

- |                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNISALENTO991002980669707536   |
| 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<br>9786610735570<br>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 peelers; 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.

---