

1. Record Nr.	UNISALENT0991002980669707536
Autore	Balace, Francis
Titolo	La guerre de sécession et la Belgique : documents d'archives américaines, 1861-1865 / Francis Balace
Pubbl/distr/stampa	Louvain : Nauwelaerts, 1969
Descrizione fisica	XXVIII, 320 p. ; 25 cm
Disciplina	973.715
Soggetti	Stati Uniti d'America - Guerra civile, 1861-1865 - Partecipazione del Belgio
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910446321403321
Autore	Fonseca Matthew A
Titolo	The measurement of roundwood : methodologies and conversion ratios / / Matthew A. Fonseca
Pubbl/distr/stampa	Wallingford, UK ; ; Cambridge, MA, : CABI Pub., c2005
ISBN	1-280-73557-0 9786610735570 1-84593-103-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xviii, 269 pages) : illustrations
Disciplina	634.9/285
Soggetti	Forests and forestry - Measurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 185-189) and index.
Nota di contenuto	Contents; Acknowledgements; Foreword; Abbreviations; List of Tables; List of Figures; 1. INTRODUCTION; 2. LOG SCALING; 2.1 Basic Concepts, Commonalities and Differences of Log Scales; 2.2 Cubic Measure and

the Major Cubic Log Scaling Methods in Use; 2.2.1 The USFS National Cubic Log Scale (USA); 2.2.2 BC Firmwood Scale (Canada); 2.2.3 Alberta Cubic Metre Scale (Canada); 2.2.4 The Ontario Cubic Method (Canada); 2.2.5 Swedish National Board of Forestry Log Scale (Sweden); 2.2.6 Russian Government Standard (Russia and members of the former USSR); 2.2.7 Cubage au Reel (France); 2.4.2 Stacked wood scale; 2.4.3 Automated measurement systems (scanners, photo-cells); 2.5 Converting between Log Scaling Methods; 2.5.1 Modelling conversion factors; 2.5.2 Examples of using conversions; 2.6 Sample Scaling; 2.6.1 Determining sample size; 2.6.2 Types of sample scaling; 2.6.3 Population and subpopulations to be expanded (stratum); 2.6.4 Level of expansion; 2.6.5 Expansion time window; 3. MEASURING LOG YARD INVENTORIES AND MILL USAGE VOLUME; 3.1 Basic Concepts; 3.2 Methods of Measuring Log Yard Inventory; 3.2.1 Stacked measure (deck factors); 3.2.2 Scaled inventory 3.2.3 Sample scaled inventory; 3.2.4 Weight expanded inventory; 3.2.5 Count (load or log); 3.2.6 Book estimated inventory; 3.3 Calculating Mill Log Usage Volume; 3.3.1 Measure the inventory and deliveries, and solve for the usage; 3.3.2 Measure the production and solve for the usage by utilizing a recovery factor; 3.3.3 Measure usage directly; 4. MEASURING LOG QUALITY; 4.1 Log Grading; 4.1.1 Grading sawlogs and peeler logs; 4.1.2 Grading chip logs; 4.2 Log Manufacturing Quality; 5. ROUNDWOOD WEIGHT AND GENERAL PHYSICAL PROPERTIES; 5.1 The Variables that Determine Weight-to-Volume Ratios; 5.1.1 Moisture content; 5.1.2 Wood density; 5.1.3 Bark volume and weight; 5.1.4 Deducted defect volume; 5.2 Conversions to and from Weight; 6. METRICS OF LUMBER RECOVERY; 6.1 Measuring Lumber Volume; 6.1.1 Lumber board foot measure; 6.1.2 Lumber cubic volume; 6.2 Factors Affecting Lumber Recovery; 6.2.1 Milling efficiency; 6.2.2 Log characteristics; 6.3 Recovery Trends by Log Size and Lumber Products Produced; 6.3.1 Cubic scaled logs; 6.3.2 Product output scaled logs; 7. METRICS OF PLYWOOD/VENEER RECOVERY; 7.1 Measuring Plywood and Veneer Volume; 7.2 Factors Affecting Plywood and Veneer Recovery

Sommario/riassunto

The ability to measure roundwood quantity and quality, and predict product yields is of great importance to forest industries. However, roundwood metrics is a topic that is often difficult to understand due to counterintuitive trends, inconsistencies and variability in a number of factors. This book provides a comprehensive guide to the various methods by which roundwood and the products of roundwood are measured. It presents and compares many different log scaling methods in terms of procedures and conversion ratios.
