

which comprises when completed 13 Divisions, each one of which is subdivided in parts, some as many as 10 parts. The book before us is No. 1 of part 7, of the 4th division: Applied chemical and physical methods.

Prof. Wilhelm Autenrieth of the University of Freiburg in Breisgau is well fitted to write a book on "Detection and Determination of Poisons by Chemical Means." No doubt many readers are acquainted with the author's little work or its English translation by Wm. H. Warren, "The Detection of Poisons and Strong Drugs." What the author then stated on some 200 pages is now amplified and augmented in 420 pages. It is a masterwork by a true master: Enough said!

OTTO RAUBENHEIMER, PH.M.

Arbeiten aus dem Pharmazeutischen Institut der Universität Berlin. Herausgegeben von Prof. Dr. H. Thoms, Geh. Regierungsrat, Direktor des Pharmazeutischen Institutes der Universität Berlin. XII Band Umfassend die Arbeiten der Kriegsjahre. Lexicon, 433 pp. 14 Textabbildungen, M. 540.

Volume XI of the *Arbeiten* was published in the fall of 1914. Owing to the world war the present volume was delayed until now.

The work is divided into six parts as follows: *I*, Inorganic and Organic Chemistry; *II*, Examination of Drugs and Poisons; *III*, Drug Plant Cultivation; *IV*, Examination of Foods and Technical Products; *V*, Lectures, and *VI*, Apparatus. The many articles are highly interesting and instructive but limited space forbids us to enter into details. However, we must not forget to mention the simple test to distinguish between methyl and ethyl alcohol by Th. Sabalitschka on pp. 260-263. If about 0.1 Gm. of powdered crystallized copper sulphate is shaken with 2 cc pure methyl alcohol a blue-green color will be developed, which will not appear with ethyl alcohol. Verily a very simple test.

We congratulate Prof. Thoms and his co-workers at the Pharmaceutical Institute of Berlin for the publication of Vol. *XII* of the *Arbeiten* and we hereby recommend this work to all scientific pharmacists and chemists.

OTTO RAUBENHEIMER, PH.M.

PUBLICATIONS RECEIVED.

New and Nonofficial Remedies, 1922, containing descriptions of the articles which stand accepted by the Council on Pharmacy and Chemistry of the American Medical Association on Jan. 1, 1922. Pp. 418 + xxxiv. Chicago: American Medical Association, 1922.

"New and Nonofficial Remedies" contains descriptions of proprietary medicines which are offered to members of the American medical profession. These descriptions are critical and trustworthy. They are based in part on investigations made by, or under the direction of, the Council on Pharmacy and Chemistry and in part on information supported by evidence submitted by the manufacturer or his agent.

A feature of the book which is of especially practical value is the grouping of preparations in classes. Each of these is introduced by a general discussion of the group. Thus the iodine preparations, the arsenic preparations, the animal organ preparations, the biologic products, etc., each are preceded by a general, thoroughly up-to-date discussion of the particular group.

The general articles are revised when necessary; attention is called this time to those on silver preparations and tannin preparations, and also to the article on Pollen and Epidermal Extract Preparations and Biologically Reactive Food Proteins. The revision of "New and Nonofficial Remedies" is annually looked for by pharmacists as a necessary reference book.

Opiate Addiction. Its handling and treatment. By Edward Huntington Williams, M.D. Formerly Associate Professor of Pathology, State University of Iowa; Associate Editor of the *Encyclopedia Britannica* (Tenth Edition); Assistant Physician, New York State Hospital System; Special Lecturer on Criminology and Mental Hygiene, State University of California, etc. Price \$1.75.

The author states that, "perhaps, the best practical solution of the whole narcotic problem would be to place it unreservedly in the hands of the United States Public Health service. This would bring it under control of intelligent physicians who also have legal authority to enforce any clinical or custodial measures that seem necessary, and facilities to work out its laboratory and clinical problems without hindrance." We agree that narcotic laws should not be tax measures.

He makes the statement that the consensus of opinion, of those most closely in touch with the situation, is that the number of drug takers and the amount of narcotics consumed to-day is just as great as or greater than when the Harrison Act was passed.

No statistics are given, probably because the book is devoted chiefly to treatment of

addicts. The author views drug addiction as a disease, that the addicts in most instances present an abnormal mental and physical condition closely akin in many respects to the condition known as insanity.

Unfortunately, there are professional (?) men who will lend themselves to making addicts and supplying those who have formed the habit. Also institutions have exhibited selfish motives along with professional skill. These remarks are made to emphasize the need of regulations to control and ferret out the very few and, unfortunately, this inconveniences the large majority of law-abiding professional men who would protect society, even if there were no law.

Dr. Williams has the situation sized up rightly when he states that most of the narcotics are distributed by peddlers and back of them stand other criminals who scheme to secure the narcotics.

The claim that "patent medicines" induced drug addiction is no longer tenable, for these do not now contain narcotics, at least, very few of them; the manufacturers of "patent medicines" are most observant in keeping out preparations containing narcotics.

We are not in position to discuss the methods of treatment presented by the author; however, the book has been carefully prepared; his views indicate familiarity with his subject and he presents a working basis for the sensible handling of cases of drug addiction.

The National Geographic Magazine for July is of particular interest to pharmacists because of 16 pages in exquisite color illustrations of midsummer wild flowers; 9 type pages accompany the illustrations, giving description, habitat, etc.

American Research Chemicals, First Revision. Reprint and Circular Series of the National Research Council. This has been compiled for the Committee on Research Chemicals and Research Information Service by Clarence C. West of the National Research Council. The price of this monograph is 50 cents.

Proceedings of the Forty-Third Annual Meeting of the Missouri Pharmaceutical Association held at Excelsior Springs, June 14, 15, 16 and 17, 1921, contains also Constitution and Roll of Members.

Proceedings of the Forty-Second Annual Meeting of the North Carolina Pharmaceutical Association held in the Selwyn Hotel, Charlotte, N. C., June 21, 22, 23, 1921; also the Roll of Members, report of the secretary-treasurer,

North Carolina Board of Pharmacy, together with list of registered pharmacists; also the members of the traveling men's auxiliary.

Bulletin of Purdue University, April 1922. Circular of information concerning the school of pharmacy, 1922-1923.

NEW PUBLICATIONS.

Theories of Organic Chemistry. By Dr. Ferdinand Henrich. Translated and enlarged from the revised fourth German edition of 1921, by Treat B. Johnson, Professor of Organic Chemistry, Yale University, and Dorothy A. Hahn, Professor of Organic Chemistry, Mount Holyoke College. Price \$6.00.

Laboratory Manual of Colloid Chemistry. By Harry N. Holmes, Ph.D., Professor of Chemistry, Oberlin College. Price, \$2.00.

Précis de Pharmacie Galénique.—Par E. Gerard. Troisième Edition. Pp. iv. + 550. Price 15 frs. Paris: A. Maloinc et Fils. 1922.

A Dictionary of Applied Chemistry.—By Sir Edward Thorpe, C.B., LL.D., F. R. S. Vol. III. Revised and enlarged edition. Pp. viii + 735. Price 60s. net. London: Longmans, Green and Co. 1922.

Chemistry of Essential Oils and Artificial Perfumes. Ernest J. Parry. Vol. II, 4th edition, revised and enlarged. 366 pp. Price, 22s. Scott, Greenwood & Son, London.

Chemistry of the Non-benzenoid Hydrocarbons. Benjamin T. Brooks. 612 pp. Price, \$7.00. The Chemical Catalog Co., Inc., New York.

Chemistry: Chimie Élémentaire. E. Péchard. 468 pp. Illustrated. Price, 12 fr. 50. Dunod, Paris.

Colloids: Beiträge zu einer Kolloidchemie des Lebens. Raphael Ed. Liesegang. 39 pp. Illustrated. Price, 10 mk. Th. Steinkopff, Dresden and Leipzig.

Ink: Praktische Handbuch der Tintenfabrikation. Louis Edgar Andés. 223 pp. Price, 36 mk. A. Hartleben, Wien and Leipzig.

Ink: Die Tinten-Fabrikation. Sigmund Lehner. 224 pp. Price, 36 mk. A. Hartleben, Wien and Leipzig.

Inorganic Chemistry. T. Martin Lowry. 943 pp. Illustrated. Price, \$9.00. The Macmillan Company, New York.

Qualitative Analysis: Anleitung zum Studium der Chemischen Reaktionen und der Qualitativen Analyse. Friedrich Fichter. 120 pp. Price, 33 mk. F. Enke, Stuttgart.

Soap: Nouveau Traité Théorique et Pratique de Savonnerie. J. Fritsch. 580 pp. Illustrated. Price, 48 fr. Dunod, Paris.