

Prof. Smith's book, as, for instance, some one of the regularly occurring insect enemies of crops, *e. g.*, cutworms, white grubs, canker worms, the Colorado potato beetle, plum curculio, or tussock moth, etc., etc., let him turn it up in the index of this work and he will be referred to a clear and concise account of the insect and its habits, together with recommendations as to the best remedies. The identification of the different species is made easy by a profusion of remarkably good illustrations. The whole book, including the index, consists of 481 pages, while the number of illustrations is no less than 483, all of which are unexceptionable, if a mental reservation may be allowed as to the three plates of bumble bees and bee flies, Nos. 398, 464, and 473, taken evidently from photographs. It seems a pity that these plates should have been included in this work on economic entomology. They were made from very badly mounted specimens, and have no special reference to the text. The arrangement of the book, for ease of reference, is well planned and well carried out, the objects the author had in view, as explained in the introduction, being adhered to in a most satisfactory and complete manner. Part I. consists of eight short chapters on the Structure and Classification of Insects. Part II., the Insect World, which forms the bulk of the book, is a systematic treatment of the various common injurious insects in their natural orders. This portion is particularly well-balanced, enough space being devoted to each species treated of to satisfy the inquirer, without, as is sometimes the case, giving undue importance to some at the expense of others. Part III. treats of Insecticides, Preventive Remedies, and Machinery. This work cannot fail to prove of great value to the farmer and fruit-grower, as well as to the amateur gardener and student of insect life, who will find in it an authoritative book of reference of small size but comprehensive and easy to consult.

J. F.

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MISSOURI BOTANICAL GARDEN—SEVENTH ANNUAL REPORT, 1896.

Very few reports are more eagerly looked for every year by those who are lucky enough to secure copies than Prof. Trelease's report on the Missouri Botanical Garden and the Henry Shaw School of Botany at St. Louis, Mo. This report contains not only the Director's annual statement on the condition of the Garden and its finances, but also valuable monographs on different genera of plants. In the present volume we find the following: (1) *The Juglandaceæ of the United States*,