Book Reviews

FIELD CROP INSECTS
405 pages. 1952. $5.75.

This book is written primarily for students in agriculture. The subject matter is developed with the idea that a student should first gain an understanding of the principles underlying the protection of crops from insects and then study biologies and control measures for specific insects. Emphasis is placed on pests of field crops, particularly of the southwestern United States, and stored grains, although references are made to those of vegetables, fruits, and shade trees. The selection of insect types for discussion is based upon such characteristics as feeding habits, injury to crops, foods, the life cycle, and control. The references at the end of each chapter and 14 pages of a subject matter index at the end of the book will enhance its usefulness.—J. H. GRAHAM.

MANUAL OF BACTERIAL PLANT PATHOGENS
186 pages. 1951. $6.00.

The completely revised second edition of this Manual of Bacterial Plant Pathogens brings up to date the available information on bacterial plant pathogens. The nomenclature with that of the 1948 edition of Bergey's Manual of bacterial pathogens into six genera, namely: Agrobacterium, Corynebacterium, Erwinia, Pseudomonas, and Xanthomonas. In addition, part of the book is devoted to bacterial species reported in the literature from plants, but not recognized as valid plant pathogens.

Each pathogen is listed with its synonyms, its cultural, morphological and physiological characteristics, the disease it produces, the geographical distribution, methods of control, and references.