

he was made an honorary fellow of the college. In connection with his visit to this country he decided to visit a few of the medical institutions of the United States and Canada with "the view of making a brief report, upon re-

turning to England, on medical education."

An object of his visit is to speed up reciprocity between this country and Great Britain concerning medical subjects. The suggestion is a timely one for pharmacy.

SOCIETIES AND COLLEGES.

THE CAPPER-KELLY BILL, TO BE DISCUSSED BY THE AUTHORS OF MEASURE.

Senator Arthur Capper and Representative Clyde Kelly will be the speakers in Soldiers' Memorial Hall, Pittsburgh, Pa., November 20th. The seating capacity of the hall is only 1000 and, hence, tickets will be issued and a charge of 50 cents made to defray the expenses. The passage of the measure means much to druggists and Senator Capper and Congressman Kelly are giving their best efforts in the promotion of the bill, which will be considered during the second session of the 70th Congress. It is to be hoped that the authors will be strongly supported in their efforts. The Western Pennsylvania Retail Druggists' Association is to be congratulated for arranging the meeting. They invite druggists from outside of the state to come, but it is necessary to secure tickets in advance to be assured of a seat. Representative Clyde Kelly is also interested in the establishment of a Pharmacy Corps in the Army.

STATE-WIDE LEGISLATIVE SESSION OF DRUGGISTS.

The first state-wide legislative session of the druggists of Pennsylvania will be held at Harrisburg, November 22nd. The Dauphin County Retail Druggists' Association is planning to entertain 1000 druggists and their wives in Harrisburg on that date. The purpose of this one day meeting in Harrisburg is to discuss needed legislation and perfect plans for a successful legislative year.

Among the measures which will be presented for consideration during the meeting at Harrisburg are:

Restricting the sale of drugs and medicinals to drug stores. (A real bill with public appeal.) Regulating the sale of medicinals for internal use. Placing pharmacists in hospitals and in the public health service. A larger budget for the enforcement of pharmacy laws. More agents for protection against the sale of drugs

by unlicensed establishments. Exemption of registered pharmacists from the bi-annual medical examination. Qualified assistant pharmacists. State aid for the improvement of the practice of pharmacy. The dispensing physician. Restricting the drugless cults.

RE-REGISTRATION NOTICE OF DISTRICT OF COLUMBIA BOARD OF PHARMACY.

W. T. Kerfoot, Jr., Secretary of the District of Columbia Board of Pharmacy—S. E. cor. 7th and L Sts., N. W., Washington, has given notice that under the law of the District of Columbia to regulate the practice of pharmacy and the sale of poisons and for other purposes, as enacted by Congress, May 7, 1906, and amended February 27, 1907, and March 4, 1927, every licensed pharmacist and every licensed dealer in poisons who have been so licensed in the District of Columbia for not less than three years prior to the first day of November 1928 are, under Section 7 of the Act, required to make application to the Board of Pharmacy for re-registration during the month of November 1928. Failure to comply will result in the suspension of license. The fee for licensed Pharmacist is \$3.00 and for licensed Dealer 50 cents.

FEDERAL WHOLESALE DRUGGISTS' ASSOCIATION.

The Federal Wholesale Druggists' Association met in Philadelphia during the week of October 18th. The address of President J. H. Marshall was comprehensive, reviewing the status of the wholesale and retail drug trade and considered buying, selling, coöperative efforts and educational work.

Secretary R. E. Lee Williamson reported on the growth of the organization from a very limited membership to its present of more than 15,000, with a sales volume of 70 million dollars.

Among the resolutions, several had to do with the activities of the Association—Membership of only one coöperative wholesale com-

pany in a city; another for the organization of more coöperative companies.

A Pharmacy Corps in the U. S. Army was endorsed. There was little change in the official family, the officers are: *President*, J. H. Marshall, Minneapolis; *Vice-President*, R. L. Stall, Atlanta; *Secretary*, R. E. Lee Williamson, Baltimore; *Treasurer*, O. J. Cloughly, St. Louis; *Executive Committee*, J. J. Dreyer, Newark, N. J.; John C. Krieger, Buffalo; Frank R. Rohrman, Philadelphia. Mr. Rohrman succeeds Mr. Stall as a member of the executive committee.

OFFICERS OF ARIZONA PHARMACEUTICAL ASSOCIATION.

Arizona pharmacists met in convention at Bisbee, October 17th-18th. President Smith's address centered on organization work and legislative promotions. A pharmacy bill has been drafted and the people are to be impressed with the importance of the legislation as a public health measure. The measure amends the present law; it is proposed to have Section 12 read:

"It shall be unlawful for any person not a registered pharmacist within the meaning of this act, or any firm, corporation, or co-partnership, to open or conduct a place of business, pharmacy, dispensary, drug store, apothecary shop or store, in which drugs, medicine or poisons are retailed, compounded or dispensed, or to stock, expose, offer for sale, at retail, any drugs, medicines, chemicals, poisons, also medicinal preparations known as U. S. P. products and put up in handy packages for household purposes or otherwise known as household wets or dries, except as otherwise specifically provided; or to use or exhibit the title of drugs, drug store, drug shop, pharmacy or apothecary or any combination of such titles, or any title or description of like import, or any other term or terms designated to take the place thereof, without placing in active personal charge thereof at each place of business a pharmacist duly registered or licensed by the board of pharmacy of this state.

"Every pharmacy shall be owned by a licensed pharmacist; every drug store shall be owned by a licensed druggist; and no co-partnership shall own a pharmacy unless all the partners are licensed pharmacists, and no co-partnership shall own a drug store unless all the partners are licensed druggists."

The officers of the Association are:

President, Edward Dorsey; *Vice-President*,

H. A. Twining; *Treasurer*, Al L. Boehmer; *Secretary*, Arthur G. Hulett; *Executive Committee*: J. Homer Smith; T. Ed. Litt; A. Guy Crouch C. M. Wood and James Ball.

ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS.

The 44th annual meeting of the Association of Official Agricultural Chemists was held in Washington, during the last week of October. The address of President Oswald Schreiner dealt with "The Rôle of the Rarer Elements in Soils, Foods and Drugs." He showed slides exhibiting the influence of manganese, copper and boron. He pointed out the need for methods which will measure minute quantities of the rarer elements without the necessity for enormous concentration.

The Drug Section was presided over by Chairman A. G. Paul who discussed "Anesthetics," particularly ether and chloroform and also mercurials and arsenic compounds. Among the papers presented in this Section was one by Wm. T. McCloskey and J. C. Munch on "Oil of Chenopodium;" J. C. Munch also contributed a paper on the "Testing of Male Fern."

Honorary President Harvey W. Wiley spoke on the "Life of Pasteur;" he stressed the importance of his work to agriculture. A testimonial dinner was given to Dr. Wiley, October 30th. The following were elected officers for the ensuing year:

President, H. B. McDonnell, College Park, Md.; *Vice-President*, E. M. Bailey, New Haven Conn.; *Secretary-Treasurer*, W. W. Skinner, Washington; *Members of the Executive Committee*: F. C. Blanck, Washington; L. D. Haigh, Columbia, Mo. and Oswald Schreiner, Washington.

Dean G. L. Curry of the Louisville College of Pharmacy has announced that the award, Simon N. Jones Memorial Scholarship for 1928-1929, has been made to Charles D. Blanford, of 2113 Hale Ave., Louisville, Ky.

Chester A. Duncan, Dean of Baylor University College of Pharmacy, resigned the deanship of that department on October 26th. Dr. Duncan had been dean of the Department since 1915.

Cincinnati College of Pharmacy has a new building, that is, a building which was originally built for a college has been remodeled to suit the needs of the School of Pharmacy. **Fred. S. Kotte** is president of the College.

SYMPOSIUM ON THE GENUS MENTHA.

BY G. A. RUSSELL,¹ CHAIRMAN.

The second annual Symposium on the Genus *Mentha* was held August 23, 1928, at Portland, Maine, during the annual convention of the AMERICAN PHARMACEUTICAL ASSOCIATION. There were present, thirteen men interested in the study of the mints, no two of which approached the subject from the same angle.

Prof. F. J. Bacon of Western Reserve University gave an illustrated talk on "The Botanical Origin of American Peppermint," and pointed out that the peppermint oils of commerce are derived from several species, varieties or forms of the genus *mentha*. His study of the wild and cultivated mints yielding the oils of commerce show all gradations of form, from the capitate inflorescence to the spicate inflorescence and a combination of the two forms on the same plant.

Bacon stated that most recent authors are in accord with the present hybrid origin of peppermint because of the varying types of plants yielding peppermint oil and the fact that the plant is sterile. His researches have shown that the hybrid nature of *M. piperita* L. has been established by a comparison of morphological characteristics and not by experiment hybridization. Bacon plans to conduct such experimental hybridization and to make a phytochemical study of the oils in an attempt to establish the origin of the American Peppermint Plant.

Prof. Edward Kremers of the University of Wisconsin reviewed the work of some of his students on the non-volatile constituents of *M. piperita* and *M. arvensis*, and mentioned the work of Dr. Gordon on *M. aquatica*. Kremers pointed out that whereas the oil of peppermint had been known for several generations, no one has until the present, given any thought to the non-volatile constituents of the plant. Gordon's work on *M. aquatica* was done under a fellowship from the National Research Council and will soon be published. Dr. Braun, another student of Prof. Kremers', is now carrying on a parallel line of study on *M. piperita*.

Dr. C. K. Glycart of the Chicago Station, Food, Drug and Insecticide Administration, reported on a survey made of the peppermint-producing areas of Indiana and Michigan. He called attention to the most recently discovered enemy of the mint plant, the mint

flea-beetle. The State Department of Agriculture, at Lansing, Michigan, have given this pest serious study and have issued bulletins describing the beetle, its life cycle and its control.

Dr. Glycart pointed out that adulteration of peppermint oil was not common, but that in the past, certain producers had sophisticated by substituting both lard and coal oil. He further pointed out the Japanese Peppermint Oil (corn-mint oil) must be imported and sold only in strict compliance with the rulings of the Food and Drugs Act.

Prof. B. V. Christensen of the University of Florida has become interested in *M. arvensis* as a possible minor crop for his state. The College of Pharmacy of the University is carrying on a series of cooperative experiments to determine the effect of climatic conditions on the menthol content of Japanese Peppermint. A few comparative results have been obtained but the experiments have not yet been developed sufficiently to warrant definite statements. The results to date, however, give promise of some interesting conclusions within a brief time.

Prof. W. O. Richtman of the University of Wisconsin talked very informally of his breeding experiments with mints. These experiments are just getting nicely under way and give promise of most interesting results, both of academic and commercial importance. Richtman will inaugurate and carry on at the same time, a series of experiments dealing with the effect of commercial fertilizers on the yield and quality of peppermint oil, a subject that has not previously received the attention that it warrants.

The next meeting of the symposium will be held at Rapid City, South Dakota during the week of the seventy-seventh annual meeting of the AMERICAN PHARMACEUTICAL ASSOCIATION.

NATIONAL INSTITUTE OF HEALTH.

The Senate Committee on Commerce has recommended the enactment of the Ransdell Bill, which provides for an agency for pure scientific research relating to the cause and prevention of diseases; it sets up an agency which may receive and administer gifts to provide such research and also a system of fellowships to provide trained personnel for public health work. This Institute is to be under the administration and control of the Surgeon-General of the Public Health Service.

¹ Greensboro, N. C.