Book Reviews

A MANUAL OF AQUATIC PLANTS
By N. C. Fassett, with Revision Appendices by E. C. Ogden.
This book is a revised edition of the earlier Manual of Aquatic Plants, originally published by Dr. Fassett in 1940. The Revision Appendix has permitted the nomenclature used to be brought into agreement with that of present-day usage. This manual covers the aquatic plants in the region from Minnesota to Missouri and eastward to the Gulf of St. Lawrence and Virginia. It has numerous black and white illustrations and is quite easy to read and use.―S. C. WIGGANS.

WATER FOR INDUSTRY
Edited by Jack B. Graham and Meredith F. Burril. American Association for the Advancement of Science (Publication no. 45), Washington 5, D. C. 141 pp. 1936. $3.75 regular, $3.25 to AAAS members.
This book is the published report of a symposium presented on December 29, 1935 at the Boston Meeting of the American Association for the Advancement of Science. The senior editor is with Leggette, Brashers and Graham; Mr. Burril is with the U. S. Department of the Interior. The contributors all reknown in the field, thoroughly cover this subject area which is demanding more and more attention as a potential problem.

VEGETABLE CROPS
5th Edition
Although previous editions were written solely by the senior author the fifth edition of this widely used book has been published under a joint authorship. Its purpose is to present the facts and principles necessary for the successful production and handling of vegetable crops.
Recent advances in producing, handling, and processing of vegetable products are included in this edition. These include new developments in machinery and equipment, new and improved herbicides, fungicides and insecticides, the newer growth regulating compounds, and up-to-date methods of processing, storing, and marketing of vegetables. All of the important vegetables and many of the minor ones in the temperate zone are considered and discussed. Sub-tropical and tropical food crops also are discussed at some length.
The book, as usual, is well written and fairly well illustrated. It should prove of value not only in the classroom but also to county agents, vocational agriculture instructors, extension specialists, seedsmen, and commercial growers and processors.―S. C. WIGGANS.

INTERCROSSING AMONG PINK CALLA, WHITE-SPOOTTED CALLA AND YELLOW CALLA
A report (in Japanese and English) of the author’s personal experience in breeding calla (Zantedeschia spp.) at his California home. His basic objective was to develop a new variety of multi-flowered, extra large pink spath in a cross breeding program. This study as well as results with other characteristics of the plant are reported. It is ideal for those interested in flower breeding as an occupation or hobby.

THE GROWTH OF LEAVES
This book contains the papers presented at the Third Easter School of Agricultural Science held at the University of Nottingham in 1956. The papers, written by 17 authors, cover much of the state of our present knowledge on leaf growth. The book is divided into five sections: General Aspects of Growth and Differentiation; Initiation of Leaf Primordia; Leaf Expansion; Influence of External Forces on Leaf Growth; and Demonstrations.
The various authors have emphasized that all aspects of agricultural production are intimately associated with the growth of leaves and that the yield of the crop ultimately depends on the efficiency of the photosynthetic processes and the extent of the photosynthetic surface. Some of the relationships which exist between different organs have been discussed as well as the climatic and nutritional factors which influence the rate of development.
This book has brought together in a summary form much of the present knowledge on leaf growth. Most of the articles are well written and will be informative and useful as reference works for horticultural and agronomic plant breeding and crop production programs. They should also be of value to personnel engaged in fertilizer research programs.―S. C. WIGGANS.

AGRONOMIC AFFAIRS

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POSITION WANTED
Agronomist—Plant Biochemist: Ph.D. Cornell Univ., 1954. Crop production specialty. Chemistry minors and experience, also training in soil chemistry and fertility. Farm experience. Presently investigating composition of forages, especially alkaloids, at the Northern Utilization Research and Development Division of the U. S. D. A. Experienced in the use of all common analytical tools, such as extractors, concentrators, paper, column and iion exchange, chromatography, electrophoresis, flame and spectrophotometry. Desire some opportunity for advancement and recognition. Would enjoy doing some teaching. Interested in chemical composition and characterization work on crop or soil constituents.