

1. Record Nr.	UNINA9910457315903321
Autore	Rivers Shayne
Titolo	Conservation of furniture [[electronic resource] /] / Shayne Rivers, Nick Umney
Pubbl/distr/stampa	Oxford, England ; ; Burlington, MA, : Butterworth Heinemann, 2003
ISBN	1-136-41537-8 1-281-02362-0 9786611023621 0-08-052464-8
Descrizione fisica	1 online resource (845 p.)
Collana	Butterworth-Heinemann series in conservation and museology
Altri autori (Persone)	UmneyNick
Disciplina	684.1044
Soggetti	Furniture - Repairing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Conservation of Furniture; Copyright; Contents; Series editors' preface; Contributors; Acknowledgements; Illustration acknowledgements; Part 1 History; 1 Furniture history; 1.1 Introduction; 1.2 Earliest times to the Middle Ages; 1.2.1 Egypt; 1.2.2 Greece; 1.2.3 Rome; 1.2.4 Byzantium and the Romanesque period; 1.3 Medieval; Background; Functional types; Design and construction; Materials used; Tools and techniques; Surface decoration and finish; Organization of the trade; 1.4 Renaissance to Industrial Revolution; 1.4.1 1500-1600; Background; Functional types; Design and construction Materials used Tools and techniques; Surface decoration and finish; Organization of the trade; 1.4.2 1600-1700; Background; Functional types; Design and construction; Materials used; Trade practice, tools and techniques; Surface decoration and finish; 1.4.3 1700-1800; Background; Functional types; Design and construction; Materials used; Tools and techniques of conversion and construction; Surface decoration and finish; Organization of trades; 1.5 The nineteenth century; Background; Functional types; Style and type of construction; Materials used; Tools and techniques

Surface decoration and finish
Organization of trades and manufacturing;
1.6 The twentieth century; Context; Materials used; Tools and techniques of conversion and construction; Surface decoration and finish; Organization of trades and manufacturing;
1.7 Conclusion; Bibliography;
Part 2 Materials;
2 Wood and wooden structures;
2.1 Introduction to wood as material;
2.2 The nature of wood: appearance, cellular structure and identification;
2.2.1 Gross features; Grain; Texture; Figure; Colour; Taxonomy - the classification of plants;
2.2.2 Wood anatomy: softwoods;
2.2.3 Cell structure: hardwoods
2.2.4 Wood identification
2.2.5 Hand-lens examination;
2.2.6 Microscopic examination;
2.2.7 Other methods;
2.3 Chemical nature of wood;
2.3.1 Chemical constituents of wood;
2.3.2 The cellulose structure within cell walls;
2.4 Wood-water relations and movement;
2.4.1 Hygroscopicity;
2.4.2 Measuring moisture content of wood;
2.4.3 Dimensional change;
2.4.4 Estimating dimensional change;
2.5 Mechanical properties;
2.5.1 Defining mechanical properties;
2.5.2 Relative strength properties;
2.5.3 Factors affecting the strength of wood;
2.5.4 Role of wood strength in furniture
2.6 Manufactured timber products
2.6.1 Veneers;
2.6.2 Plywood and related materials;
2.6.3 Reconstituted wood products;
2.7 Wooden structures;
2.7.1 Types of joints;
2.7.2 Critical success factors for joints;
2.7.3 Dovetail joints;
2.7.4 Mortise and tenon joints;
2.7.5 Other joint types;
Bibliography;
3 Upholstery materials and structures;
3.1 Introduction to upholstery;
3.1.1 Classification and terminology;
3.1.2 Historical development;
3.1.3 Technical examination;
3.2 Top surface/simple structures;
3.2.1 Leather/skin/parchment; Skin; Leather; Structure processing and properties
Methods of working and uses of leather

Sommario/riassunto

This book is a comprehensive resource covering the principles and practice of the conservation and restoration of furniture, and other decorative art objects made wholly or partly of wood. It integrates theory with practice to show the principles which govern interaction between wooden objects, the environmental and conservation treatments and the factors which need to be taken into account to arrive at acceptable solutions to conservation problems. The practical knowledge and experience of a team of conservators active in the field are brought together with their
