

## Reviews

### Measure for Measure

*Conversion Tables by P. J. Rennie, Forest Research Branch, Canadian Department of Forestry, Petawawa Forest Experiment Station, Chalk River, Ontario.*

THIS reference book by Mr. Rennie will not only serve the research worker in his daily round, but, indeed, will be of practical use to every forester who is faced with the varied problems of mensuration. Figures and questions that are not easily retained by memory can be referred to in this useful handbook.

Naturally, this publication has a slant towards Canadian problems in measurement. It is, however, equally applicable in this country, dealing with English systems of measurement—including both Imperial and United States units, the Metric system, conversion between English and Metric units, and giving, as part of its Canadian flavour, certain pro-metric French measures of interest in Quebec Province.

The general layout of the sections is arranged in increasing order of complexity. The simple, angular and linear measurements come first, then the square and cube of length, viz. area and volume with special timber measures. After this comes weight, followed by various multiple units falling under the general title of proportion. In this category are two sections depending upon whether the basis is area or volume. The first section embraces units expressing yield or rates of application; the second, units expressing density and concentration. The final sections deal with pressure and energy.

Within the sections, the English, Metric and, where they occur, the United States measures are set out, followed by conversions between them.

Accuracy in relationships is to one part in a million—unless a relationship is an exact conversion. In this way it is possible to select a degree of accuracy depending on the work being done: in some cases, as in quick or rough calculations, a degree of accuracy to one part in 100 or even 10 may be all that is required; elsewhere more exact figures can be taken.

It is clear that this reference book will be an accurate and easily readable guide to all who use it. It can be highly recommended.

M.J.S.