

**OBITUARY.****WARREN LANSING BRADT.**

Warren L. Bradt, president and treasurer of the Bradt Drug Co., Albany, N. Y., died suddenly on March 4th, at his home. He had been a member of the AMERICAN PHARMACEUTICAL ASSOCIATION since 1911.

Mr. Bradt was secretary of the State Board of Pharmacy 1900-1925 and had been president of Albany College of Pharmacy since 1928. He was active in many civic and fraternal organizations, the Holland Society, Masters' Lodge of Masons, Shrine, Knights Templar and Rotary Club, and was a vestryman at St. Paul's Episcopal Church. He was a member and former vice-president of the Protestant Family Welfare Association.

Funeral services were held on Tuesday afternoon at St. Paul's Episcopal Church with Rev. George A. Taylor officiating; burial was in Oakwood cemetery, Troy.

Besides his widow, Mrs Irene Sitterly Bradt, Mr. Bradt is survived by a sister, Mrs. W. H. A. Hall, and two nieces, Dorothy and Mary Bradt Hall, of Millburn, N. J.

**JAMES H. MARSHALL.**

James H. Marshall, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, and one of the founders of the Northwestern Drug Co., Minneapolis, died April 13th, aged eighty-three years.

Mr. Marshall served as president of the Federal Wholesale Druggists' Association in 1922 and from 1927-1931. At the time of his death he was honorary president of the Association.

For many years Mr. Marshall was a member of Westminster Church, Minneapolis.

Mrs. Marshall and two daughters, Sara of New York City and Margaret of Winona, Minn., survive.

Funeral services were held at Lakewood Chapel with burial in Lakewood Cemetery, Monday, April 17th.

**HENRY PFEIFFER.**

Mr. Henry Pfeiffer, president of William R. Warner & Co. New York City, died April 13th, aged eighty-two years. In 1908 Mr. Pfeiffer purchased Wm. R. Warner & Co., then located in Philadelphia; and moved the Pfeiffer Chemical Co. from St. Louis to New York. At the time of his death he was vice-president and director of the Richard Hudnut Co., president of

the Bauer Chemical Co., the Vince Laboratories, Inc., the Nonspi Company and the Sani-tol Co.; vice-president of the Hudnut Sales Co., and a director of Warner International.

In March 1882 Mr. Pfeiffer married Miss Annie Merner. They celebrated their fifty-seventh wedding anniversary last month. Besides his widow there are five brothers surviving, among them Mr. G. A. Pfeiffer, of New York City, member of the AMERICAN PHARMACEUTICAL ASSOCIATION.

**R. E. LEE WILLIAMSON.**

Mr. Williamson, member of the AMERICAN PHARMACEUTICAL ASSOCIATION and other associations, manager of the Mutual Drug Co., of Cleveland, and treasurer of the Noxzema Chemical Co., Baltimore, Md., died April 29th, at his home in the Hammond Apartments, Baltimore, Md. He had been in ill health for a year but his condition was not acute until a month ago when he was brought home from a vacation in St. Petersburg, Fla.

At the time of his death he was secretary of the Federal Wholesale Druggists Association. He had served as president of the Baltimore Retail Druggists Association for more than fifteen years, and as president of the Maryland Pharmaceutical Association. He was nationally prominent in drug circles, having been associated with the retail and wholesale drug business for many years.

Funeral services were held on Tuesday, with burial in Loudon Park Cemetery. He is survived by his widow, Mrs. Grace Williamson and a daughter, Mrs. Charles Kcller, of Frederick.

**BOOK NOTICES AND REVIEWS.**

*Text Book of Pharmacology, Toxicology and Prescription Writing*, by EMIL STARKENSTEIN, M.D., with the cooperation of Prof. Dr. Hedwig Langecker, Dr. Franz Hendrych, Karl Klimersch, M.P. and Dr. Hans Weden. Dr. Starkenstein is a professor of Pharmacology and Pharmacognosy at the German University in Prag. The volume has more than 750 pages, 40 illustrations and is distributed by Franz Deuticke, Leipzig and Wien.

The author refers to a definition by S. Dale in London, 1692, as related to *Materia Medica*; he named it a description of the medicinal substances and states that this also includes the newer remedies, biologicals and toxicology, conforming to the title of the book. The treatise embodies, in *General Pharmacology*,

the standardization of the *materia medica* and the dosage. The General Toxicology is a study of poisons.

Therapeutics as all other subjects, shows a system of treatment of the drug and of the condition for which it is administered and applied. Rules are laid down for the physician for prescribing application and action. Anesthetics, narcotics, sedatives, hypnotics are comprehensively studied individually, in groups, in combinations, dosage, etc. Another division includes the heart, the blood, circulation, glands, vitamins, hormones; the lungs and other organs receive systematic consideration.

Therapeutics, as all other subjects, shows a system of treatment of the drug and of the condition for which it is administered and applied. A criticism of the work might be that the effort is too comprehensive, a review prepared accordingly would require lengthier discussion than it is possible to give, and the author is favorably known to those who will use the volume.

*The Plant Alkaloids*, by THOMAS ANDERSON HENRY, director, Wellcome Chemical Research Laboratories. Third Edition. Published by P. Blakiston's Son & Co., Inc., 1012 Walnut St., Philadelphia, Pa. 689 pages; washable fabric; price, \$12.00.

Much new information has accumulated concerning plant alkaloids since the publication of the second edition. The third edition has involved rewriting the volume and adding considerable to its bulk. The material available has been compiled primarily on the basis of chemical classification according to nuclear structure. This primary classification has been modified in a biological direction wherever necessary. Where this has resulted in some groupings being dealt with in more than one place, cross-references have been provided to obviate any inconvenience due to this departure from a rigid system. The author has kept in view the various aspects of the subject and the articles on all of the more important alkaloids describe the properties, chemistry, occurrence, methods of estimating and physiological action.

The table of contents consists of the following: Pyridine Group—Piperidine and Acylpiperidines, Alkaloids of *Ricinus communis*, Foenugree, Areca Nut, Hemlock, Lobelia, Tobacco, *Anabasis aphylla* and Pomegranate Root Bark; Tropane Group—Solanaceous Alkaloids, Alkaloids of *Dioscorea hirsuta*, Coca

Leaves (*Erythroxylon coca*); Lupinane Group—Alkaloids of the Papilionaceæ: Lupinine, Lupanine, Sparteine, Anagyrine, Cytisine, Matrine and the Associated Bases; iso-Quinoline Group—Alkaloids of: Cactaceæ Mezcaline, Anhalamine, etc.) Hydrastine, Papaveraceæ (botanical distribution), Opium (benzylisoquinolines; Morphine Sub-group, including Sinomenium Bases), Other Papaver spp. (Rhoeadine, Aporeine, etc.), Other Papaveraceous genera ( $\alpha$ -Homochelidonine, Chelerythrine, Chelidonine, Sanguinarine, etc.), *Corydalis* and allied genera (Tetrahydroprotoberberines; Cryptopine Sub-group; Aporphine Sub-group: Phthalideisoquinolines), Lauraceæ and Monimiaceæ (Laurtetanine, Actinodaphnine, Pukateine, Laureline, etc.), *Ipecacuanha* (Emetine, Cephæline, etc.), *Berberis* spp. (Berberine, Canadine, Berbamine, Oxycanthine, etc.), Menispermaceæ (Coclaurine, Dauricine, Trilobine, Menisarine, Berberine, iso-Chondrodendrine, etc.), Curare (Curine, Tubocurarine, Protocuridine, Neoprotocuridine, Calabashcurarine); Phenanthridine Group—Alkaloids of Amaryllidaceæ (Lycorine, Sekisanine, Tazettine and the Allied Bases); Quinoline Group—Alkaloids of Echinops, *Dactamnus* and *Skimmia* spp., *Cusparia* Bark (*Cusparine*, *Galipine*, etc.), *Cinchona* spp. Quinine, Quinidine, Cinchonidine, Cinchonine, etc.); Indole Group—Alkaloids of *Abrus*, *Erythrina*, *Arundo*, *Calycanthus* spp., *Peganum Harmala* (Harmaline, Harmine), *Evodia rutaecarpa* (Evodiamine, Rutecarpine), *Yohimbe* and *Quebracho* (Yohimbine, Corynanthine, Corynantheine, etc.), Ergot (Ergotoxine, Ergotamine, Ergometrine, etc.), Calabar Bean (*Physostigmine*, etc.), *Strychnos* spp. (Strychnine, Brucine and the Allied Bases); Pyrrolidine Group—Carpaine; Quinazoline Group—Vasicine (Peganine); Glyoxaline Group—Alkaloids of *Pilocarpus* spp.; Alkaloidal Amines—Damascenine, Hordenine, Alkaloids of *Ephedra* spp., *Brassica* spp., *Cheiranthus* and *Erysimum* spp., *Colchicum autumnale*, *Amanita muscaria*; Alkaloids of Undetermined Constitution; Minor Alkaloids.

In most cases the original memoirs have been consulted and references to these are given in the footnotes. For description of the physiological action of the better-known alkaloids Cushny's "Textbook of Pharmacology and Therapeutics," has been largely utilized. The chemical nomenclature and system of abbreviations are those of the book as well as several important tables.—EMERSON C. BEBLER.