number of illustrations and a glossary and index are appended.—R. J.
Garber.

THE ARBORETUMS AND BOTANICAL GARDENS OF NORTH AMERICA

By Donald Wyman. Waltham, Mass.: The Chronica Botanica Com-

In addition to listing the active arboretums and botanical gardens of North America, the author gives very briefly other pertinent information, such as chief functions including kind of plants featured, number of species and varieties, ownership, endowment, admission policy, greenhouse facilities, publications, library facilities, special events, the name of the Director, and the number of employees. Several pages are devoted to a discussion of planning, establishing, and maintaining arboretums or botanical gardens. An alphabetical index of the gardens described, together with a map showing location, small collections of special plants, and lists of both proposed and discontinued gardens conclude the booklet. Twenty-three plates showing old and new gardens are included. —R. J. Garber.

SOILLESS GROWTH OF PLANTS

Corp. Ed. 2. X+277 pages, illus. 1947. $4.75.

This revised edition of the earlier book published in 1938 is written for the practical hobbyist, the professional grower, and the student of hydroponics. The opening chapter is concerned with general plant physiology followed by chapters on types of soilless culture, water culture, sand culture, gravel culture, nutrient solution, control of nutrient solution, control of the plant culture, general plant culture, common detriments, special chemicals, and analyses of the nutrient solution. A selected list of references and an index are appended.—R. J. Garber.

THE LAND AND WILDLIFE

By Edward H. Graham, New York: Oxford University Press. XIII+

This is one of the rare books that discusses the problems of both land and wildlife with equal understanding and scientific soundness. It is written to make the point that most practical wildlife management is accomplished through good land use. The subject matter comprises the history of North America and its wildlife heritage, the various conservation practices applicable to the diverse wildlife habitats, such as swamps, ponds, stream banks, ditches, field borders, road sides, hedges, gulleys, crop land, pasture, woodlots, forests, and ranges. The three concluding chapters are devoted to the wildlife prospect, the cost and harvest, and the relation between wildlife, land, and people. The text is supplemented by a carefully selected bibliography.