

Mrs. Edward A. Dougherty, Mrs. Ralph W. Boyd, Mrs. Herbert Bond and Mrs. Willard G. Macomber. Mrs. Kennedy was in her sixty-seventh year.

A monument has been erected in Breslau (Magdalen Cemetery) in memory of Prof. Dr. J. Gadamer, late director of the department of pharmaceutical chemistry, University of Marburg. Dr. Gadamer was an honorary member of the AMERICAN PHARMACEUTICAL ASSOCIATION.

Leroy A. Lallance, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, died at his home in Bradenton, Fla., April 4th, after an illness extending over a period of about six months.

Mr. Lallance was an alumnus of the School of Pharmacy of the University of Ohio, also a graduate of The Linsley Military School at Wheeling, W. Va. For a number of years he owned a pharmacy in Wheeling and, later, became associated with the Ohio Valley Drug Company. About four years ago he moved with his family to Bradenton, Fla., where he became manager of the Thomas Pharmacy and, thereafter, was associated with the Charlotte Bay Pharmacy at Punta Gorda.

The deceased was a member of Phi Gamma Delta fraternity of Ohio State University and

deeply interested in pharmacy. He is survived by his mother, widow and one son. Funeral ceremonies were held at Bradenton, and final services took place at Wheeling, W. Va.

Elmer D. Michener, president of the Philadelphia Association of Retail Druggists, died May 24th. He had been suffering for more than a month with a serious heart affection, but a rest at Atlantic City seemed to have improved his condition very much. Several days prior to his passing he had taken several drives with his wife and both were hopeful of returning strength.

The deceased was born in Duncannon, Pa., June 3, 1870, and after graduating from the Wyoming seminary at Williamsport he entered the employ of Samuel C. Henry, a druggist of Duncannon, Pa. Coming to Philadelphia he graduated from the Philadelphia College of Pharmacy and Science and later worked for Dr. Chandler, Chas. T. Clark, George B. Evans and the Broad Street station pharmacy. On April 21, 1899, he purchased the Streeter pharmacy at Twelfth and Huntingdon Streets, which he conducted successfully until the time of his death.

The death is announced of Dr. William Küster, professor of Organic and Pharmaceutical Chemistry at Stuttgart.

SOCIETIES AND COLLEGES.

THE RAPID CITY MEETING.

BY E. F. KELLY.

Present-day conditions and competition make it more necessary than ever that every one—business man, artisan, professional man, artist, scientist—keep in close contact with the developments in his own field and fully abreast of the times. It is impossible, practically speaking, for any one to do this alone, and so we have associations and other organizations where each is expected to make his contribution and take what he needs from the general fund of research and experience and inspiration.

In one short week at Rapid City, you can see and come into contact with the breadth of pharmaceutical progress—in education, in legislation, in professional practice, in commerce, in history, in standards, in research—all leading to a better profession and business for you. You can contribute your part to this progress by your presence, by a paper, a suggestion or taking part in a discussion, and go

home with the satisfaction which comes from doing your bit. Give and take. You can come into personal contact with the men who are contributing most to pharmaceutical progress, which is always an inspiration.

Then the good friends out there will make the trip a happy outing for you and yours, will arrange that you see that wonderful country at its best, and will send you home better prepared to play the game hard during the next year.

And do not overlook the opportunity to combine a visit with the N. A. R. D. at Minneapolis.

Routing may be made in attending the Rapid City convention so as to not only take in this meeting, but spend a few days in the heart of the Black Hills, visit Yellowstone Park and return to Minneapolis in time for the N. A. R. D. convention. There is just time enough between conventions so that a visit to the great national playground need not be rushed.

Thus, within the space of a few weeks, one may visit the wonderland of America and its

twin metropolises, take in two national conventions and still lose no great amount of time from business activities.



Chief Crazy Horse and his squaw, 85 years old.
One of the few remaining old characters.

AIRPLANE CONNECTIONS TO BLACK HILLS ANNOUNCED.

BY GEO. A. BENDER.

The Rapid Air Lines, Inc., of South Dakota are making special plans to accommodate as many druggists as may feel inclined to fly to the Black Hills to attend the A. P. H. A. convention this year. The company is operating a regularly scheduled air service which brings the Black Hills many hours closer. Rates and schedules for the air route from Watertown and Huron will soon be announced.

The planes used on the line from Watertown through Huron and Pierre to Rapid City are fine, comfortable, six-place Ryan broughams. Also, if sufficient reservations are made in advance, the company will offer the use of Wamblee Okanho, a fifteen-passenger, trimotored Ford, all-metal monoplane, for the special trip.

On May 2nd the Chicago and Northwestern railroad and the Rapid Air Lines, Inc., an-

nounced connecting rail and air passenger service between Chicago, St. Paul, Minneapolis, Sioux City, Omaha and Rapid City, and since the first trip, every connection has been made exactly on time, indicating that plane-rail hook-up lines are practical.

The Rapid Air Line rates are not comparable with rail rates. But for the busy man whose time is valuable, they amount to a real saving, and besides add a bit of spice to the trip. It will be possible to remain on the job until a few hours before the opening of the convention and yet make the Black Hills in time to answer roll call, and when the activities are over, a speedy trip home is assured. The following schedules are regularly in operation by the Rapid Air Lines:

Leave Huron	9:15 A.M. C. T.
Arrive Pierre	10:35 A.M. C. T.
Leave Pierre	9:45 A.M. M. T.
Arrive Rapid City	11:45 A.M. M. T.
Leave Rapid City	2:30 P.M. M. T.
Arrive Pierre	4:10 P.M. M. T.
Leave Pierre	5:20 P.M. C. T.
Arrive Huron	6:40 P.M. C. T.

It is especially interesting that anyone so desiring may go to any one of the eight thousand Chicago and Northwestern ticket agencies and get tickets over both rail and air lines, together with full information regarding schedules and connections.

D. Wayne George, publicity manager of the air lines, announces that they are also planning three scheduled Black Hills sightseeing trips which will carry people over some very interesting country. Reservations for air lines travel should be made as early as possible with the Rapid Air Lines, Inc. Any further information regarding air schedules may be obtained from the Rapid Air Lines, Inc., of Rapid City, and Huron; the Pionair Lines, of Watertown; the Chicago and Northwestern Railroad, or Geo. A. Bender, Watertown, South Dakota.

By all means—do not delay—see your railroad agent and ask him for tourist rates, summer rates, and all other information and then arrange your trip in such a way that it will give you an outing always to be remembered. Rates are obtainable for a great deal less than the usual convention rates; you can be routed by way of Yellowstone, Denver, Salt Lake City, etc. Also make your reservation by addressing the Local Secretary, F. W. Brown, Lead, So. Dakota.

PARTIAL LIST OF PAPERS RECEIVED
BY THE SECTIONS.

Please look up page x of the Roster and address the chairman or secretary of one or the other sections and give him the title of your paper.

SCIENTIFIC SECTION.

June is nearly gone and even August is not far away. We hope you will have a contribution for our Section at the Rapid City, S. Dak. meeting of the AMERICAN PHARMACEUTICAL ASSOCIATION, August 26th to 31st. However, July 25th is the dead line for acceptance of titles for the Official Program. After that papers can only be accepted if time for presentation will permit.

The following contributions are part of the program of the Section:

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

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

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

"Bioassay 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.

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

"The Influence of Light upon the Hydrogen-Ion Concentration and Stability of Certain Pharmaceuticals," John C. Krantz, Jr., and C. Jelleff Carr.

"Effect of Buffering the External Phase upon the Stability of Emulsions," John C. Krantz, Jr.

"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. In addition, Dr. George F. Reddish and Dr. L. C. Himebaugh will present papers at the symposium on Bacteriology of the U. S. P. and N. F.

The Chairman has arranged to make available for very early publication in the JOURNAL short abstracts of every paper presented before the Section. In return for this added service we must ask you to send your titles and short abstracts to the Secretary on or before July 25th.

The Black Hills of South Dakota beckon you, the Scientific Section will welcome you. This is our final appeal for your coöperation.

L. W. Rowe, *Secretary*,
Scientific Section, Parke, Davis & Co.,
Detroit, Michigan.

SECTION ON PRACTICAL PHARMACY
AND DISPENSING.

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

Subject to be announced, J. Leon Lascoff.

"Prescription Bottles," William J. Husa.

Subject to be announced, Robert J. Ruth.

"A New Explanation of an Old Incompatibility," Charles W. Bauer.

"A Method for the Quantitative Estimation of Chloroform in Chloroform Liniment," 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.

H. C. Newton, *Secretary*,
c/o Creighton College of Pharmacy,
Omaha, Neb.

SECTION ON COMMERCIAL INTERESTS.

"Keeping Independent," Edward S. Rose.

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

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

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

Quite a number have promised papers but titles have not been received at this date—the program promises to be interesting.

Jos. G. Noh, *Secretary*,
Harrisburg, Pa.

R. B. Rothrock, *Chairman*,
Mt. Vernon, Ind.

SECTION ON HISTORICAL PHARMACY.

Report of the Historian, E. G. Eberle.

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

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

"Shepard, Teacher and Pharmacist," Lyman F. Kebler.

Title to be announced, F. B. Kilmer.

"Writing Pharmaceutical Biography and History," Edward Kremers.

Title to be announced, Edward Kremers.

"Kava Kava (Piper methysticum)," J. T. Lloyd.

Title to be announced, John Uri Lloyd and Wolfgang Ostwald.

Title to be announced, Robert J. Ruth.

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

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

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

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

GEO. D. BEAL, *Secretary*,

Mellon Institute of Industrial Research,
Pittsburgh, Pa.

N. W. D. A. VACATION DISPLAYS FOR RETAIL DRUGGISTS.

The National Wholesale Druggists' Association, in continuation of its policy to aid the retail druggist, announces three new window displays for the retailer to use during the vacation season. These displays are offered free by wholesale druggists to all retailers who will place them in their windows. Many wholesalers, in addition to giving the displays to their customers, have arranged combination deals of vacation merchandise which may be shown in the drug store window with the lithographed material. These deals frequently offer distinct savings to the retailer.

Already some 8000 displays, lithographed in six colors, have been distributed to retailers, to be used in increasing sales of vacation merchandise to the early spring vacationist. Just at this time wholesalers have to offer 10,000 new displays especially suited for use in drug stores during the month of June. This new display is lithographed in nine colors, and represents a real work of art. Seven beautiful vacation scenes are reproduced in the display, any one of which is suitable for framing and preserving in the home. These attention-getting pictures are accompanied with strips carrying the names of vacation merchandise, the sales of which may be increased through proper display at this time of the year. Each display is accompanied by a circular giving full instructions to the retailer as to how to install the display in his window.

STATE ASSOCIATION MEETINGS.

Dates of ASSOCIATION meetings are given in the May JOURNAL, page 532. Please note the number of Golden Anniversary Meetings.

LOUISIANA PHARMACEUTICAL ASSO- CIATION.

Louisiana pharmacists held a successful meeting at Monroe. New constitution and by-laws were adopted providing for a vice-president in each congressional district.

Resolutions were adopted favoring a pharmacy corps in U. S. Army; opposing change of prohibition department; favoring appropriation by Congress for mosquito control; favoring records of sales for inspection by tax assessors.

The officers for the ensuing year are: *President*, Paul C. Weilbaecher, New Orleans; *Treasurer*, Adam Wirth, New Orleans; *Secretary*, John E. Scott, New Orleans; *Corresponding Secretary*, George Feldner, New Orleans; *Vice-Presidents*, L. Marion Legendre, New Orleans; Paul Eckels, New Iberia; C. R. Caldwell, Shreveport; E. W. Voght, Ferriday; T. L. Cronan, West Baton Rouge; Alfred B. Cobb, Jena.

OKLAHOMA ASSOCIATION.

Oklahoma Association endorsed the Capper-Kelly Bill, and the work of the AMERICAN PHARMACEUTICAL ASSOCIATION for professional pharmacy. President Denny Brann, of the N. A. R. D., was one of the speakers. A tribute was paid H. S. Caldwell, retiring secretary, and the Association presented him with a diamond stick pin as an expression of appreciation of his services.

The following officers were elected for the ensuing year: *President*, L. Dale Beaver, Fairfax; *First Vice-President*, V. Albert Eaton, Weatherford; *Second Vice-President*, C. V. Nichols, Anadarko; *Secretary-Treasurer*, D. F. McLemore, Britton.

The entertainments were of a high order and the program included a number of valuable addresses and papers.

WEST VIRGINIA.

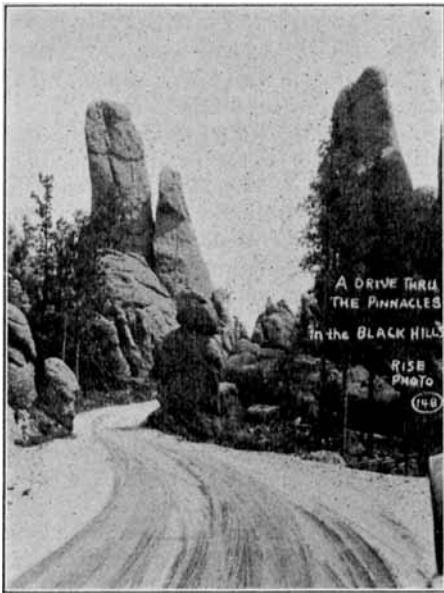
The 23rd annual convention of the West Virginia State Pharmaceutical Association was held in Morgantown, May 22nd and 23rd, with the largest attendance in its history. Among the speakers at the meeting were: Thurman "Dusty" Miller, Wilmington, Ohio;

John A. Goode, member of the executive committee of the N. A. R. D., Asheville, N. C.; Dr. John R. Turner, President of West Virginia University, Morgantown; Ross Wells, State Commissioner of Prohibition, Charleston; Prof. C. Leonard O'Connell, President, Pennsylvania Pharmaceutical Association, Pittsburgh; Theo. D. Wetterstroem, Secretary, Ohio Pharmaceutical Association and M. N. Ford, Secretary, Ohio Board of Pharmacy, Columbus, Ohio.

Among the resolutions passed were those endorsing the Capper-Kelly Bill and the Pharmacy Corps Bill.

The officers elected for the ensuing year are: *President*, Earl L. Fortney, Fairmont; *First Vice-President*, C. H. Goodykoontz, Bluefield; *Second Vice-President*, Robert R. Pierce, Morgantown; *Third Vice-President*, J. W. Watkins, Beckley; *Secretary-Treasurer*, J. Lester Hayman, 504 Grand St., Morgantown; *Council Member*, H. C. Fueller, Wheeling.

White Sulphur Springs, W. Va., was selected as the 1930 meeting place, the exact date to be announced at a later date.



Drive through The Pinnacles.

DETROIT RETAIL DRUGGISTS' MAY PARTY.

The Detroit Retail Druggists staged a May party at their annual meeting. The *Detroit Free Press* of May 14th reported the celebration

in a special issue, containing a picture of those in attendance, numbering a thousand or more; also, pictures of the officers and others prominent in Detroit drug circles.

The officers of the D. R. D. A. for 1929 are: Bernard A. Bialk, *President*; Roy Mosser, *First Vice-President*; Joseph Burniac, *Second Vice-President*; Clarence Weaver, *Secretary pro tem*; R. C. Platt, *Treasurer*; R. T. Lakey, *Editor*; Harry F. Johnson, *General Counsel*.

AMERICAN PHARMACEUTICAL MANUFACTURERS' ASSOCIATION.

The American Pharmaceutical Manufacturers' Association held its 22nd annual meeting in the Hotel Chamberlin-Vanderbilt, Old Point Comfort, Va., June 3rd-6th. The address of President R. Lincoln McNeil was comprehensive. He discussed the general relations of the Association, legislation, drug contact, drug trade relations, service features of the Association and plans for the future. He stated that conferences had been held with the American Drug Manufacturers' Association in contact with the Food, Drug & Insecticide Administration. At these meetings the work on tablets, with a few exceptions, was concluded and a study of ampuls begun. The combined contact committees have recently published their findings in the form of a loose-leaf book entitled *Pharmaceutical Standards including Tolerances and Methods of Assay*. This work represents thus far the results of five years of continuous cooperative effort and is a most creditable accomplishment.

President McNeil, in his address, referred to the fact that the Association is closely identified with the work of the A. P. H. A. and was represented at its annual meeting in Portland, at the National Conference on Pharmaceutical Research, and also at the meeting of the National Drug Trade Conference in Washington last December. Steps have been taken to have representation at the U. S. Pharmacopoeial Convention in Washington next May.

Speaking further relative to the research program, he referred to the recent decision of the Prior Rights Board, consisting of R. R. Patch, J. H. Beal, H. V. Army, C. N. Angst and Charles Wesley Dunn. The decision in substance is that the sole right to use a mixture of two drugs, neither of which is new, cannot be vested in any pharmaceutical manufacturer under existing laws.

The President commended the work of Charles Wesley Dunn and the New York office from which over 250 bulletins had been sent out during the year, covering every subject in which the Association is interested. Thanks and appreciation were also expressed to other officers and committees for their fine coöperative support.

Secretary E. F. Kelly brought greetings from the AMERICAN PHARMACEUTICAL ASSOCIATION and complimented the Association on its research and standardization promotions.

The new President of the Association is Dr. H. Sheridan Baketel, of Jersey City. The other officers are *Vice-Presidents*, E. P. Crowe, Philadelphia; H. Osterman, Seymour, Ind.; *Secretary*, J. G. Searle, Chicago; *Treasurer*, A. Mallett, Des Moines. The following were elected to the *Board of Directors*: R. Lincoln McNeil, Philadelphia; F. A. Rostofer, Columbus, O.; C. D. Smith, New York City.

The following resolutions were passed:

"Resolved, That the Association endorse the recommendations made by President McNeil in his annual address, namely:

"1. That the incoming administration issue a questionnaire to members to ascertain the Association action desired by them during the next year and formulate a program accordingly.

"2. That the semi-annual meeting be held in Washington, in conjunction with a meeting of the research board.

"3. That a part of the semi-annual meeting be given to associate members for the presentation of any matter of interest to active members.

"4. That the Association actively coöperate with the American Medical Association in the advancement of the professions of manufacturing pharmacy and medicine."

The following resolutions were also adopted:

Resolved, That the Association recommend the creation of a special committee duly representing the professions of manufacturing pharmacy and medicine to confer with the United States Department of Agriculture upon the labeling of pharmaceutical products in order than the principles of such labeling shall be clearly and duly defined for the information of all concerned.

Resolved, That the Association contact with the leading medical colleges in the advance-

ment of the science of manufacturing pharmacy.

Resolved, That the Association endorse the efforts of the AMERICAN PHARMACEUTICAL ASSOCIATION to create a pharmacy corps in the United States Army.

Resolved, That greater economy and efficiency, in distribution be the primary subject of consideration at the next annual meeting in order to continue the study so efficiently begun this year.

Resolved, That the Association express to the United States Department of Agriculture appreciation of the constructive coöperation given to the joint contact committee.

Resolved, That the Association express to R. Lincoln McNeil its deep and grateful appreciation of his distinguished and able administration of its affairs during the past two years which has made the Association of large service to manufacturing pharmacy.

Other officers and committees rendered interesting reports and it is hoped to make further references to transactions in succeeding issues of the JOURNAL.

DETERMINATION OF VANILLIN.

Estimation of vanillin in vanilla. R. EDER AND E. SCHLUMPF, *Pharm. Acta. Helv.* (April 28, 1928); through *Pharm. J.*, 122 (1929), 30.

An accurately weighed quantity of vanilla pods, between 3 and 4 Gm. is cut on a glass plate into small slices. During this operation the pods are held in a piece of filter paper, which afterwards is used for cleaning the knife and glass plate. The cut-up material and the filter paper are extracted in a small Erlenmeyer flask with reflux condenser with 15-20 cc. H₂O, repeating the extraction 6 times. The united filtrates are shaken out in a separation funnel, six or seven times with ether, the ethereal liquids are dehydrated with Na₂SO₄ and the ether evaporated. The remaining residue is taken up with 10 cc. of boiling water, filtered through cotton wool into a glass-stoppered Erlenmeyer flask, and the wool washed twice with 5 cc. boiling water. Then a solution of 0.1 Gm. semioxamic acid (NH₂CO.C O.NH₂) is collected, dried at 105° C. and calculated as vanillin by multiplication with 0.6413. As the precipitate is slightly soluble in water, 0.003 Gm. must be added to the calculated value.

Make your preparations early for attending the Rapid City meeting of the AMERICAN PHARMACEUTICAL ASSOCIATION.