Together" Meeting. Luncheon.
- 2:00 P.M. "Welcome to the West," by President D. F. Jones of the A. Ph. A. "Welcome to South Dakota," by Dr. C. C. O'Harra, President of So. Dakota School of Mines. "Introduction of Representatives and Delegates." "Opening Address," by the Chairman C. E. F. Mollett. Exploring of Camp and Surrounding Territory.
- 6:00 P.M. Dinner.
- 8:00 P.M. Camp Fire Stories and Singing.

TUESDAY, AUGUST 20TH.

- 9:00 A.M. "Address" by Dr. E. L. Newcomb. Founder of the Seminar and Secretary. "Flora of the Black Hills," by Prof. A. C. Mackintosh, Head of the Department of Biology of the So. Dakota School of Mines. "Talk on the Geology of the Black Hills." Luncheon. Exhibition of Specimens for Exchange.

- 2:00 P.M. Field Trip—Collection of Specimens and Sight-Seeing, Leaders: Messrs. Mackintosh, Rang and Petry.
- 6:00 P.M. Dinner.
- 8:00 P.M. Camp Fire Stories.

WEDNESDAY, AUGUST 21ST.

- 9:00 A.M. Report of the Committee of the National Research Council on Pharmaceutical Botany and Pharmacognosy by Chairman H. W. Youngken.
- Color Nomenclature of the U. S. P. and N. F. (further studies) by E. N. Gathercoal.
- Discussion opened by Messrs. Fischer, Darbaker, Viehoever, Schwartz and Bacon.
- Luncheon.
- 2:00 P.M. Field and Collecting Trip, Leaders: Messrs. Mackintosh, Rang and Petry.
- 6:00 P.M. Fish Fry and Lunch in the Hills.
- 8:00 P.M. Informal Dancing in the Pavilion.

THURSDAY, AUGUST 22ND.

- 9:00 A.M. "Ecology and Pharmacognosy," by Prof. O. P. M. Canis.
- Discussion opened by Messrs. Youngken, Mollett, and Christensen.
- "Medicinal Flora of Montana and the Yellowstone Park," by C. E. F. Mollett.
- "A Glossary of Histological Terms," by Heber W. Youngken.
- Discussion opened by Messrs. Canis, Plitt, Gathercoal, Wirth and Mollett.
- Luncheon.
- 2:00 P.M. Collection Trip and visit to the South Dakota School of Mines. Inspection of Herbarium. Invitation of Dr. C. C. O'Harra of the School of Mines. Leader: Prof. Mackintosh.
- Dinner and Theater in Rapid City.

FRIDAY, AUGUST 23RD.

- 9:00 A.M. "Tropical Drug Plants (illustrated)," by B. V. Christensen.
- "Medicinal Plants of Northern Ohio," by F. J. Bacon.

- 11:00 A.M. Business Meeting.
- Report of Secretary and Committees.
- Unfinished Business.
- New Business.
- Election of Officers.
- Adjournment.
- Luncheon.

The afternoon will be devoted to preparing and packing of specimens for shipping. (Driers and packing material will be available.) Return to Rapid City in the evening, to be ready for the meeting of the National Research Conference at the School of Mines, Saturday, 8:30 P.M.

NATIONAL CONFERENCE ON PHARMACEUTICAL RESEARCH.

The eighth annual meeting of the National Conference on Pharmaceutical Research will be held at the School of Mines, Rapid City, S. D., on Saturday, August 24, 1929. The opening session of the Conference will begin at 9:30 A.M.

The order of business will be as follows:

1. Roll Call.
2. Report of Officers.
3. Conferences of the Standing Committees, 10 A.M. to 12:30 P.M.
4. Reports of the Standing Committees.
5. Report of Special Committee on Color Standards.
6. Report of Special Committee on Book of Research Achievements.
7. Report of the Special Committee on Ways and Means and on Expansion.
8. Action on proposed changes in Constitution and By-Laws (see Bulletin No. 5).
9. Reports and Greetings from Delegates from Affiliated Organizations *viz.*:
 - (a) Association of Official Agricultural Chemists.
 - (b) American Association of Colleges of Pharmacy.
 - (c) American Drug Manufacturers' Association.
 - (d) AMERICAN PHARMACEUTICAL ASSOCIATION.
 - (e) American Pharmaceutical Manufacturers' Association.
 - (f) Bureau of Chemistry, U. S. Department of Agriculture.

- (g) Druggists' Research Bureau.
 - (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.
10. Reports on and discussions of:
- (a) Census of Research.
 - (b) Graduate Students in Pharmacy and their Research Work.
 - (c) Research Grants and Prizes.
 - (d) Research Fellowships and Scholarships.
11. New Business.
12. Election.
13. Adjournment.

CONFERENCE OF PHARMACEUTICAL ASSOCIATION SECRETARIES.

AUGUST 28-29, 1929.

WEDNESDAY, AUGUST 28TH, 4:30 P.M.—*First Session.*

1. Call to Order.
2. Calling of Roll.
3. Address of President, John Culley.
4. Report of Secretary-Treasurer, J. G. Noh.
5. Reports of Officers and Committees.
6. Election of Members.
7. Paper—"Commercial Clinics for State Associations," by J. G. Beard, North Carolina.
8. Round Table Discussions on: "How to Increase and Hold Membership," to be led by C. J. Clayton, Colorado.
9. "New Services for Members" to be led by W. Bruce Philip, California.

THURSDAY, AUGUST 29TH, 4:30 P.M.—*Second Session.*

1. Reading of Minutes.
2. Unfinished Business.
3. Paper—"How Association Secretaries May Help Secure Commissions in the U. S. Army for Pharmacists," by A. L. I. Winne, Virginia.

4. Round Table Discussions on: "Merging Associations," to be led by W. D. Adams, Texas.
5. "Auxiliary Membership in State Associations," to be led by W. E. Bingham, Alabama.
6. "The Unit Plan" to be led by W. H. Lamont, Missouri.
7. "Legislative Activity of State Associations," to be led by R. P. Fischelis, New Jersey.
8. Election and Installation of Officers.
9. Adjournment.

ANNUAL JOINT MEETING OF THE EXECUTIVE COMMITTEES OF N. A. R. D. AND OF A. PH. A.

The annual Joint Meeting of the Executive Committees of the National Association of Retail Druggists and of the AMERICAN PHARMACEUTICAL ASSOCIATION will be held at Alex Johnson Hotel, Rapid City, Tuesday, August 27th, at 3:00 P.M.

INFORMAL CONFERENCE U. S. P. REVISION COMMITTEE MEMBERS AND BOARD OF TRUSTEES.

An Informal Conference of members of the Revision Committee of United States Pharmacopœia and Board of Trustees has been called by Chairman E. Fullerton Cook, for Tuesday evening, August 27, 1929, at 9:30 P.M. at Rapid City.

KANSAS PHARMACY LAW REGISTRATION REQUIREMENTS.

Secretary Roy C. Reese of Kansas Pharmaceutical Association calls attention that all drug clerks, who had had six months or more experience previous to May 28th and who wish to be eligible to take the Kansas State Board examination under the old law within the next five years, must fill out an apprentice application—the blue one supplied by A. H. King, Secretary of the State Board—and have it back in his hands by August 28th. These apprentice applications are for citizens of Kansas only, as the new law applies now to those not residents of Kansas. All registered assistants who have not served two years as an assistant should register as an apprentice if they wish to take the examination for full registration before the two years are up. The State Board allows everyone with four year's experience to take the full registration examination regardless of whether they are registered assistants or not.