

definitions, ample explanation being its distinguishing characteristic. In the new edition much encyclopedic information, difficult of access elsewhere, will be found conveniently at hand. Especial attention has been devoted to matters of practical value. A review will appear in an early issue.

REPORT OF THE SECRETARY OF THE STATE BOARD OF HEALTH OF MICHIGAN FOR 1890 (Printed 1892).

We presume that the struggle, if not for existence, at least for habitation, has had something to do with the tardy appearance of this volume. This condition of affairs is not creditable to a state which was one of the earliest to take its position in the front rank of sanitary reform; and we hope the intelligence of the state will prevail in bringing the obstructionists up with a jerk. We observe that the educating influence of sanitary conventions is, or was in 1889-90, very fully recognized by the State Board, and that very extensive meteorological observations and diagrammatic compilations are still made. In addition, the report gives an account of large amounts of the usual sanitary work of such boards, classified lists of nuisances and action taken in regard to them, accidents, outbreaks of disease, water supply, sewage disposal, advisory action regarding buildings, etc.

A PRACTICAL TREATISE ON MATERIA MEDICA AND THERAPEUTICS, WITH ESPECIAL REFERENCE TO THE CLINICAL APPLICATION OF DRUGS. By John V. Shoemaker, A.M., M.D., Professor of Materia Medica, Pharmacology, Therapeutics, and Clinical Medicine, and Clinical Professor of Diseases of the Skin, in the Medico-Chirurgical College of Philadelphia; Physician to the Medico-Chirurgical Hospital; Member of the American Medical Association, of the Pennsylvania and Minnesota State Medical Societies, the American Academy of Medicine, the British Medical Association; Fellow of the Medical Society of London, etc., etc. Second Edition. Revised. In two Royal Octavo Volumes. Volume I., 353 pages: Devoted to Pharmacy, General Pharmacology, and Therapeutics and Remedial Agents not Properly Classed with Drugs. Volume II., 680 pages: An Independent Volume upon Drugs. Volume I., in Cloth, \$2.50 net; Sheep, \$3.25 net. Volume II., in Cloth, \$3.50 net; Sheep, \$4.50 net. Philadelphia: The F. A. Davis Company, Publishers, 1914 and 1916 Cherry Street.

This is, in all respects, an admirable work. Volume I. is devoted to pharmacy, pharmacology, and therapeutics and remedial agents, such as electricity, massage, medicated vapors, water, diet, hypnotism, blood letting, etc.

Volume II. treats of drugs as pharmaceutical therapeutic agents. The author says: "It was my aim to render this volume a complete as well as a practical exposition of the pharmacological, physiological, and therapeutical action of the various drugs now used in medicine." He contends, and most will agree with him, that practical usefulness determines the standard of value of a treatise on therapeutics. We think that he has well accomplished his aim, and has shown excellent judgment in considering and teaching the practical aspects of the curative power of drugs. We believe this work will be