

EDITORIAL NOTES

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RESEARCH ABSTRACTS.

VITAMIN POTENCY OF COD LIVER OILS. V. DOES THE ADDITION OF COD LIVER OIL TO THE PURIFIED DIET INFLUENCE REPRODUCTION IN THE ALBINO RAT?

By Arthur D. Holmes.

Shortly after weaning, normal albino rats were placed on a purified diet lacking Vitamin A. After xerophthalmia and malnutrition had been established, varying amounts of cod liver oil were added to the diet. The liver oils were crude, refined, rendered from fresh livers, rendered from storage livers, domestic, and foreign cod liver oils. With one exception the mating of experimental animals fed as noted above produced no young. With one exception the mating of experimental males with normal breeding stock females produced no young. In nearly every instance of the mating of experimental females with normal breeding stock males normal litters resulted.

FURTHER TESTS ON CHLORINE AS A PREVENTIVE OF INFLUENZA.

By Harrison Hale.

Tests made at the University of Arkansas, February 22nd to March 2d, 1923, inclusive, upon nearly 300 persons confirm the conclusion reached after tests made in February, 1920 that the daily breathing for five minutes of air containing small amounts of chlorine does act as a preventive of influenza.

CHEMISTRY IN PEACE AND WAR.

Brigadier General Amos A. Fries, chief of the Chemical Warfare Service of the United States Army, says that small quantities of "sneeze gas," recently developed by his department, would, if introduced in small quantities into illuminating gas, largely prevent suicide by the gas route, or even rescue

victims of accidental asphyxiation by awakening them to their peril.

Among other peace-time uses of some of the inventions of war-time, a new mask has been perfected, named by General Fries the "all-purpose canister," which can be used by fire fighters where gas pipes are leaking or by men engaged in fumigating ships or buildings.

Gases are also employed for the annihilation of pests, such as the cotton boll weevil, which is responsible for damage annually amounting to many millions of dollars.

DRUG CULTURE A CENTURY AGO.

The *National Gazette* of March 14, 1826, contains an announcement by Charles Marshall, President of the Philadelphia College of Pharmacy, "offering a premium of \$50 to the gardener residing within 10 miles of Philadelphia who shall during the ensuing summer cultivate and dry, and in the best manner, the greatest quantity and variety of medicinal herbs and plants."

PERSONAL AND NEWS ITEMS.

Dr. George Kimball Burgess has been appointed director of the Bureau of Standards to succeed Dr. S. W. Stratton. Dr. Burgess entered the Bureau of Standards in 1903, and was a member of the scientific mission which was sent abroad when the United States entered the war in 1917, to study means of scientific coöperation with the Allies.

"Ted" Mallinckrodt, of the Mallinckrodt Chemical Works, St. Louis, sailed on the Mauretania recently bound for England, the Continent, and finally Africa, where he will hunt big game.

Wilhelm Bodemann, after a span of sixty years, has retired from active drug business, having sold his store to his nephew, Julius Schroeder, who has been the veteran's assistant for thirty-seven years. For fifty-four years Mr. Bodemann has been active in the drug business in Chicago, and his influence

several members; among those who contributed thereto were:

J. M. Gray, who started as an office boy with Schieffelin & Company, and now is manager of the city department.

Adrian Paradis entered the drug business in 1871, and graduated from the New York Col-



WILHELM BODEMANN, C. V. D. A

in local, State and national organizations has been pronounced, always ready with counsel and support of that which he believed to be for the best interests of the drug trade and pharmacy. His interest in the associations to which he is devoted will continue.

Bodemann's "Ceterum Censeo" re Veteran Druggists' Associations is becoming effective; such social organizations have been established in Milwaukee, Minneapolis, St. Paul and, more recently, in New York City. The C.V.D.A. of Chicago is famous and the fraternal spirit of the members is an influence for good—the motto is "Cheers for the living and tears for the dead." Each member contributes an autobiography, that of Wilhelm Bodemann is intrusted to the *Western Druggist*, to be printed when tears will testify to his long and useful life, some twenty-five years or more hence.

The program of the April meeting of the New York Veteran Druggists' Association was enhanced by accounts of early experiences of



THOMAS D. McEUENIE.
Honorary President A. Ph. A., and New
York Veteran Druggists' Association.

lege of Pharmacy in 1876.

George Diekmann spoke of his early experiences in the drug store—powdering cork in a mortar and other equally interesting tasks were assigned him by older clerks of the store.

Robert Lampa, vice-president of Lehn & Fink, spoke of the help given him by Mr. Fink in acquiring a knowledge of pharmacy. He attended classes at Cooper Union before entering the New York College of Pharmacy.

Miss Edna Flook, who has been Professor Day's secretary for several years past, has resigned the position now filled by Miss Sylvia F. Sanders. The former has reported the proceedings of the Illinois Pharmaceutical Association and is favorably known to Illinois members.

Carl Whorton of Gadsden, Ala. was the honor guest of the Pharmaceutical Society of the Alabama Polytechnic Institute at Auburn on the occasion of a banquet April 16.

F. E. Holliday was one of the principal speakers at the meeting of the Southern Drug Club in Birmingham, Ala., April 12.

E. L. Maines has joined the staff of J. L. Hopkins & Co., crude drug merchants, New York City, in the capacity of chief chemist and superintendent.

Carl Weeks, president of Armand Company, and of a bank in Des Moines, is visiting in Europe.

C. O. Bigelow has returned from a month's visit in Pinehurst, S. C.

Edward Sher, ex-president of the New York Retail Druggists' Association, was recently presented with a valuable silver service in appreciation of his efforts on behalf of this association.

Ex-president Caswell A. Mayo and his drug plant garden were sketched in a Sunday edition (April 8th) of the *Cincinnati Commercial*. Nearly a full page of the Magazine Section was devoted to the description of the garden, and a half-tone of our fellow-member centers the illustrations.

Chairman Arno Viehoever of the Scientific Section, A. Ph. A., is the subject of an interesting article in the April number of the *Northwestern Druggist*, as "The Man Who Guards our Drugs," by E. E. Stanford. The activities of Dr. Viehoever are interestingly related, pharmacognosy as a science is discussed, and the work of the department over which the subject of the sketch presides is dealt with in giving an account of his contributions to science.

F. E. Mortensen, president of the Colorado Board of Pharmacy, is sojourning in California.

M. Valère Haazen, president of the Pharmaceutical Society of Antwerp, was signally honored by his *confrères* on the occasion of the banquet held recently in celebration of the eighty-seventh anniversary of the society to the interests of which and of pharmacy in Belgium M. Haazen has given forty years' continuous and devoted service. The large and representative gathering included Dr. Hofman, the Hague (Secretary to the Central Committee of the International Pharmaceutical Federation), M. M. Vaudin (France) and Pattou (Brussels). During the course of the proceedings a bronze medallion of M. Haazen was unveiled and miniature replicas of the portrait were distributed, and a copy of the *Livre d'Or* produced by M. J. E. Boschmann, of the Musee Plantin, for which 118 members of the Society have subscribed, was presented to the Society and accepted on

its behalf by the President.—*The Journal and Pharmacist*, April 14.

Four scientists on April 11th received the John Scott medal, carrying with it awards of \$1000, from the City of Philadelphia at a meeting of the American Philosophical Society.

The recipients of the honor were Sir Joseph Thompson, F. R. S., of Trinity College, Cambridge, England, Arthur L. Day, Ph. D., director of the geophysical laboratory of the Carnegie Institution, Washington, who developed optical glass during the war; C. Eijkman, M. D., of the University of Utrecht, Holland, whose experiments toward counteracting the beri-beri disease led to a new study of dietary disease, and Francis William Aston, F. R. S., also of Trinity College, the developer of the mass spectrograph.

Sir Joseph also received the Benjamin Franklin Medal from the Philosophical Society.

The John Scott Medal was explained in Volume X, *JOURNAL A. PH. A.*, p. 394.

The fiftieth anniversary of Luther Burbanks start in horticulture is now (May 17-20) being celebrated in Santa Rosa. Scientists and leaders in every walk of endeavor are paying tribute to the leader of the horticultural world.

One of the National Drug Stores, located in the Woolworth Building, New York, has discontinued the prescription department.

Eli Lilly & Company recently purchased a building at 79-81 Spring Street, New York, where their offices have been located, after remodeling the building.

N. W. Ayer & Son, during Art Week, had on exhibit—for the public, classes in advertising and illustration at the University of Pennsylvania and artists—drawings and paintings recently used in advertising. The exhibit attracted many visitors.

The April *Bulletin of Pharmacy* presents a page of half-tones under the caption of "In the Days of Bow Ties." Due consideration is given the subjects in the statement—"As they looked twenty or so years ago."

CERTIFICATE OF RECOGNITION AWARDED TO THE RAUBEN- HEIMER PHARMACY.

At the Industrial Exposition held in the 23rd Regiment Armory, Brooklyn, N. Y., April 7th to 14th, the Chamber of Commerce awarded a number of Certificates of Recognition to industrial, commercial and professional institutions, that have been in business over 25 years in the Borough of Brooklyn.

It is a pleasure to note that one of Brooklyn's oldest and well-known professional pharmacies obtained such a certificate, *i. e.*, the Verona Pharmacy, 1341 Fulton Street, corner Verona Place, established in 1874 and serving the community continuously during the past 49 years. The owner is our fellow-member, Prof. Otto Raubenheimer, who is

justly proud of the handsomely engraved Certificate of Recognition.

SAFEGUARDING THE FUTURE OF EMPLOYEES.

Every employee of Parke, Davis & Company in the United States and Canada has been given an insurance policy for a thousand dollars, the premiums to be kept up by the company as long as the employee remains with the house.

OBITUARY.

GEORGE FREDERICK PAYNE.

Dr. George F. Payne, president of the American Pharmaceutical Association, 1902-3, died at Atlanta, Ga., April 18, aged seventy years. He attended the School of Mines,



GEO. F. PAYNE,
President, A. Ph. A. 1902-1903.

Columbia University, in 1873, and in 1876 graduated from the New York College of Pharmacy. After graduation he was associated with his father in the drug business at Macon, Ga. In 1890 he was appointed state chemist, which position he held until 1898. In 1891 he completed a course in medicine in Atlanta Medical College, and shortly thereafter became dean of Atlanta College of Pharmacy. He served on the Georgia Board of Pharmacy, was a member of the U. S. P. Revision Committee of 1890-1900, and a former vice-president of the National Association of Boards of Pharmacy. Mrs. Payne and a daughter survive the deceased.

ALBERT EUGENE CLYDE.

Albert Eugene Clyde, well-known pharmacist of Glencoe, Illinois, died February 1, 1923.

He was a member of the American Pharmaceutical Association, having joined the Association a year ago, and was also a member and at one time one of the supervisors of the Chicago Retail Druggists' Association.

Mr. Clyde was born in Janesville, Wisconsin, April 3, 1877; son of Edward S. and Janet Cahill Clyde. He attended grammar and high schools in Buffalo, No. Dakota, and came to Chicago in 1895 to attend the School of Pharmacy, University of Illinois, from which he was graduated in 1897.

After clerking in Chicago for four years, Mr. Clyde established himself in the drug business at Glencoe in 1901 and soon built up a prosperous business.

His wife, Mrs. Pearl G. Clyde, and two children, Dorothy Janet and Samuel Edward, survive him.—W. B. D.

GEORGE HENRY SCHAFFER.

George Henry Schaffer, Honorary President of the American Pharmaceutical Association 1914-1915, died at his home in Fort Madison, Iowa, April 8, 1923. He was born in the city which was his home during his eventful life on July 15, 1847. Here he also received his early education which was completed at Western Union College and Military Academy in Fulton, Ill. He entered the drug business of McFarland and Eckhart in Fort Madison in 1862 and six years later became a partner in the firm, and in 1872 the sole owner. Later the son, Robert R. Schaffer, entered into partnership with his father and the business is continued by him.

Throughout life Mr. Schaffer took a deep interest in pharmaceutical affairs and in the drug industries generally. He was author of the Iowa Pharmacy Law in 1880, one of the organizers of the Iowa Pharmaceutical Association and its first president. He served on the first Iowa Board of Pharmacy holding office for eight years. He was largely instrumental in the establishment of a Department of Pharmacy in the State University.