

taneously, the caffeine is dried for thirty minutes in the water-oven and weighed. It is then again heated for another thirty minutes, when a further slight decrease in weight is usually noted. This second weight is taken as caffeine. The final product is practically pure caffeine.

#### SUBSTITUTE FOR SENNA LEAVES.

Since the beginning of 1917 large quantities of so-called Palthé senna leaves have been imported into Germany from Switzerland. They have been identified as the leaves of *Cassia auriculata*, L., and are readily distinguished from senna leaves by the rounded and not tapering apex. It is remarkable that they contain no oxymethylantraquinones and are free from laxative action. With Bornträger's reaction (shaking an infusion with petroleum benzine, separating, and shaking

the benzine with ammonia) a yellow coloration of the ammonia is produced, whereas with genuine senna leaves a rose color is obtained.—*Pharm. Ztg.*, 64, 242, through *Pharm. Journal*.

#### CAPELLA BURSA PASTORIS.

Ergot and hydrastis being no longer obtainable in German commerce, Grimme recommends a liquid extract of this herb as a substitute. Its haemostyptic properties have long been known, and it is said to equal those of ergot and of hydrastis. The active constituent is supposed to be an organic acid, bursic acid. A liquid extract (1 in 1), made by exhausting the drug with boiling water, had a specific gravity varying from 1.042 to 1.064, and contained 9.06 to 14.61 percent of extract.—C. Grimme, *Pharm. Ztg.*, 64, 388, through *Pharm. Journal*.

### SOCIETIES AND COLLEGES.

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ATWOOD, MRS. J., New York City.  
AUSTIN, F. J., New York City.  
AVERY, CHAS., Chicago, Ill.  
AYRES, CHAS. W., New York City.

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BEAL, GEO. D., Urbana, Ill.  
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BLAKELEY, MRS. GEO. C., The Dalles, Ore.  
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BODEN, MRS. E. T., Bay City, Mich.  
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BRADLEY, THEO. J., Boston, Mass.  
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BUEB, MISS GERTRUDE, New York City.  
BURUSS, MORRIS, New York City.  
BYE, MORTIMER, Detroit, Mich.

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CAINS, O. G., New York City.  
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 HARDING, CHAS., Cincinnati, O.  
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 HOSTMANN, MRS. J., Hoboken, N. J.  
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 HUNSBERGER, AMBROS, Philadelphia, Pa.

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 ISRAEL, DAVID, Brooklyn, N. Y.

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 JORDAN, Mrs. C. B., Lafayette, Ind.

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 LAMPA, MISS LUCILLE, New York City.  
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 LOWE, C. B., Philadelphia, Pa.  
 LYMAN, RUFUS A., Lincoln, Neb.

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 MCCORMICK, WILSON M., Ann Arbor, Mich.  
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 MCQUADE, Mrs. JERRY, New York City.

## M.

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 MAY, Mrs. E. W., Martinsville, Ind.  
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 METZGER, FRID W., Springfield, Ill.  
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 MEYER, Mrs. C. L., Baltimore, Md.  
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 MULFORD, II. K., Philadelphia, Pa.  
 MULLER, OTTO F., Long Island, N. Y.  
 MULLER, Mrs. OTTO F., Long Island, N. Y.  
 MURPHY, D. E., Cincinnati, O.  
 MURPHY, Mrs. D. E., Cincinnati, O.  
 MURRAY, A. G., Washington, D. C.  
 MURRAY, B. L., Rahway, N. J.

## N.

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 NICOLAI, NATHAN, New York City.  
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 NORVELL, Mrs. SAUNDERS, New York City.

## O.

O'CONNOR, Mrs. E. J., Pittsburgh, Pa.  
 O'DANIEL, W. F., Hunnswell, Mo.  
 OLIVER, H. M., Union City, Tenn.  
 OLMSTEAD, D. M., Carbondale, Pa.  
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 ORTIZ, Mrs. MARGARET, Roselle, N. J.

## P.

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 PATCH, EDGAR L., Boston, Mass.  
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 PEACOCK, MISS M. A., Philadelphia, Pa.  
 PEACOCK, Mrs. J. C., Philadelphia, Pa.  
 PEACOCK, J. C., Philadelphia, Pa.  
 PEARCE, G. E., Frostburg, Md.  
 PEARSON, W. A., Philadelphia, Pa.  
 PENICK, S. B., New York City.  
 PEYTON, JOE W., Shreveport, La.  
 PIERCY, JOSEPH C., Tonapah, Nev.  
 PITTBENGER, PAUL S., Philadelphia, Pa.  
 POWELL, E. P., Snow Hill, Md.  
 POWELL, WM. C., Snow Hill, Md.  
 PRIDEAUX, W. F., Dodgeville, Wis.  
 PROTE, JOSEPH E., Jr., New York City.  
 PURCELL, R., New York City.

## Q.

QUACKINBUSH, B. F., New York City.

## R.

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 RAUBENHEIMER, MRS. CARL, Newark, N. J.  
 RAUBENHEIMER, CARL, Newark, N. J.  
 RAUBENHEIMER, HERBERT C., Brooklyn, N. Y.  
 RAUBENHEIMER, HILDA, Brooklyn, N. Y.  
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 RITCHIE, MISS MARGARET, Newark, N. J.  
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 ROWE, MRS. L. W., Detroit, Mich.  
 ROWE, L. W., Detroit, Mich.  
 ROWE, EDWARD, New York City.  
 ROWE, A. H., Brooklyn, N. Y.  
 RUDD, WORTLEY F., Richmond, Va.  
 RUDDIMAN, E. A., Nashville, Tenn.  
 RUDDIGER, MRS. W., Brooklyn, N. Y.  
 RUSBY, H. H., Newark, N. J.  
 RUSSELL, G. A., Washington, D. C.  
 RUSSIN, WM., New York City.

## S.

SAYRE, L. E., Lawrence, Kans.  
 SAYRE, EDWARD A., Orange, N. J.  
 SAYRE, MRS. E. A., Orange, N. J.  
 SCHACHLEITER, FRANK, Little Rock, Ark.  
 SCHAEFFER, HUGO H., New York City.  
 SCHAEFFER, CHAS., Brooklyn, N. Y.  
 SCHAEFFER, MISS ELSA, Brooklyn, N. Y.  
 SCHAEFFER, FREDERICK, Brooklyn, N. Y.  
 SCHAEFFER, MRS. TILLIE, Brooklyn, N. Y.  
 SCHAEFFER, CHAS., Brooklyn, N. Y.  
 SCHERLING, MISS GERTRUDE, Sioux City, Ia.  
 SCHERLING, G., Sioux City, Ia.  
 SCHERLING, MRS. G., Sioux City, Ia.  
 SCHMIDT, ADOLPH, Hoboken, N. J.  
 SCHMIDT, CHAS. H., Hoboken, N. J.  
 SCHULSINGER, SAMUEL, New York City.  
 SCHWARZ, L. J., New York City.  
 SCHWEINFURTH, GEO. E., New York City.  
 SCOVILLE, W. L., Detroit, Mich.  
 SEAGLE, D. E., Pulaski, Va.  
 SEELEY, MARSHALL E., Hartford, S. D.  
 SELLMAN, J. K., Fordham, N. Y.  
 SENCINDIVER, J. H., New York City.  
 SHELL, E. V., Memphis, Tenn.  
 SHELL, MRS. E. V., Memphis, Tenn.  
 SHERMAN, B. W., New York City.  
 SILVA, MISS MARION, New London, Conn.  
 SKINNER, CHAS. H., Windsor, Vt.  
 SNEIDER, C. C., Mt. Vernon, N. Y.  
 SNOW, CLYDE, M., Chicago, Ill.  
 SNYDER, GEO. F., Detroit, Mich.  
 SNYDER, J. P., Norwich, N. Y.  
 SOHL, WM., New York City.  
 SPARKS, EDGAR R., Burlington, N. J.  
 SPEASE, EDWARD, Cleveland, O.  
 SPEASE, MRS. EDWARD, Cleveland, O.  
 SPRA, MICHAEL, Utica, N. Y.  
 STABLER, MRS. L. J., Los Angeles, Cal.  
 STABLER, L. J., Los Angeles, Cal.  
 STARR, MISS MABEL C., Buffalo, N. Y.  
 STEWART, F. E., Philadelphia, Pa.  
 STEWART, MRS. F. E., Philadelphia, Pa.  
 STOCKING, FRESKOTT, New York City.  
 STOCKING, C. H., JR., New York City.  
 STOCKING, MRS. C. H., New York City.  
 STOCKING, C. H., New York City.  
 STOFER, R. C., Norwich, N. Y.  
 STROUP, FREEMAN P., Philadelphia, Pa.  
 STURMER, J. W., Philadelphia, Pa.  
 SULTAN, FRED W., St. Louis, Mo.  
 SUNDOCK, PHILIP, New York City.  
 SUNDOCK, MRS. P., New York City.  
 SWENEY, WM. A., New York City.  
 SWIEZBACK, LIBURT, Brooklyn, N. Y.

## T.

TEBAULT, H. H., New York City.  
 TEBTLEBAUM, I., Fordham, N. Y.  
 TEBTERS, WILBER J., Iowa City, Ia.  
 TERRY, ROBERT W., Columbus, O.  
 THOMPSON, E. A., Chatham, Va.  
 TILFORD, J. F., Wichita, Kans.  
 TONGUE, W. B., Poughkeepsie, N. Y.  
 TURNER, JOS. L., Brooklyn, N. Y.  
 TYLER, EARL A., Elizabeth, N. J.

## U.

UTECH, P. HENRY, Meadville, Pa.  
 UTECH, MRS. P. H., Meadville, Pa.

## V.

VAN ALLER, THOS. S., Mobile, Ala.  
 VAN BUREN, C. H., New York City.  
 VANDERKLEED, CHAS. E., Collingswood, N. J.  
 VILLAMENA, DIODATA, New York City.  
 VILAS, FRED L., Pierre, S. D.

## W.

WALKER, CHAS. F., Richmond, Va.  
 WALSTED, P., New York City.  
 WALTON, L., Williamsport, Pa.  
 WATSON, HERBERT K., Wilmington, Del.  
 WATSON, MISS ALICE D., Wilmington, Del.  
 WEBBER, HENRY S., New York City.  
 WEIL, JACOB H., New York City.  
 WEINTRAUB, MISS ESTELLE M., New York City.  
 WHEELER, CARLTON B., Hudson, Mass.  
 WHELPLEY, H. M., St. Louis, Mo.  
 WHELPLEY, MRS. H. M., St. Louis, Mo.  
 WHITE, J. S., JR., New York City.  
 WHITE, LEYDAN J., New York City.  
 WHITE, MRS. S. J., New York City.  
 WHITE, ROBERT C., Philadelphia, Pa.  
 WHITE, WM. R., Nashville, Tenn.  
 WHITEHOUSE, HARRY, Johnson City, Tenn.  
 WHITEHOUSE, MRS. H., Johnson City, Tenn.  
 WHITTLE, WM., Baltimore, Md.  
 WICKHAM, EDWARD A., East Orange, N. J.  
 WILLIAMS, JOHN M., New York City.  
 WIMMER, CURT P., New York City.  
 WIMMER, MRS. C. P., New York City.  
 WINNE, A. L. I., Richmond, Va.  
 WIRTH, RUDOLPH, New York City.  
 WIRTHMAN, J. GEO., Kansas City, Mo.  
 WIRTHMAN, MRS. J. GEO., Kansas City, Mo.  
 WIRTHMAN, MISS MARIE, Kansas City, Mo.  
 WISNER, E. H., Valparaiso, Ind.  
 WOOD, MRS. LEWIS F., Cleveland, O.  
 WYSZYNSKI, W. H., Chicago, Ill.

## Y.

YOUNGKEN, H. W., Philadelphia, Pa.

## Z.

ZAGAT, ARTHUR L., New York City.  
 ZAGAT, MENDEL, New York City.  
 ZEHNER, G. O., Brooklyn, N. Y.  
 ZEIGLER, W. H., Charleston, S. C.  
 ZEIGLER, MRS. W. H., Charleston, S. C.  
 ZINK, EDWARD, New York City.  
 ZINK, MRS. EDW., New York City.  
 ZOELLER, E. V., Tarboro, N. C.

### THE AMERICAN CONFERENCE OF PHARMACEUTICAL FACULTIES.

BY THEODORE J. BRADLEY, SECRETARY.

The Twentieth Annual Meeting of the American Conference of Pharmaceutical Faculties was held at the Hotel Pennsylvania, New York City, on August 25-26, 1919. Delegates were in attendance from about thirty colleges located in twenty-four States. The President, Dean Charles B. Jordan of Purdue University School of Pharmacy, Lafayette, Indiana, presided at all sessions and his presi-

dential address was one of the features of the meeting. Of the constructive recommendations made by the President, the following were adopted after consideration and report by a special committee on the address:

1. That the dues be increased from ten dollars to twenty-five dollars per year for each member college, and that the entrance fee shall be twenty-five dollars hereafter.

2. That the Executive Committee prepare a budget showing the amounts that can properly be expended by the standing and other committees of the Conference, for expense.

3. That the Executive committee take steps to have the Conference coöperate with other organizations to suitably memorialize the service rendered by pharmacists in the great war.

4. That the Conference approve the exchange of lectures between members of the faculties of member colleges.

5. That a special committee be appointed to prepare a memorial to the Carnegie Foundation, requesting that an investigation be made of pharmaceutical education in the United States, similar to the investigation already made of medical education, dental education, etc.

6. That the Conference appoint a special committee to collect and distribute information on pre-requisite legislation to aid in the securing of such legislation in States not yet having a pre-requisite in pharmacy, this committee of the American Conference of Pharmaceutical Faculties to act jointly with a similar committee of the National Association of Boards of Pharmacy.

7. That the Conference reaffirm its adoption of high school graduation as a requirement for entrance to all member colleges after July 1, 1923, and to recommend that this entrance requirement be made effective at an earlier date when possible.

The Secretary-Treasurer, Theodore J. Bradley of Massachusetts, presented his report, in which the President's recommendation that the dues in the Conference be increased was endorsed. The total receipts of the Conference for the past year amounted to \$492.66, while the expenditures were \$863.72, the deficit being made up from the accumulated balance in the treasury. The balance on hand July 31, 1919, was \$686.27, of which \$600 is invested in Liberty Bonds.

Reports of the various standing and special committees were received as follows:

*Executive Committee.*—J. A. Koch of Pennsylvania, Chairman.

*National Syllabus Committee.*—T. J. Bradley of Massachusetts, Chairman.

*Committee on Higher Educational Standards.*—W. J. Teeters of Iowa, Chairman.

*Committee on Faculties.*—Zada M. Cooper of Iowa, Chairman.

*Committee on Curricula and Teaching Methods.*—J. W. Sturmer of Pennsylvania, Chairman.

*Committee on Activities of Students and Alumni.*—R. A. Lyman of Nebraska, Chairman.

*Committee on Relations of Pharmacy Schools and other Professional Schools.*—W. F. Rudd of Virginia, Chairman.

*Committee on Research.*—Henry Kraemer of Michigan, Chairman.

*Committee to Consider and Report on the Question of the Establishment of Two Classes of Pharmacists and Corresponding Courses in Colleges of Pharmacy.*—Jacob Dincer of New York, Chairman.

*Committee to Work Out Methods of Presenting the Advantages of Pharmacy as a Calling to High School Students.*—W. B. Day of Illinois, Chairman.

*Joint Committee on Examination Questions.*—E. A. Ruddiman of Tennessee, Chairman.

*Committee on Relations of the Colleges with the Boards.*—Charles E. Caspari of Missouri, Chairman.

All of these committee reports will be published in the proceedings of the Conference and several of them will appear in other publications.

H. H. Rusby, of New York, read a paper on the Betterment of Salary Conditions in our Schools of Pharmacy, and, after discussion, it was voted that the Executive Committee send copies of this paper to the administrative heads of all colleges of pharmacy with the request that steps be taken to secure additional funds so that the salaries paid to teachers in the pharmacy school can be materially increased.

W. H. Ziegler, of South Carolina, presented a paper on the teaching of pharmacodynamics and related subjects in pharmacy schools, which was thoroughly discussed by many of the delegates present.

It was voted to appoint a representative for the Conference on the newly organized pharmaceutical publicity committee, representing all the interests allied with pharmacy

and to pay its share of the expenses of this committee.

It was voted to accept the invitation for the Conference to be represented in the National Drug Trade Conference.

The following officers were elected for the ensuing year:

*President*, Wortley F. Rudd of Richmond, Va.

*Vice-President*, Julius A. Koch of Pittsburgh, Pa.

*Secretary-Treasurer*, Theodore J. Bradley of Boston, Mass.

*Chairman of the Executive Committee*, Henry Kraemer of Ann Arbor, Mich.

*Members of the Executive Committee*.—Charles B. Jordan of Lafayette, Ind.; Julius W. Sturmer of Philadelphia, Pa.; Rufus A. Lyman of Lincoln, Neb.

*Member of the Pharmaceutical Syllabus Committee*.—E. Fullerton Cook of Philadelphia, Pa.

#### THE NATIONAL ASSOCIATION OF BOARDS OF PHARMACY.

BY H. C. CHRISTENSEN, SECRETARY.

The first session of the Sixteenth Annual Convention of the National Association of Boards of Pharmacy was called to order by President John Culley of Utah, at 10 o'clock Monday morning, August 25, 1919, in Parlor C of the Pennsylvania Hotel, New York City.

The meeting proceeded at once with the order of business. Secretary Christensen called the roll of States and announced that 31 State Boards of Pharmacy were represented, the total of delegates being 62. The 31 States represented at the meeting including the District of Columbia, were the following: Alabama, Arkansas, Colorado, Connecticut, District of Columbia, Florida, Georgia, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Utah, Vermont, Virginia, West Virginia. At this time the *Active* Member list of the N. A. B. P. includes 43 States and the District of Columbia, making a total 44 between which reciprocity is in force. The State of New York is an "Associate" member State. There is at present no reciprocity between the State and Active Member States of the Association, although it is expected that conditions will permit of this important step in the very near future.

Probably the one most important accomplishment of the meeting was the adoption of a reorganization plan proposed by President Culley. In bringing the matter of reorganization to the attention of the Association the President stated in part, as follows: "The Association was organized sixteen years ago expressly to provide for interstate reciprocity in pharmaceutical licensure based upon a uniform pharmaceutical education and uniform legislation as stated in the Association's Constitution." He then explained that not only had this object practically been accomplished, but that it had been necessary to enter into so many other pharmaceutical, legislative and educational activities that he believed the organization as constituted not equal to the added burden imposed upon it. He emphasized the necessity for reorganization and explained that it was not a question of what had or had not been accomplished, "but a question of what we must do, and that our work is cut out for us." The plan of reorganization as adopted divides the United States into eight geographical districts or sections, with a Vice-President to be elected for each district, to have full power of supervision as a representative of the Association's work. The Vice-President in each of the eight districts is also to act as a member of the Advisory Committee for his district, and is to make personal visits to the boards included in his section. The Secretary of the Association is to remain the Chairman of the Advisory Examination Committee and is to attend meetings of boards of pharmacy in the different districts.

Probably the strongest feature of the reorganization plan is the one which provides that the President be elected from the membership of the eight Vice-Presidents, and that of the Executive Committee three members be elected from ex-Presidents. This arrangement will give a thoroughly systematic and well balanced working force and will, it is believed, bring correspondingly better results.

The Association again went on record as favoring higher requirements,—both preliminary and professional, and instructed the Secretary to take up with the individual State boards of pharmacy the matter of urging the adoption of four years of High School work and graduation in pharmacy as a pre-requisite for entrance to examination for registered pharmacist; these requirements to become effective not later than October 1, 1923.

The recommendation of the President with reference to the Fairchild Scholarship was unanimously adopted. The recommendation is as follows: That the Scholarship be a second year term in a Conference School or College of Pharmacy and be awarded on the basis of a competitive examination to candidates who are High School graduates and who have finished their first year work in a school or college of pharmacy, and that each school should be allowed or limited to two, or at the most three, candidates.

A recommendation was also passed that State boards, insofar as it is possible in accordance with laws governing registration of pharmacists in various States, require that candidates for examination must be citizens of the United States.

The Association also went on record as being adverse to the handling of narcotic prescriptions written by physicians for addicts, and recommended that the Government and the States provide institutions where these unfortunates would be under the personal care of nurses and physicians in the administration of curative dosages.

A motion was made and unanimously carried, that the boards obtain power wherever possible to revoke State licenses on "wilful" violation of narcotic laws.

On presentation by Professor Army of the proposition to organize a National Committee on Pharmaceutical Publicity this plan received the unanimous endorsement of the Association, which carried with it the recommendation that the N. A. B. P. hold membership in such an organization.

Officers for the ensuing year were elected, as follows:

*President*, W. R. Jarrett of Oklahoma City, Okla.

*Vice-Presidents*: L. L. Walton, Pennsylvania; Joseph Piercy, Nevada; Joseph L. Dow, New Hampshire.

*Executive Committee*: Charles Gietner, Chairman, Missouri. Members: John Culley, Utah; Lawrence C. Lewis, Alabama. Treasurer, Charles H. Skinner, Vermont; Secretary, H. C. Christensen, Illinois.

#### PHARMACY IN THE ARMY AND NAVY.

A meeting of the National Pharmaceutical Service Association was held on the evening of August 28th at the Hotel Pennsylvania during the Convention of the American

Pharmaceutical Association and everyone was cordially invited to be present.

The President, Dr. Frank Cain of Cincinnati, presided, and read an address urging the joint effort of pharmaceutical organizations working in harmony with physicians toward the proper recognition of pharmacy in the Army and Navy. He also presented the following letter from the Surgeon-General, which was received with applause and recognized as the beginning of the cordial relationship which will undoubtedly result in the adequate recognition of pharmacy:

"WAR DEPARTMENT,  
OFFICE OF THE SURGEON-GENERAL,  
WASHINGTON.

August 14, 1919.

"PROFESSOR E. FULLERTON COOK,  
145 North Tenth Street,  
Philadelphia, Pa.

"MY DEAR DR. COOK:

"I now desire to give you in writing the substance of the conversation we had on August 11th, in regard to commissions for pharmacists in the medical department of the Army. I think it is most important for the future welfare of the medical department to have a service corps for commissioned officers. To become an officer in this corps, it will be necessary for an applicant to enlist in the medical department and serve for a period of about five years. During this time he will be given an opportunity to perfect himself in hospital administration, quartermaster's duties, motor transport service, mess management, registrar's duties, pharmaceutical work, and the general duties of the hospital corps. It will be one of the requirements that an applicant for a commission in the service shall be a non-commissioned officer for 3 years of his 5-year enlistment. The duties of the officers of the service corps will be to act as adjutants of our large hospitals, property officers, mess officers, transport officers for the ambulance companies, and various other duties of non-professional character, connected with the medical department, for which we now have to use a highly trained medical officer.

"I have recommended to the General Staff that a service corps for the medical department be incorporated in the army reorganization bill now before Congress, and I sincerely trust this corps will be authorized.

"I am perfectly willing that a limited num-

ber of vacancies in the service corps shall be set aside for men who specially qualify themselves as pharmacists, and in the course of instruction candidates for the service corps will have to take, suitable provision will be made for advanced instruction in pharmaceutical work.

"After our very frank discussion of the needs of the medical department for pharmacists, I think we both agree that this will solve the question in a most satisfactory manner.

"With cordial regards, believe me,

"Very sincerely yours,

(Signed) M. W. IRELAND,  
*Surgeon-General, U. S. Army.*"

The President believed that the proposal of the Surgeon-General should be carefully considered and that a conference should be held with the Surgeon-General by a committee representing the several pharmaceutical organizations, and by this means to arrive at a plan whereby the associations can assist the Surgeon-General in his effort to establish a "service corps" and also provide a better status for pharmacists in the corps.

It was believed that the five-year non-commissioned service as a pre-requisite to commissions should be modified for those men who have adequate scientific training, although the Surgeon-General's desire that the candidate for commission should have thorough military training was recognized as essential.

The Secretary presented a statement of the general situation in both the army and navy, calling attention to the fact that the Hospital Corps Bill, known as H. R. 4760, had been combined in what was known as the Personnel Bill, and hearings will be granted some time this fall. The importance of securing the approval of the Secretary of the Navy was emphasized, and since then it has been learned that this will be of vital importance in obtaining the favorable consideration of the Naval Affairs Committee. Every effort should be made to enlist the interest and secure the approval of Secretary Daniels.

Colonel Frederick M. Hartsock, of the Surgeon-General's office, was present and spoke of the excellent work done by pharmacists in the Army, which was recognized as indispensable. He said the general staff had not worked out the details of the reorganized army, but that pharmacy should, in his opinion, be given adequate recognition. He recommended that proper presentation be made by pharmacists of their cause and that a definite plan

be worked out and presented to the Surgeon-General. A vote of thanks was extended to Colonel Hartsock for his frank statement and evident interest in pharmacists in the Service.

Mr. Beringer, in expressing appreciation for the statement made by Colonel Hartsock, expressed the hope that Colonel Hartsock would take back to the Surgeon-General's office the sense of this meeting and of this Association, which had always stood for co-operation with the Surgeon-General and desire to give the Army and Navy the most efficient aid and trained service which pharmacy could offer, and only asked for an opportunity on a basis which would permit the best service.

Lieutenant W. T. Minnick, of the Hospital Corps of the Navy, then spoke of the work of the pharmacist in the Navy. He stated that a Surgeon-General is compelled to take the view of the best interests of the entire service in recommending a preliminary military training before receiving commissions. He explained the many activities of the pharmacist in the Navy and the need for thorough training. The Association voted a motion of thanks to Lieutenant Minnick for his clear exposition of the situation in the Navy.

Mr. Charles F. Harding, President of the National Association of Retail Druggists, was present and promised the coöperation of the N. A. R. D. in every proper effort which would be started to insure proper recognition of pharmacy in the Army and Navy, and he suggested that all interests get together in a conference and devise a plan upon which all could unite. In the limited time available, the general subject was discussed by Professor Spease of Cleveland, Mr. Mayo of Cincinnati, Major F. L. McCartney, a pharmacist who served in the department of supplies in the Surgeon-General's office throughout the war, and by others.

Mr. Beringer moved that a committee be appointed by the President to endeavor to secure an early conference with the Surgeon-General of the Army, if possible in coöperation with similar committees from other national pharmaceutical associations, presenting the views of American pharmacy concerning the Surgeon-General's suggestion for the organization of a "service corps," and the recognition of pharmacy as set forth in his letter of August 14th, endeavoring to arrive at a mutually satisfactory plan for the establishment of pharmacy in the Army. This motion



was seconded and unanimously approved. Dr. Cain, the President, appointed on this committee for the conference with the Surgeon-General of the Army, Mr. George M. Beringer, Chairman, and Mr. Caswell A. Mayo and E. Fullerton Cook as the other members.

E. FULLERTON COOK,  
*Secretary, N. P. S. A.*

#### THE AMERICAN CHEMICAL SOCIETY.

Probably the largest meeting in the history of the American Chemical Society was held in Philadelphia during the week of September 3. A feature of the Convention was the *Daily Catalyst*, the official bulletin of the Philadelphia and Delaware Sections of the A. C. S., Robert P. Fischelis being one of the editors. Secretary of War Baker addressed the convention.

The Society indorsed the establishment of a separate Federal patent and trade-mark office; attacked the policy of the Army with respect to the abolition of the Chemical Warfare Service; defended the quality of American dyes now attacked by German propaganda, and urged a request to President Wilson to take operative control of German dye plants in occupied territory.

The Council accepted the invitation of St. Louis for the spring meeting of 1920 and the autumn meeting will be held in Chicago.

Dr. Charles Herty was again elected editor of the *Journal of Industrial and Engineering Chemistry*. Major A. B. Lamb was reelected editor of the *Journal of the American Chemical Society*, and E. J. Crane the editor of *Chemical Abstracts*. Dr. Charles L. Parsons was chosen secretary, and Dr. B. C. Hesse a member of the Committee on National Policy.

A number of prominent pharmaceutical chemists attending the Convention of the American Chemical Society at Philadelphia were entertained at luncheon at the City Club by the Philadelphia Branch of the American Pharmaceutical Association on Thursday, September 4, 1919.

Those present were Dr. Frank O. Taylor, Dr. George D. Beal, Dr. E. L. Murray, Prof. H. V. Army, Dr. Edward Kremers, Dr. J. H. Beal, Prof. L. E. Sayre, Dr. Reid Hunt, Dr. L. F. Kebler, Dr. A. P. Sy, Dr. H. C. Hamilton, Dr. I. K. Phelps, Prof. W. F. Rudd, Dr. H. T. Graber, Prof. Jeannot Hostmann, Dr. T. S. Githens, Dr. Arthur Hirschfelder, Dr.

Frank R. Eldred, H. K. Mulford, Dr. C. E. Vanderkleed, C. H. Kimberly, Dr. P. S. Pittenger, Dr. W. A. Pearson, Dr. F. E. Stewart, Prof. F. F. Cook, Prof. J. W. Sturmer, Dr. R. P. Fischelis, R. H. Lackey, Prof. Charles H. LaWall, Jos. W. England, Ambrose Hunsberger, E. G. Eberle and Elmer H. Hessler.

#### NATIONAL ASSOCIATION OF RETAIL DRUGGISTS.

Theodore F. Hagenow, of St. Louis, was elected president of the National Association of Retail Druggists at the twenty-first annual meeting of that organization held at Rochester. Mr. Hagenow has long been identified with the Association, having been an ardent worker in its ranks, and a member of its executive committee.

Vice-President W. A. Oren, of Indianapolis, was reelected and also Secretary Samuel C. Henry. The other elected officers are: Second Vice-President, Elmer E. Chilson of Rochester, N. Y.; Third Vice-President, Chas. J. Clayton of Denver, Colo.; Treasurer, John J. Possehl of Milwaukee, Wis.; Members of Executive Committee for three years, Julius H. Riemenschneider of Chicago, Ill., and Charles F. Harding of Cincinnati, Ohio.

The attendance was satisfactory and the interest gratifying. The drug exhibition proved an attractive feature.

Resolutions adopted favored the refusal of druggists to sell alcoholic liquors, even on prescription. Other resolutions contained an appeal for legislation to protect the chemical and dye industries of the country, favored an early repeal of the tax on proprietary goods, supported the Stephens bill, urged manufacturers to adopt the Colgate price-protection plan, recommended that druggists advertise none but price-protected goods, opposed the sale of drugs and medicines except by druggists, and inveighed against manufacturers' advertising derogatory to retailers.

According to official reports, during the year just brought to a close the association enjoyed the largest membership in its history.

#### AMERICAN DRUG MANUFACTURERS' ASSOCIATION.

On August 28, the Scientific Section of the American Drug Manufacturers' Association held a meeting at the Waldorf-Astoria, New York City, at which President Sayre of the A. Ph. A. was a notable guest.

One of the actions of greatest moment took

the form of a recommendation that Extracts of Aconite Leaves be deleted from manufacturers' price-lists on the ground that there is practically no demand for these troublesome preparations. In connection with the subject of Aconite it was also decided to recommend the recognition of Japanese Aconite in the U. S. P., but as a separate drug, since its constituents are somewhat different. It is thought that its admission would relieve the shortage of aconitine, of which there is none available in this country at this time.

Attention was also given to the fact that some of the menstrua of the U. S. P. are not entirely satisfactory and that, as a result, manufacturers are in many instances obliged to list a formula providing a special menstruum of their own in addition to the formula of the U. S. P., thus multiplying to a degree that is vexatious to both manufacturer and dealer the number of preparations to be carried in stock. With a view to simplification, a sub-committee was appointed to collect the experience of manufacturers on unsatisfactory menstrua and to endeavor to compile a simpler list of menstrua that they will be able to recommend to the Committee of Revision as meeting the approval of all manufacturers.

F. R. Eldred proposed that the Association retain the services from time to time of eminent research workers to conduct exhaustive researches on certain drugs of which comparatively little is known and to publish the results of their work for the benefit of all. It was thought that a place might be found for the work in the Mellon Institute and it was remarked that an investigator would progress at an immeasurably faster rate than if working alone, since he would have the benefit of the facilities and experience of the laboratories of almost all the pharmaceutical manufacturers of the country. The "Constituents of Digitalis" was suggested as the subject of the first of these treatises for, while the literature of Digitalis is voluminous, the subject is left in a most unsatisfactory condition. The Section recommended careful consideration of Dr. Eldred's proposal by the Association's Executive Committee.

#### DAIRY, FOOD AND DRUG OFFICIALS.

The twenty-third annual Convention of the Association of Dairy, Food and Drug Officials was held in New York City during the week of September 8. More than 300 delegates

were present. Dr. L. P. Brown spoke on "Food Sanitation in Army Camps," Dr. Carl S. Alsberg on "Food Containers and Utensils."

Dr. R. E. Rose, State chemist of Florida, who spoke on "State Drug Control, Present and Future," advocated an amendment of the national food and drug law by striking out of the provision allowing sub-standards of pharmaceuticals.

The following resolution was adopted:

WHEREAS, The U. S. Pharmacopoeia is the legally constituted standard for drugs under the drug laws of the several States and of the United States, and

WHEREAS, The U. S. Pharmacopoeia is revised at fixed intervals by a revision committee; therefore, be it

*Resolved*, That it is the judgment of the Association of American Dairy, Food and Drug Officials that the Federal and State drug control officials should be more adequately represented on the committee having in charge the revision of the U. S. Pharmacopoeia.

#### STATE PHARMACEUTICAL ASSOCIATION OFFICERS FOR 1919-1920.

##### NORTH DAKOTA.

*President*, John H. Vold, Grand Forks.

*First Vice-President*, Homer L. Hill, Sutton.

*Second Vice-President*, Oscar Zuercher, Kenmare.

*Secretary*, R. G. Cook, Fargo.

*Treasurer*, W. S. Parker, Lisbon.

*Executive Committee*: A. C. Grant, St. Thomas; Max Strehlow, Kindred; P. L. Foss, Page.

A committee on publicity was created. It was decided to hold the meetings of the Association during the winter. Grand Forks was selected and the meeting will be held in February.

##### OREGON.

*President*, J. C. Perry, Salem.

*First Vice-President*, E. A. Robbins, Portland.

*Second Vice-President*, Claud J. Kern, Cottage Grove.

*Third Vice-President*, L. I. Crocker, Portland.

*Secretary*, A. W. Allen, Portland.

*Treasurer*, B. F. Jones, Portland.

This was the largest meeting in the history of the Association. The dues were raised to \$12.00 annually, and an acting-secretary is to give all of his time to the Association and the

State Board of Pharmacy. The National Associations were endorsed, and coöperation with the National Drug and Chemical Alliance pledged in legislative matters.

## SOUTH DAKOTA.

*President*, Perry H. Clute, Big Stone City.

*First Vice-President*, R. H. Ottman, Lead.

*Second Vice-President*, H. E. Anderson, Brookings.

*Secretary*, E. C. Bent, Dell Rapids.

*Treasurer*, A. A. Woodward, Aberdeen.

*Local Secretary*, E. R. Serles, Brookings.

President Vilas suggested stronger coöperation with the National Associations. A permanent publicity committee was created. Secretary Bent not only presented the usual statistics in his report, but paid a deserved tribute to pharmacists in the Service from South Dakota.

## WASHINGTON.

*President*, Frank Robertson, Spokane.

*First Vice-President*, Harvey Young, Yakima.

*Second Vice-President*, Harry Ellwood, Ellensburg.

*Secretary*, G. Elmer Brown, Spokane.

*Treasurer*, Mrs. E. C. McRae, Spokane.

Legislative matters concerned the Association.

Oregon and British Columbia Associations have been invited to meet with this organization next year at the Driftwood Hotel, Long Beach, Wash.

## WYOMING.

*President*, A. E. Roedel, Cheyenne (re-elected).

*First Vice-President*, John Yaeger, Rawlins.

*Second Vice-President*, W. P. Hays, Saratoga.

*Secretary-Treasurer*, E. J. O'Brien, Casper.

Torrington was selected for the 1920 meeting, and the date, August 12.

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## THE PHARMACIST AND THE LAW.

### LIQUOR SALES IN CASES OF SUDDEN ILLNESS.

A Philadelphia U. S. Court decision acquitted a saloonkeeper who had sold whiskey as a medicine. There was then an impending epidemic of illness, but this was averted by Judge Dickinson of the U. S. District Court, Philadelphia, by a ruling which restricted such sales to cases of serious illness.

### LABEL ON DENATURED ALCOHOL.

A recent circular, issued by the Commissioner of Internal Revenue as a treasury decision, notifies revenue officers concerning a new ruling relative to the labeling of packages of completely denatured alcohol. The notice states:

In view of the grave and extended abuses of the use of completely denatured alcohol reported, it is deemed necessary to print upon the labels affixed to wholesale and retail packages a further and more specific warning as to its use than is shown on the present required label.

In addition to the present matter on the labels there will be required on all new labels hereafter the printing in large letters in red ink under the skull-and-bones symbol the

word "Poison," and at the bottom of the label there will be printed the following statement:—

"Completely denatured alcohol is a violent poison. It cannot be applied externally to human or animal tissue without seriously injurious results. It cannot be taken internally without inducing blindness and general physical decay, ultimately death."

Until the present stocks of labels are exhausted this additional matter may be affixed to the containers on a separate label pasted above the present required label."

### AMERICAN OWNERS OF TRADE- MARKS PROTECTED BY JAPANESE COURTS.

The Supreme Court of Japan, in a suit instituted by a Philadelphia manufacturing company for the protection of its trademark rights, has handed down a decision which upholds trademark rights guaranteed under Japan's treaty agreement with the United States. The company which brought suit is the Miller Lock Co. The Japanese Patent Office decided in the company's favor and the Crown Lock Co. appealed to the Supreme Court of Japan. Every American owner of a trademark registered in Japan is now assured of protection by Japanese Courts.

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