

other educational departments. This is only another evidence of the upward tendency of pharmaceutical education throughout the country. Not only are the colleges developing, but the state associations are taking more lively interest in adequate educational standards. The state boards, too, are stimulating the upward movement. The President of the Nebraska State Board of Pharmacy introduced a resolution at the Board meeting, held while I was at Lincoln, to make two years of high-school work the minimum academic requirement for eligibility to state examination.

It is some little satisfaction to Minnesota to know that Nebraska has been following the pharmaceutical educational development that has been going on in Minnesota and that it has found it worthy of emulation. Minnesota is especially pleased that Nebraska has now also fallen in line in the matter of recognizing medicinal plant cultivation as a legitimate and necessary activity of a college of pharmacy in its provision of adequate teaching facilities. Nebraska has a very respectable nucleus of a drug garden and is in a fair way soon to inherit room in some of the University plant houses for such work as can only be done in a greenhouse.

FREDERICK J. WULLING.



DR. JOHN B. BOND, SR., RESIGNS FROM ARKANSAS BOARD OF PHARMACY.

After twenty years, faithful and efficient service, Dr. John B. Bond resigned from the Arkansas Board of Pharmacy, when that body met in Little Rock, May 10. No one in Arkansas has devoted more time nor accomplished more for pharmacy in this state than Dr. Bond, and he retires with the honors of faithful service. The action on his part was by the speedometer of time which indicated that rest was not only deserved but mandatory.

S. V. Bracy, of Little Rock, was unanimously elected to succeed Dr. Bond.



GLYCERIN AND ACETIC ACID MENSTRUUA.

In view of the fact that the tax on alcohol has been advanced in England, glycerin and acetic acid are again suggested as menstrua for preparations of drugs. William Wolstenholme suggests a mixture of glycerin, 10 parts; acetic acid, 1 part; water to make 40

parts for menstruum. He gives the name of "Glyncture" to the preparation. Fluidglycerates are also referred to. In this connection it might be stated that the price of glycerin will likely advance considerably, but in any event will be much cheaper than alcohol.



POTASSIUM SALTS IN JAPAN.

Professor Numura of the Tokio Imperial University states that sugar-cane waste, sawdust and timber will furnish an annual supply of 30,000 tons of potassium salts. Morphine and salicylic acid are now being manufactured in Japan.



THE SAN FRANCISCO MEETING OF THE AMERICAN PHARMACEU- TICAL ASSOCIATION.

The local committee of the American Pharmaceutical Association, through the co-operation of the Exposition Tour Service Company of San Francisco, have secured the Bellevue Hotel located at Geary and Taylor streets, San Francisco, as the headquarters of the American Pharmaceutical Association. This is one of the very best hotels in the city, of equal grade with the Palace and the St. Francis. The hotel is in a quiet place, yet within three blocks of the very heart of the business section of San Francisco and within from one to three blocks of the hotel center. The Geary street car passing the main entrance of the hotel, runs direct to the main entrance of the Panama-Pacific International Exposition grounds.

Through the Exposition Tour Service Company, a special rate has been secured for the members, families and friends of the American Pharmaceutical Association, which covers the following service:

Room with private bath at either the Bellevue or one of the first-class hotels in the immediate vicinity of the Bellevue Hotel, to be occupied by two persons, from August 9 to August 14, inclusive.

Transportation by auto or taxi for each person, on arrival, from the depot to the hotel, and a like service on departure.

Transfer of baggage to and from the hotel.
Six tickets of admission to the Exposition

grounds to each person, such tickets good for admission any time on or before December 1, 1915, and may be used by any person. Those not used will be redeemed.

For the individual service above mentioned, a special price of \$25 is made for each adult person, payable as follows:

Ten dollars on making the reservation and the remainder, \$15, to the committee after arrival.

An attempt will be made to secure special rates for those who may desire to remain for a longer period. It will manifestly be desirable to know at the time of making the reservation whether or not it is desired to stay longer than the period of the convention.

Application for reservation may be made either to the Exposition Tour Service Company, 155 Sutter street, San Francisco, or to Albert Schneider, Local Secretary, 723 Pacific Building, San Francisco. The early applicants will be located in the Bellevue Hotel.

The above is the individual service to each member of the American Pharmaceutical Association. Taking into consideration the high grade hotel accommodations provided and the crowded condition of the city of San Francisco at this time, the above rates are remarkably low.

The details of the entertainment which will be provided for the members of the American Pharmaceutical Association and the other allied pharmaceutical associations will be announced later. The entertainment will include a trolley ride, boat trip on the Bay of San Francisco, visit to the Exposition concessions, grand ball and reception, theatre party, etc.

LOCAL COMMITTEE OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

(Signed) ALBERT SCHNEIDER,
Local Secretary.

HOTELS.

The Bellevue has been selected headquarters of the Association, rates and accommodations are named in the report of Local Secretary Dr. Albert Schneider. For the convenience of members we append a list of hotels that may be corresponded with in advance of the meeting. The rates given will only serve as a guide, as far as our information goes the price named is for room with bath, one person. Rooms, without bath would be lower and the usual advance for more persons in a room:

NEAR CENTER OF BUSINESS SECTION.

Palace, Market and New Montgomery.	\$3.00
St. Francis, Powell and Geary.....	3.00
Fairmont, Mason and California.....	4.00
Also American plan.	
Bellevue, Geary and Taylor.....	4.00
Also American plan—add \$2 a person.	
Chancellor, Powell and Post.....	2.50
Also American plan.	
Cartwright, Sutter and Powell.....	2.00
Clift, Geary and Taylor.....	2.50
Also American plan—add \$2.50 a person.	
Manx, Powell and O'Farrell.....	2.00
Plaza, Post and Stockton.....	2.00
Also American plan—add \$2 a person.	
Stewart, Geary and Powell.....	2.50
Also American plan—add \$2 a person.	
Dale, 34 Turk.....	3.00
Ramona, 174 Ellis.....	2.00
Argonaut, Fourth and Market.....	3.00
Clark, Eddy and Taylor.....	2.50
Glenn, Turk and Market.....	2.50
Grand, 57 Taylor.....	2.50
Knickerbocker, 589 Post.....	2.50
Leesmont, California and Stockton....	2.50
Martinique, 737 Bush.....	2.50
Montclair, 995 Pine.....	2.50
Regent, 562 Sutter.....	2.50
Also American plan—add \$1.50 a person.	
St. Dominic, Bush and Jones.....	2.50
Worth, 641 Post.....	2.50
Zenobia, 947 Bush.....	2.50
Adena, 144 O'Farrell.....	2.00
Alhambra, 860 Geary.....	2.00
Baldwin, Grant and Sutter.....	2.00
Brayton, 50 Turk.....	2.00
Carson, 972 Market.....	2.00
Claridge, 749 Taylor.....	2.00
Cornell, 715 Bush.....	2.00
Cort, 34 Ellis.....	2.00
Court, Bush and Stockton.....	2.00
Also American plan—add \$2 a person.	
Eureka, 438 O'Farrell.....	2.00
Garfield, 354 O'Farrell.....	2.00
Also American plan.	
Garland, O'Farrell and Jones.....	2.00
Golden West, Powell and Ellis.....	2.00
Goodfriend, Powell and Geary.....	2.00
Graystone, 66 Geary.....	2.00
Hacienda, 580 O'Farrell.....	2.00
Herald, Eddy and Jones.....	2.00
Kensington, Geary and Jones.....	2.00
Keystone, Fourth and Market.....	2.00
Lankershim, Fifth near Market.....	2.00
Maxwell, 625 Taylor.....	2.00
Mentone, Ellis at Jones.....	2.00
Schwartz, 62 Turk near Market.....	2.00
Also American plan.	
Stanford, Bush and Kearny.....	2.00
Strand, 415 O'Farrell.....	2.00
Sussex, 701 Sutter.....	2.00
St. Andrew, 440 Post.....	2.00
Thoma, Stockton and Post.....	2.00
Towanda, 556 Jones.....	2.00
Turpin, 17 Powell at Market.....	2.00
Victoria, Bush and Stockton.....	2.00
Also American plan.	
Von Dorn, 242 Turk.....	2.00

Windemere, 776 Bush.....	2.00
Yuba, 1146 Mission.....	2.00
Adaire, Ellis near Jones.....	1.50
Adrain, 493 Eddy near Hyde.....	1.50
Alta, 165 Third.....	1.50
Arlington, Ellis and Leavenworth.....	1.50
Also American plan—add \$1.50 a person.	
Athmore, 450 Jones.....	1.50
Avon, 420 Jones, corner Ellis.....	1.00
Beresford, Mason and Sutter.....	1.50
Berg, 221 Mason.....	1.50
Dumas, O'Farrell at Taylor.....	1.50
Grant, Bush and Powell.....	1.50
Also American plan—add \$1.25 a person.	
Hamlin, 338 Eddy.....	1.50
Hansa, 447 Bush.....	1.50
King George, Mason at Geary.....	1.50
Irwin, Fourth and Mission.....	
Madison, 364 O'Farrell.....	1.50
Marymount, Jones and O'Farrell.....	1.50
Minster, Mason and O'Farrell.....	1.50
Rand, 364 Eddy.....	1.50
Ritz, 216 Eddy.....	1.50
Sequoia, Jones and O'Farrell.....	1.50
Senate, 471 Turk.....	1.50
Shasta, 314 Kearny.....	1.50
St. Cecile, 115 Fell, near Van Ness....	2.00
Tallac, 140 Ellis.....	1.50
Thomas, 969 Mission.....	1.50
Windsor, 238 Eddy.....	1.50

For rates and routes the readers are referred to the report of the Committee on Transportation in the March number, page 411.

ENTERTAINMENTS.

The *Allied Drug Interests* of California, organized for the purpose of entertaining the druggists of the world during 1915, have headquarters in the Claus Spreckles Building at Third and Market Streets. D. R. Rees, Chairman of the Publicity Committee, sends the following tentative program of entertainments just to serve as a guide for the fun and frolic in store for all who attend:

Monday, August 9, 1915.

Reception and Dansant at Bellevue Hotel.

Tuesday, August 10, 1915.

Evening Fior D'Italia Dinner

Wednesday, August 11, 1915.

Afternoon—

Ball at California Building,

Evening— P. P. I. E.

Thursday, August 12, 1915.

Afternoon—Card Party for Ladies.

Friday, August 13, 1915.

Morning—10 A. M. Trolley Trip.

1 P. M. Luncheon—Old Faith-
Inn—

P. P. I. E.

Afternoon—2:30 to 3:30—

Organ Recital at Festival Hall,
P. P. I. E.

SIXTY-THIRD ANNUAL CONVENTION AMERICAN PHARMACEUTICAL ASSOCIATION,

To be Held in San Francisco, Cal.,
August 9-14, 1915.

Final announcement of Committee on Transportation:

On account of the very low excursion rates to the Pacific Slope and the attractions of the Panama-Pacific International Exhibition at San Francisco and the Panama-California Exhibition at San Diego, the rush travel this season to coast points will be greater than ever before, and for the convenience of our members and to secure their comfort, your Committee has arranged with the Chicago, Burlington & Quincy Railroad to run a special train from Chicago to San Francisco to be known as the "American Pharmaceutical Association Special," on which *no extra fare will be charged*.

Price of ticket good for three months, with stop-over privileges west of Chicago to go and return by any direct route:

From Boston, via N. Y. C. lines, \$104.20; other lines, \$101.20.

From New York, via N. Y. C. lines or Pa. lines, \$98.80; other lines, \$94.30.

From Philadelphia, \$95.20.

From Baltimore and Washington, \$92.95.

From Chicago, \$62.50.

From Cincinnati, \$70.25.

From St. Louis, \$57.50.

From Atlanta, \$72.55.

From Savannah, \$80.50.

From Jacksonville, \$80.50.

From New Orleans, \$57.50.

From St. Paul, \$63.83.

From Denver, \$45.

From all other points at proportionate rates.

To return via Portland an extra charge is made of about \$17.50 on each ticket, the exact amount of which can be ascertained from the ticket agent in your city.

Purchase your excursion tickets from your *regular ticket agent*, choosing your own route to Chicago, but seeing that beyond that point the route is C. B. & Q. to Denver; Denver & Rio Grande to Salt Lake; Western Pacific to San Francisco.

Route from the Special train will be as follows: C. B. & Q. to Denver, D. & R. G. to Salt Lake City, Western Pacific to San Fran-

cisco, and train will run on the following schedule:

Leave Chicago, Thursday, July 29th, at 11 P. M.

Arrive Denver, Saturday, July 31st, at 7:20 A. M.

Leave Denver, Saturday, July 31st, at 7:45 P. M.

Arrive Colorado Springs, Saturday, July 31st, at 10:28 P. M.

Leave Colorado Springs, Sunday, August 1st, at 10:35 A. M.

Arrive Salt Lake City, Monday, August 2d, at 1:30 P. M.

Leave Salt Lake City, Tuesday, August 3d, at 12:45 P. M.

Arrive San Francisco, Wednesday, August 4th, at 5:45 P. M.

The above provides for a 12-hour stop at Denver during which the local branch of the A. Ph. A. will entertain the party and there will be sight-seeing trips through city and suburbs.

At Colorado Springs the train will be parked for the night and those who rise reasonably early will be able to visit Manitou by trolley and take the carriage ride through the Garden of the Gods (arrangements for this will be made by F. W. Nitardy, Denver member of Committee on Transportation), before the train starts at 10:35 A. M. on its trip through the famous Royal Gorge, via the scenic D. & R. G. R. R. to Salt Lake, where in the afternoon of August 3d there will be a trip (personally conducted by local members of the A. Ph. A.) to the Mormon Temple and points of interest in the city. The train will be parked here for the night and in the morning party will visit the bathing place and amusement park on Salt Lake before boarding the train at 11:45 A. M. for San Francisco. From Salt Lake train is to be run over the Western Pacific through the famous Feather River Canyon to San Francisco.

A pamphlet in relation to above is in preparation and will be mailed to members of the Association.

Members traveling by above train will reach San Francisco in time to attend the sessions of the National Association of Boards of Pharmacy and the Conference of Pharmaceutical Faculties which are to be held on August 5th, 6th and 7th, while those who do not desire to attend these meetings will have these three days and Sunday in

which to visit the Panama-Pacific Exhibition or points of interest in San Francisco before the first session of the A. Ph. A. meeting which will be held on Monday, August 9th.

Members upon arrival should immediately register at headquarters, the Bellevue Hotel, where a special rate has been made of \$25 for six days for each room with private bath and six exposition admissions. For members who desire cheaper accommodations, rooms can be secured for \$1.00 per day upwards, \$1.50 per day with bath upwards, by addressing in advance of the meeting the local Secretary, Dr. Albert Schneider, 723 Pacific Building, San Francisco.

Regular Pullman rates will be charged on the A. Ph. A. special, but you must order reservations from W. Bodemann, Hyde Park, Chicago, Ill., the Chicago member of Transportation Committee, which should be ordered *at once* specifying whether upper or lower berth or drawing room is required.

Members must also choose their return routes when buying tickets, see suggestions that follow. The first three are northern routes, via Portland, for which the extra fare is charged.

Suggested routes to return from San Francisco:

Northern Route No. 1—Great Northern Pacific S. S. (no extra charge for berth and meals), or Southern Pacific R. R. to Portland; Great Northern R. R. to St. Paul (side trips through Glacier, National Park, from 1 day, \$8.25, to 7 days, \$47.50).

Northern Route No. 2—as above to Portland; Northern Pacific to St. Paul, via Livingston (original route Yellowstone National Park, six days, including transportation, hotels and meals, \$53.50), C. B. & Q. to Chicago, Omaha, St. Louis, Kansas City.

Northern Route No. 3—as above to Portland; Great Northern, or Northern Pacific to Seattle, boat to Victoria or Vancouver, Canadian Pacific, via Glacier, Field (for Emerald Lake and Yoho Valley), Laggan (for Lake Louise), Banff to St. Paul (via Winnipeg if desired), C. B. & Q. to Chicago, Omaha, St. Louis, Kansas City.

DIRECT ROUTES; NO EXTRA FARE.

No. 4—San Francisco to Los Angeles by Southern Pacific or A. T. & S. F. (side trip to Yosemite and Big Trees at special rate to be named in San Francisco), side trip Los Angeles to San Diego for Panama California

Exhibition by A. T. & S. F. R. R. at no extra charge if included in ticket at time of purchase. Salt Lake (side trip through Yellowstone, six days, \$53.50, including transportation, hotels and meals), Salt Lake to Denver, D. & R. G., thence by C. B. & Q. to Omaha, Chicago, Kansas City, and St. Louis.

Direct Route No. 5—Same as above to Los Angeles, thence by Southern Pacific R. R. to New Orleans.

Direct Route No. 6—Same as No. 4 to Los Angeles, thence via A. T. & S. F. to Kansas City via Williams (side trip to Grand Canyon, round trip, \$7.50), Adamana (for Petrified Forest; livery, \$3 each for two persons, \$2.50 each for three or more), C. B. & Q., Kansas City, Omaha, St. Louis, Chicago.

By ordering your Pullman reservations as soon as possible from Mr. Wilhelm Bode-mann, Hyde Park, Chicago, Ill., you will secure better accommodations and lighten the labors of your Committee.

Respectfully submitted,

For the Committee on Transportation,
THOS. F. MAIN, Chairman.



SECTION ON COMMERCIAL INTERESTS

The Commercial Section is desirous of papers on the following list of subjects:

- 1—Meeting mail order competition. A plan outlined.
- 2—A system of stock arrangement as a help to reduce store expense.
- 3—Developing the sale of rubber sundries—photographic supplies — stationery—cigars.
- 4—Possibility of creating a National line of non-secrets, to be prepared by the individual but with common ownership of copyrighted labels.
- 5—Co-operation in purchases by druggists of a locality. Does it pay?
- 6—Misrepresentation in merchandising.
- 7—Advertising the prescription department.
- 8—Is it advisable to give clerks a percentage of sales.
- 9—Your own non-secrets, compared with other lines.
- 10—Window displays that produce results.
- 11—Teaching salesmanship to clerks.
- 12—Store fixtures as a help in developing business. What necessary or of advantage.

13—Perfumes—Manufacture of—Basic Material—Care—Selling Pointers.

14—Purchases — What — When — Where—Quantity limits.

15—Store management — Prevention of waste—Goods out of stock, etc., etc.

E. H. THIESING, Chairman,
Gilbert and Lincoln Ave., Cincinnati, O.



THE HISTORICAL SECTION.

The Historical Section is desirous of papers concerned with early pharmacy in all States. Biographical sketches of pharmacists, letters and other literature, views of old pharmacies and contributions of pharmaceutical interest are solicited. Reports on native drug plants, used in the earlier days, and descriptive methods for making preparations of them, are also asked for.

FREDERICK T. GORDON, Chairman,
2115 Medary Ave., Philadelphia.

Proceedings of the Local Branches

"All papers presented to the Association and its branches shall become the property of the Association, with the understanding that they are not to be published in any other publication than those of the Association, except by consent of the Committee on Publication."—By-Laws, Chapter X, Art. III.

Reports of the meetings of the Local Branches should be mailed to the Editor on the day following the meeting, if possible. Minutes should be *plainly* written, or type-written, with wide spaces between the lines. Care should be taken to give proper names correctly, and manuscript should be signed by the reporter.



BALTIMORE.

The May meeting Baltimore Branch, American Pharmaceutical Association, was held in the Assembly Hall of Hynson, Westcott & Company's Pharmacy, S. E. corner Charles and Franklin Streets, Wednesday, May 19, at 8 p. m., with President E. W. Hodson in the chair.

The regular program was:

THE JOURNALS.

Six of the journals have been assigned to as many different members, and we are to have presented, for our information and dis-