

Dr. George Wald, instructor in Biology in Harvard University has been chosen by the American Chemical Society for the Eli Lilly & Co. award in Biological Chemistry. Dr. L. S. Palmer, professor of Agricultural Biochemistry in the University of Minnesota, has been selected for the Borden Company \$1000 award.

When customers at the new Complete Prescription Pharmacy, 327 N. St. Paul St., Dallas, Texas, have to wait for prescriptions, they are made comfortable in the lobby where an eighty-year-old metal mortar serves as an ash tray. The prescription department is partitioned off by a wall made of Owens-Illinois glass bricks. H. S. Austin, owner of the store, which operates a strictly professional pharmacy, estimates that the store carries 7000 items. It employs twelve persons.

BOOK NOTICES AND REVIEWS.

A Treatise on Pharmacy for Students and Pharmacists, by CHARLES CASPARI, JR., late Dean and Professor of Pharmacy in the School of Pharmacy of the University of Maryland; revised by E. F. Kelly, Advisory Dean and former Professor of Pharmacy in the School of Pharmacy of the University of Maryland. This is the eighth edition of this well and favorably known book on Pharmacy, the text of which is devoted to general and practical Pharmacy and covers the pharmaceutical processes. The subjects of the Treatise are arranged under two headings—Part I deals with General Pharmacy—a study of pharmaceutical standards, the physical constants, etc. Part II is devoted to Practical Pharmacy. It includes the study of the preparations in their various applications, answering questions of importance as they come up in the practice of Pharmacy.

Dr. C. O. Lee, of Purdue University, rendered great service in this revision, offered valuable suggestions and read manuscript and proof.

The publishers are Lea & Febiger. Including the Index there are more than 550 pages, bound in cloth. Price, \$6.50. The illustrations are clear and well selected for the purposes of the study. Condensing and deletions have reduced the size of the book by about 400 pages from the preceding volume and made readier reference possible. The authors have, no doubt, found that this method of arrangement of the text has many friends. The groups and classification have been checked

and while there may be errors, none were found in glancing over the pages for this notice.

The reviser, to a certain extent, has taken up the revision of the book as a tribute to his teacher and co-worker. This writer prepared a prior review along related lines, therefore further comment would largely be repetitious, except for favorable mention of the work of the printers and binders.—E. G. EBERLE.

The Vitamins and Their Clinical Application, by PROF. DR. W. STEPP, University of Munich, DOZ. DR. KÜKNAU, Wiesbaden and DR. H. SCHROEDER, University of Munich. Printed and bound by the Wisconsin Cunes Press, Inc. 173 pages.

A brief manual, translated by Herman A. Bouman, M.D., on vitaminology. It has been written especially for the busy man who has found literature on the subject difficult to assemble and to clinically apply. The authors are veterans in the field from the standpoint of the chemistry of development and of clinical application.

In the beginning of this manual is given a tabulated survey of the vitamins known to-day with short introduction to the historical development, terminology, relation to hormones, vitamins as foodstuffs and as curative substances.

Vitamins A, B, C, D, E and H are given separate chapters. Under vitamin A, which is given seventeen pages, a discussion of manifestation of deficiencies, requirement of man, metabolism as related to pure, isolated vitamin A, clinical observations and application, and vitamin A, dosage. A total of thirty-eight pages deals with vitamin B and its complexes. Several pages are given to the clinical discussion of this vitamin. Each of the vitamins is discussed with relation to their history, chemistry, determination, occurrence, clinical application and requirement of man.

Two very attractive features of this manual are noted. It is without doubt one of the most lucid books on the subject of vitamins that can be found. Further, it is rich in bibliographies. After each chapter there are a large number of references for the vitamin under discussion. In the back of the manual there are thirty-six pages containing bibliographies of vitamins A, B, C, D, E, F and G.

In the appendix the vitamins are outlined briefly as to apparent function, possible results of deficiency and results of absence.—EMERSON C. BEELER.