Radiant Energy

During the first thirty-five years following its birth, any branch of physical science can be expected to pass through a period of active development in which a confusion of ideas and notation comes into existence. So it has been with the measurement of radiation. This division of physical science was, for all practical purposes, born with the announcement of the Planck Radiation Law in 1900. Since that time, many methods of measuring radiation have been developed, not the least of which are the uses of the photographic emulsion and photoelectric cell. Until now, however, there has appeared no good critical survey of the field of radiation measurement. There has been much confusion and misunderstanding sometimes of simple ideas. The present volume removes this confusion and makes clear the problems to be encountered by one who would measure radiation. Under the meticulously careful editorship (and partial authorship) of W. E. Forsythe, this book, in the opinion of the reviewer, is the best of the multiauthored scientific books which have recently appeared. Its discussions are short, direct and authoritative, yet there is no loss in coherence from article to article, so carefully has the material been edited.

This book should be of great assistance to all who have occasion to measure the strength of radiant energy during the course of their work.—C. E. Hesthal.


Dendrology

With the new interest in forestry and soil conservation the teaching of Dendrology must be decidedly increased in our colleges and universities if properly trained men are to be available to carry on the enlarged program. Suitable textbooks are a primary necessity in this program. The present textbook includes all the important forest trees of the United States and Canada and will, no doubt, take an important place, both in the classroom and in general reading courses. It is beautifully printed and illustrated. There is a general introduction with illustrations and definitions of flower, inflorescence, fruit, leaf, and twig characters, and in the body of the text very complete general descriptions and notes, distinguishing characters, botanical features, and range of each species.

—John H. Schaffner.