Plant Propagation. Greenhouse and Nursery Practice. By M. G. KAINS. (322 pp. with 213 illustrations. Orange Judd Co., New York. 1917. Price \$1.50.)

In this book the author has brought together the latest information covering all branches of practical and theoretical plant propagation.

The result is a book that will at once appeal to the practical propagator and to the teacher of plant propagation in agricultural colleges and schools. The former will appreciate the lucid explanation of the principles underlying this important work, while as a text-book the student will find the order of arrangement by numbered paragraphs of decided assistance. In the chapters dealing with germination the conditions necessary for success are clearly described, together with various practices to aid germination in certain cases, and examples showing the value of a seed test and methods of conducting same. The various methods of propagating by vegetative means are treated very fully, with the why and the wherefore clearly explained.

About one-third of the book is devoted to a discussion from all angles of the principles and practices of "Graftage." The results of much experimental work are given, and those with opportunity for work along this line will find interesting possibilities suggested.

Chapters are given to Potting, Nursery Management, and Laws Affecting Nursery Stock.

Some seventy-six suggested practicums covering the whole subject are outlined which the beginner will find easy to follow.

The book concludes with twelve plant groups arranged in tabular form with condensed cultural instructions which the reader will find of special interest. Altogether this book can be considered a notable contribution to the literature dealing with this most fascinating subject and is deserving of a wide circulation.—H. ERNEST DOWNER.

The American Rose Annual (188 pp., + 9 plates). Issued by J. Horace McFarland Co., Harrisburg, Pa., for American Rose Society. 1918.

The third annual issue of what is easily the most important American periodical on the Rose will be welcomed by all Rosarians. It is in appearance and general contents up to the standard set by its predecessors, but the editor has gathered from different sources an interesting lot of opinions as to why we should grow Roses in war-time.

From the grower's viewpoint the most important section of the book is that by G. C. Thomas, Jr., on "Roses Retained and Discarded." The observations of Captain Thomas (who while in France in the aviation service, is having his records kept up for him) are most impartial and accurate records of the "availability" of the scores and even hundreds of roses that come up for approval.

Professor Massey of Cornell has "More About Rose Diseases" and there are significant notes for amateurs. Articles on private and public rose gardens, new climbing roses, etc. No lover of roses and certainly no grower, either private or professional, can afford to be without this little book which is sent to all members of the American Rose Society. There is a beautiful colored plate of a new American-grown rose, Mrs. Henry Winnett.—N. T.



Taylor, Norman. 1918. "The American Rose Annual [Review]." *Journal of the International Garden Club* 2(2), 297–298.

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