

School of Pharmacy. Effort has been made to have the questions follow each other in logical sequence, even to the asking and answering of some questions which might seem to have no relation to pharmacy, but which serve, in a few words, to give the student a better understanding of the terms used. The book is arranged on the question-and-answer plan. About 150 subjects receive consideration and there is an Index of 34 pages.

Chinium, a volume of 262 pages, artistically bound, has for its purpose the increase of the use of quinine. It is published in Amsterdam by a Bureau engaged in quinine research. The publishers ask for reports and papers concerning the use of quinine and other cinchona alkaloids.

The book is full of information on the subject of malaria, its treatment and methods employed. There are many illustrations, showing places that have been made habitable by destroying mosquitoes and where afflicted have been restored to health by treatment with quinine.

A picture of the late Battista Grassi, noted zoölogist and eminent malaria specialist, occupies the place of honor in the volume and is followed by an autographic reproduction of a paper prepared by him for the Bureau, shortly before his death in 1925.

The reports and papers are most instructive and give an idea of the tremendous financial loss and suffering brought about by malaria, which can be remedied by treatment. A map showing the itinerary of the Malaria Commission of the League of Nations to Eastern Europe and Italy is included. Copies may be had by those interested by addressing Bureau for Increasing the Use of Quinine, 48 De Wittenkade, Amsterdam.

THESES RECEIVED.

Contributions of comparative anatomical structures of the roots of umbelliferous plants employed in pharmacy.—A dissertation presented for the Doctor's degree at the University of Basel, by Kurt Liermann, Apothecary, at Lörrach, under the direction and instruction of Dr. H. Zörnig and Dr. G. Senn. The work covers 100 type pages; about thirty different drugs are given careful descriptive consideration and illustrated. Comparatively few of these drugs are used to a great extent in the United States.

The author concludes with the statement that his investigations have shown that

great difficulty obtains in differentiating between the twenty-eight roots given consideration by him and in specific identification by the anatomical structure.

Contributions to the Anatomy of the Myrtaceae Barks.—Consideration is given to the *Eugenias* and *Eucalypti*; twenty of the latter and ten of the former have been described. The work was carried on under the direction of Dr. H. Zörnig and Dr. G. Senn and for the attainment of the Doctor's degree by Beda Brögle of Burgdorf. The descriptions are given in detail and with illustrations. The author groups certain species and varieties and concludes with a key which differentiates and identifies the barks. He gives quite a number of references in the introductory and bibliography and we are somewhat surprised that the author deemed it unnecessary to name J. H. Maiden in some connection with the *Eucalypti*.

Cannabinol Researches, a dissertation presented by Felix Baur, Apothecary in Basel, to the faculty of Basel University for the Doctor's degree. The work was carried on under the direction of Dr. H. Zörnig and Dr. P. Casparis. The dissertation is exhaustive, beginning with an historical account, presenting with careful detail physical and chemical characteristics, and concludes with the results of the author's investigations. He differs with Fränkel relative to the chemical formula and identification, stating that the cannabinol of the latter is an impure product. Dr. Baur prepared a large number of, if not all possible, combinations. He concludes that cannabinol is neither an ester, acid, aldehyde, ketone nor phenol; his work indicates that it is polyterpin. The report covers more than 70 type pages.

ADDITIONS TO THE HERBARIUM OF BRITISH PHARMACEUTICAL SOCIETY.

Names of donors are given.

Alstonia Gilletii (Fr. J. Gillet, Kisantu, Belgian Congo).

Backhousia myrtifolia (Technological Museum, Sydney).

Backhousia sciadophora (Technological Museum, Sydney).

Berberis Aquifolium (Mr. G. T. A. Short).

Berberis aristata (Mr. R. N. Parker, Dehra Dun).

Berberis asiatica (Mr. R. N. Parker, Dehra Dun).