

DIPHTHERIA TOXOID (See *The Journal*, Aug. 4, 1928, p. 321).

Parke, Davis & Co., Detroit.

Diphtheria Toxoid.—Prepared from diphtheria toxin of which the L+ dose is 0.25 cc. The toxin is treated with formaldehyde according to the specifications of the U. S. Public Health Service until it is detoxified so that 5 cc. (5 minimum human doses) injected into 300 guinea-pigs will not produce signs of toxic poisoning. It is tested for antigenic power by subcutaneous injection of 0.5 cc. into ten 300-gram guinea-pigs. After thirty days the animals are injected with 5 M. L. D. of diphtheria toxin and the product is considered satisfactory if 80 per cent survive. Diphtheria toxoid-P. D. & Co. is marketed in packages (Bio 2100) containing one bulb (0.5 cc.) of dilute diphtheria toxoid for the reaction test and two bulbs (0.5 and 1.0 cc.; respectively), of diphtheria toxoid, also in hospital packages (Bio 2102) containing two bulbs of dilute diphtheria toxoid for the reaction

test (0.5 cc. each) and twenty bulbs of diphtheria toxoid (ten of 0.5 cc. and ten of 1.0 cc.).

Dosage.—For the reaction test, 0.1 cc. of dilute diphtheria toxoid intradermally; for immunization, two doses (0.5 and 1.0 cc.) of the diphtheria toxoid subcutaneously, with an interval of three or four weeks between injections.

LIQUID PETROLATUM (See, New and Nonofficial Remedies, 1928, p. 235).

The following dosage form has been accepted:

Petrolagar (with Milk of Magnesia): Liquid petrolatum, 65 cc.; magnesia magma, 8 cc.; emulsified with agar in a menstruum containing sugar, flavoring, sodium benzoate 0.1 Gm., and water to make 100 cc. Prepared by the Deshell Laboratories, Inc., Chicago. No. U. S. patent. U. S. trademark 165,616.

From *Jour. A. M. A.* for June 1, 1929.

SOCIETIES AND COLLEGES.

NATIONAL CONFERENCE ON PHARMACEUTICAL RESEARCH.

PREPARED FROM THE REPORT OF SECRETARY JOHN C. KRANTZ, JR.

The 8th annual meeting of the National Conference on Pharmaceutical Research was convened by Chairman H. V. Army at the School of Mines, Rapid City, So. Dak., August 24, 1929. The Chairman, in his annual address, reviewed the work of the Conference, and outlined its unusual growth over the eight years of its existence. Dr Army closed his remarks by calling attention to the great possibilities which lay ahead of the great organization in fostering pharmaceutical research.

The new constitution and by-laws were presented by the Committee on Expansion under the chairmanship of Dr. L. L. Walton. The constitution and by-laws as presented to this committee were discussed seriatim, and after certain minor changes they were adopted as a whole.

The reports of the Standing Committees, in regular order, were made by the following: S. L. Hilton, E. Fullerton Cook, W. L. Scoville, H. A. B. Dunning, J. A. Koch (for Geo. D. Beal), Heber W. Youngken, E. N. Gathercoal, J. C. Peacock, G. W. McCoy, John C. Krantz, Jr. (for Ambrose Hunsberger), James C. Munch (for Paul S. Pittenger), E. G. Eberle, C. B. Jordan.

An address was given by Dr. Edward Kramers regarding research and plant chemistry. The address was favorably received by the Conference.

Dr. H. H. Rusby gave a short address in which he advocated the deposition of a sample

of any drug in the A. Ph. A. headquarters building upon which research had been performed for reference for future workers.

Resolutions were passed commending the work of the Druggists' Research Bureau, that consideration be given to the possibilities of annually publishing the proceedings of the Conference; that the book, entitled "Fighting Disease with Drugs," be published under the auspices of the Conference; and also a resolution of thanks for hospitalities.

Report on Color Standards was made by E. N. Gathercoal; on the Book of Research Achievements by John C. Krantz, Jr.; on the work of the Glass Containers Association by H. V. Army; on the Standardization of the Glass Containers (meeting held in Washington) by John C. Krantz, Jr.

Professor Petri addressed the Conference and President Jones brought greetings of the AMERICAN PHARMACEUTICAL ASSOCIATION.

The officers for the ensuing year are: *Chairman*, E. N. Gathercoal, Chicago; *Vice-Chairman*, E. Fullerton Cook, Philadelphia; *Secretary*, John C. Krantz, Jr., Baltimore; *Treasurer*, Philip I. Heusler, Baltimore. *Members of the Executive Committee*: H. V. Army, New York; L. W. Warren, Washington; L. L. Walton, Williamsport.

NATIONAL WHOLESALE DRUGGISTS' ASSOCIATION.

The National Wholesale Druggists' Association held their annual meeting at French Lick Springs Hotel, September 30th to October 3rd. The Association endorsed the Capper-Kelly Bill, and passed resolutions requesting the National Drug Trade Conference to consider

and adopt ways and means for securing more reasonable enforcement of labeling under the Food, Drug and Insecticide Laws, and also requested the National Drug Trade Conference to give attention to the so-called Smoot Bill, proposing a censorship of advertising.

Among the speakers of the convention were James M. Doran, Julius Riemenschneider and Samuel C. Henry. Greetings were received from President H. A. B. Dunning and Secretary E. F. Kelly of the AMERICAN PHARMACEUTICAL ASSOCIATION. The telegram was referred to the Board of Control because of the inclusion of recommendations urging the passage of resolutions and the Pharmacy Corps Bill and the Parker Bill.

H. J. Ostlund, director of the N. W. D. A. Statistical Division gave an interesting address on the results obtained by the work of this division. The Association directed that all the bulletins issued to date by this division be incorporated into the official printed proceedings.

The 1930 Convention will be held in Colorado Springs.

The following were elected as officers and members of the board of control: *President*, Lee M. Hutchins, Grand Rapids, Mich.; *Vice-Presidents*, James M. Penland, Waco, Texas; Warner James, Brooklyn, N. Y.; George Van Gorder, Cleveland, Ohio; Albert W. Clafin, Providence, R. I. and C. D. Smith, Salt Lake City, Utah; *Members of the Board of Control for three-year term*, W. L. Thompson, Troy, N. Y.; H. D. Faxon, Kansas City, Mo.; A. Kiefer Mayer, Indianapolis, Ind. and Sherwood Coffin, San Francisco, Calif.

E. L. Newcomb was reappointed *Secretary*; his work was given hearty endorsement. Five thousand dollars were appropriated for the support of the Druggists' Research Bureau, provision for continuation of representation, and members were urged to continue their cooperation.

NATIONAL ASSOCIATION OF RETAIL DRUGGISTS.

The annual meeting of the National Association of Retail Druggists was held in Minneapolis during the week of September 16th and proved, as was to be expected, successful in every particular.

The officers for the ensuing year are: *President*, Thomas Roach, of Oklahoma City; *First Vice-President*, John W. Dargavel, Minneapolis; *Second Vice-President*, C. T.

Hull, New Haven; *Third Vice-President*, W. M. Rheineck, Milwaukee; *Secretary*, Samuel C. Henry, Chicago; *Treasurer*, Charles Ehlers, Cincinnati. Denny Brann, of Des Moines, retiring president, and Bernard M. Keene, of Indianapolis, were elected members of the executive committee for three years, and Julius Riemenschneider was unanimously reelected chairman of that body. James F. Finneran, veteran officer of the Association, pinned the past-president's badge upon Denny Brann. Dr. James H. Beal brought greetings and good wishes from the AMERICAN PHARMACEUTICAL ASSOCIATION; Leith S. Temperton, of Baltimore, spoke for the American Drug Manufacturers' Association; J. P. Jelinek, of St. Paul, on behalf of the National Association Boards of Pharmacy; Dean F. J. Wulling for the American Association of Colleges of Pharmacy, and J. H. Marshall for the Federal Wholesale Druggists' Association.

W. Bruce Philip was chairman of the Committee on Resolutions; the following resolutions were approved: To create a permanent Pharmacy Week committee. That attempt be made to secure more responsible enforcement of the Food and Drugs Act. Against price discrimination by manufacturers against retailers. Endorsing first week of November as Baby Welfare Cod Liver Oil Week. Commending Attorney Brokmeyer's work at Washington. Seeking legislation requiring that registered pharmacist's registration number appear on prescription label. Proposing the selection and adoption of association colors. Seeking discontinuance of sale of packaged medicines outside of drug stores. Favoring passage of laws requiring display of pharmacists' certificates in drug stores. That the American Medical Association be asked to influence its members to discontinue the practice of specifying manufacturers' names on standard preparations. Disfavoring the transfer of the prohibition department. Urging election of Secretary Henry. Extending the secretary a vote of thanks for his services. Favoring the selection of convention dates in close proximity to those of the AMERICAN PHARMACEUTICAL ASSOCIATION. Endorsing the passage of the Parker Bill. Supporting passage of the Pharmacy Corps Bill. Expressing regret at loss of departed member, James F. Guerin, of Worcester, Massachusetts. That endeavor be made to increase telephone commissions. Favoring passage of Capper-Kelly Bill. That greetings be sent to the

American Medical Association. Seeking discontinuance of use by U. S. Government of the term "Retail Liquor Dealer" and that the \$25.00 "I" permit fee be dropped. Opposing any change in narcotic legislation that might burden the druggist further. Endorsing educational publicity campaign to laity, and further distribution of the pamphlet, "The Trick of Cut Prices." Opposing the handling by independent druggists of chain store merchandise. That physicians be made the sole judges of the legality of liquor prescriptions. Opposing limitation of ten-cent items to restricted distribution. Disfavoring subsidization of clerks in stores by manufacturers. Favoring discontinuance of Form 1455. Opposing increased tax on black strap molasses. That all means of facilitating the distribution of Congressman Clyde Kelly's answer to cut prices to the consuming public be used. Opposing increased duty on sugar. Eulogizing work of James F. Finneran as officer of association. Extending thanks to the local committee, speakers, hotel, wholesalers and civic enterprises coöperating with Association in making the meeting a success. Joining with the AMERICAN PHARMACEUTICAL ASSOCIATION in favoring the election of Dr. Lyman Spalding, father of the Pharmacopœia, to the Hall of Fame of New York University.

The following resolutions were referred to the Executive Committee: Protest against the acts of officers enforcing exempt narcotic laws. Recommendations of U. S. P. and N. F. committees.

(1) Urging presidents of state associations to appoint delegates to U. S. P. convention.

(2) Use of page in N. A. R. D. Journal each month.

(3) Further distribution of book, "Some U. S. P. and N. F. Preparations."

Favoring continuance of U. S. P. and N. F. campaign of propaganda.

Urging coöperation with National Retailers Association in securing publication of articles in magazines to educate consumer.

Urging that the next meeting be held in Detroit.

Among the speakers of the convention were Honorable Theodore Christianson, Governor of Minnesota, Mayor W. F. Kunze, G. A. Thompson, president Minnesota Pharmaceutical Association; Josie Wanous Stuart, first woman to become registered pharmacist in Minnesota, Mrs. William Estelle Lee ("Little Mother"), Mrs. J. H. Webster,

president W. O. N. A. R. D., E. F. Kelly, Secretary of the A. P. H. A. and David F. Jones, former President A. P. H. A. Addresses of greater length were delivered by J. T. Woodside, U. S. Senator Smith W. Brookhart, E. C. Brokmeyer, Dr. Clifton E. Young (Prohibition Bureau), Carl Weeks and James H. Beal. From the latter address the following quotations are given:

"Why not bring pharmacy once more to the front in the drug store? Why not re-gild and display the old sign of the mortar and pestle, restore the colored globes to the show windows and add the practice of pharmacy to the drug business? Why solemnly proclaim that the druggist is more than a merchant and then disguise the drug store to look like a delicatessen shop? Display and sell everything that trade necessities require, but let pharmacy, the only real legal and logical basis of the drug business, have some place in the display."

"In his own particular province, the independent retailer must readjust himself to modern methods of merchandising, and adopt modern methods of business efficiency. To business efficiency, he will add the force of his individual personality, and will emphasize his professional qualifications for the responsible duties of his calling."

Ambrose Hunsberger addressed the convention on the achievements of the Drug Trade Bureau of Public Information and spoke in highest terms of the results and the work of Director Robert P. Fischelis. The address of President Brann was comprehensive and well received; the report of Secretary Henry speaks of the important work of the Association; the reports of all committees are deserving of favorable comment, but the limitations of space preclude the possibility of a more extended report.

UNITED MEDICINE MANUFACTURERS OF AMERICA.

The eighth annual meeting of the United Medicine Manufacturers of America was held at Niagara Falls, September 24th to 26th. A considerable part of the program was devoted to the discussion of the problems with which the manufacturers of patent medicines are confronted at this time. Among the leaders in the discussion were President H. E. Woodward and Clinton Robb.

The following were elected for the ensuing year:

President, C. H. Littick, Zanesville, Ohio; *Vice-Presidents*, Bernard Groblewski, Plymouth, Pa.; I. R. Blackburn, Dayton, Ohio; W. W. Burgess, Kansas City, Mo. and W. D. McKendrick, Los Angeles, Calif.; *Treasurer*, George W. Reese, Cleveland, Ohio; *Secretary*, James F. Pickett, Scranton, Pa.; *Counsel*, Clinton Robb, Washington, D. C.

FEDERAL WHOLESALE DRUGGISTS' ASSOCIATION.

The 14th annual convention of the Federal Wholesale Druggists' Association was held in Detroit, September 23rd-25th.

President J. H. Marshall's address reviewed drug-trade conditions and surveyed the activities of the Association. Reports were made by Secretary R. E. Lee Williamson, Treasurer O. J. Cloughly and Chairman of the Executive Committee J. J. Dreyer. Reports of the meetings of other drug-trade and professional as-

sociations were made by Messrs. Williamson, Dreyer, Marshall and Seaton. Secretary E. F. Kelly, of the A. Ph. A. brought greetings and gave an account of A. Ph. A. activities, particularly on the progress of the Headquarters, the Pharmacy Corps and the Study of Pharmacy. Papers were read by Messrs. Williamson, Krieger, Seaton, Wilson and Cloughly.

The difficulties and competition of the retailers were discussed both by the President and Secretary. A study is being made of the possibilities of closer coöperation between mutual wholesale houses and service wholesalers. The association ended its sessions after the election of the following officers: *President*, J. H. Marshall, Minneapolis; *Vice-President*, B. O. Heath, Rochester, N. Y.; *Secretary*, R. E. Lee Williamson, Baltimore; *Treasurer*, O. J. Cloughly, St. Louis; *Members of the Executive Committee*, J. J. Dreyer, Newark, N. J.; J. C. Krieger, Buffalo, N. Y.; F. A. Alexander, of Boston.

OBITUARY.

JOSEPH JACOBS.

Sam W. Small, writer in *The Atlanta Constitution*, devoted his section in the issue of August 5, 1929, to a tribute to Dr. Joseph Jacobs, on the occasion of the latter's 70th birthday. Several paragraphs are quoted:

"Here in the city where he has lived the major part of his busy life his name is as popularly known as that of any of his fellow-citizens. His intimates love him and those who know him in person or by reputation hold him in sincerest esteem."

Mr. Small then referred to Mr. Jacobs' activities, charities and achievements; among them, the success for which he is perhaps best known among pharmacists and physicians—having his preceptor acknowledged as the discoverer of ether anesthesia, and a statue in his memory placed in Statuary Hall of the Capitol by the State of Georgia.¹ The writer concludes with the following:

"In the midst of it all, Joe Jacobs is to-day, so far as I can learn, the world's best lover of Bobbie Burns, the immortal Scottish bard of love, humanism and democracy. Gathering

memorabilia of Burns is his burning passion and his store of them is probably unrivalled by any other private collection in existence. What Burns now is on paper, Joe Jacobs is in person and spirit. He is a founder and chief factor of the Atlanta Burns Club which leads the World Federation of Burns clubs.

"But, forgetting his public deeds, I turn to his endearing personal traits, so rich and constant, which have made me his devoted admirer and friend—yet only one such among the thousands who will congratulate him with affection on this 70th natal day."

Now we are called upon to record the passing of our fellow-member; his death occurred on September 7th, after a lingering illness extending over a year or more.

Joseph Jacobs was born in the home of Dr. Crawford W. Long in Jefferson, Ga., in 1859. At the age of 15 he moved to Athens, and secured employment in Dr. Long's store, known as Long & Billups. He attended the University of Georgia while serving as apprentice, and later attended the Philadelphia College of Pharmacy from which he was graduated in 1879. He came to Atlanta in 1884, purchasing the Taylor Pharmacy, corner Peachtree and Marietta streets; later he moved a few doors up on Marietta Street to its present central location and the business developed

¹ A number of articles on the subject were presented before the ASSOCIATION by Mr. Jacobs, the first one at the Lake Minnetonka meeting in 1896.