

OBITUARY.

FRANK M. McCABE.

Mr. Frank M. McCabe, vice-president of the Bruce Publishing Co., St. Paul, Minn., editor of the *North Western Druggist* and secretary of the Northwest Pharmaceutical Bureau, died suddenly on May 19th, at his home, having been at his desk a few hours before.

Born in Hopedale, Ill., fifty-four years ago, Mr. McCabe came to Minnesota in 1913. He was employed by the Northern Pacific Railroad, but this service was interrupted by the World War, in which he saw fifteen months service overseas, being Captain in the Signal Corps, 89th Division. He returned to the Northern Pacific and remained until 1919, when he joined the Bruce Publishing Co., where he leaves a vacancy which will be difficult to fill.

As editor of the *North Western Druggist* he was known from coast to coast in pharmaceutical circles, and in no small measure contributed to the growth and development of the drug industry.

Burial was in Fort Snelling National Cemetery. His widow, Mrs. Emily Quinn McCabe, survives.

CHARLES H. MAYO.

Dr. Charles H. Mayo, honorary member of the AMERICAN PHARMACEUTICAL ASSOCIATION, died May 26th, in Chicago, in his 74th year. Mrs. Mayo and members of the family were with him when the end came, and the train bearing his remains was met at the station in Rochester, Minn., by quite a large delegation of the citizens. The day of the funeral all activities were suspended for some hours. Dr. Mayo was a native of Rochester and he and his brother, Dr. William J. Mayo, ran the famous Mayo Clinic.

Few parts of the world have not heard of the city of Rochester because of the wonderful work of the Mayo family. Soon the suffering began to find their way to Rochester from all parts of the Northwest, and little by little from other parts of the country, and each patient was asked to pay what he could afford and no more, and if he could afford nothing, his bill was receipted just the same. Money poured in upon the brothers but all of it, above a small margin of safety, was applied to the fund that in 1915 was turned over to the Mayo Foundation.

All over the nation are graduates of the Mayo Foundation, famous specialists, acting in

accordance with the ideals of their teachers. Perhaps its greatest service of all has been in the field of medical research and hardly a year has gone by that it has not contributed a major discovery for the relief of human suffering and the prolongation of human life.

Thus Dr. Mayo passes, after a lifetime of service to his fellowmen hardly to be matched in his generation.

BOOK NOTICES AND REVIEWS.

Advances in the Therapeutics of Antimony, by PROF. DR. HANS SCHMIDT, Ph.D., and DR. F. M. PETER, M.D. Preface by DR. PHILIP MANSON-BAHR. Publishers, George Thieme, Leipzig, Rossplatz 12. Price, paper 18 R.M., bound 19.50 R.M.

This review gives an opportunity of quoting a definition for the word "chemotherapy." This has been defined as "the study of the action of molecules of definite structure upon protoplasm which involves the assumptions that certain radicals have a selective affinity with parts of the cells."

Interesting history is associated with Antimony, not only by women to embellish their beauty but its preparations were ranked high by Basil Valentine, Paracelsus and others; emetics were largely used—"many vomited to eat and ate to vomit." Antimonial cups were in favor and a "perpetual fill" was employed; cuts were decorated indicating the favor in which Antimony was held; in substance and insignia proclaimed that "it was a wonder of nature and for all men a certain cure." It was also employed as a poison.

Two hundred and sixty pages are required in giving the history and the study of the advances of a useful drug in its applications for diseases of man and animals; sometimes exalted and its use for periods prohibited, and now again has a place in modern Medicine and employed in parasitic diseases, kala-azar, etc. The results of the treatments are favorable, and the authors have contributed an extensive research which may result in more successful treatments of Potos, kala-azar and related diseases, in which antimony has been employed.

The Handmaiden of the Sciences, by ERIC TEMPLE BELL. 216 pages. Published by Williams & Wilkins, Baltimore, Md. Price, \$2.00.

Die Arzneikombinationen, von PROFESSOR DR. EMIL BÜRGI. 28 illustrations. Publishers, Julius Springer, Berlin.

The many names of compound medicinal preparations, chemicals, etc., has been a burden for physicians and pharmacists. A purpose of the book is to acquaint these with the compounds. Some of the compositions have for the first time been revealed in a publication. There are about 170 pages. Price, 12 R.M. In the Introductory, the author outlines his plan of discussion and in the effort he presents individual action of the components and the response of the organs. The historical study refers to the period, long ago, when the therapy consisted chiefly of complicated mixtures; many of the narcotics were compounds of several, as ether, chloroform, morphine, or of digitalis, atropine and other additions. The author presents a general discussion and treats of the constituents and their action. Cannabis is given attention, the newer chemicals and drugs; in this the effect is studied at length. If the materia medica is employed, it should be understood and the effect on the system, some of the misuses would then be avoided. In a concise way this is stated in the lines of page 55, where he emphasized the fact that "additions may produce undesired effects with the desired" and this caution appears in connection with the careful study throughout the book in the presentations on ailments and of agents for the medical treatments. The book will be found valuable in the library of the physician, the pharmacist and of related groups.

Methods for Analysis of Medical Specialties, Second Edition of the Kommission des Internationalen Apotkerbundes (Society). Federation Internationale Pharmaceutique, Leyden. Buchhandlung Dekker en Nordemann N. V., Amsterdam. Price, \$3.50. The Specialties Commission is composed of: Prof. Dr. Van Italie, chairman; Dr. H. Baggesgard, secretary; Dr. A. Rising; Dr. E. Weiss; Prof. Dr. P. Casparis; Dr. E. Høst Madsen; Prof. Dr. C. A. Rojahn (deceased) was a member. Coöperation is invited.

There are about 150 pages, including a number of Tables, one from Netherlands Pharmacopoeia and that of the Table for Conversion of Saybolt or Engbro viscosity into timematic viscosity, of the U. S. P., page 477. The methods are published in German; they include the determination of melting point, boiling point, alcohol, ash, rules for carrying out reactions, etc. The use of the book in this country, will be limited largely to the laboratories and

schools; its standing as authority, is sponsored by the compilers, who are well and favorably known.

Fundamentals of Experimental Pharmacology, by TORALD H. SOLLMANN, M.D., Sc.D., Professor of Pharmacology and Materia Medica, and Dean of School of Medicine, Western Reserve University, Cleveland, Ohio; Chairman Council on Pharmacy and Chemistry, American Medical Association; Author, "A Manual of Pharmacology," Fifth Edition, 1936; and Paul J. Hanzlik, A.M., M.D., professor of Pharmacology, Stanford University School of Medicine, San Francisco; Vice-Chairman, Council on Dental Therapeutics, American Dental Association; Editor, "A Handbook of Accepted Remedies, Symptoms and Treatment of Poisoning, etc.," Second Edition, 1917.

This is the Second Edition and illustrated, J. W. Stacy, Inc., San Francisco, 1939. Price, \$4.25. The revision was made by the junior author, who assumes the responsibility for errors and omissions. The reviser states that the manifold requirements of medical science, public health, industry and governmental agencies have increased the opportunities and responsibilities of the pharmacologist. The book provides a course of practical exercises and testing methods. Part I includes Chemical Pharmacology and Part II Experimental Pharmacodynamics; fifteen chapters treat the first and thirteen the second, and thirteen appendix divisions including the arrangement of the department.

Chapter I considers Plant Constituents in Sections A to J. Chapter II Liquid Pharmaceutical Preparations under Sections A to K. Chapter III includes Solid Pharmaceutical Preparations in eight sections. Chapter IV discusses colors, flavors, incompatibilities, metrology and prescription writing. Chapters V and VI include important and poisonous drugs and VII antidotes. Other phases of the effects of drugs are discussed in succeeding chapters, their executions and tests for them, dosage by various administrations and conditions of the patients, the test animals, anesthetized and otherwise.

The book is a useful addition to the library and for review by the students of both medical and pharmacy schools. The arrangement is systematic and adapted for ready reference. Pharmacists will find the book a guide at the Prescription Desk, helpful to the writer, and for the teacher comprehensive notes and directions for his lectures.