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	Descrizione fisica	1 online resource (419 pages)
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	Nota di contenuto	Wood as a Material More about Wood Fire & Water UC's, Insects, Fungi, Modified Wood Preservatives & Finishes Defects & Appearance Grading Strength Grading Wood-based Panels Principles of Timber Engineering Things to know about wood, trees and forests Being Sustainable Voluntary Schemes Legal Requirements Softwoods and their Supplies Hardwoods and their Supplies Re-use, Carbon Cycle, Biomass and End of Life Disposal Energy Considerations & Other Construction Materials Appendix 1: A Glossary of Wood and Timber Terms Used in the Timber and Construction Industries Appendix 2: A Select Bibliography of Some Useful Technical Reference Works, plus some other Information on Timber and Wood-Based Products Appendix 3: Some Helpful Technical, Advisory and Trade Bodies Concerned with Timber.
	Sommario/riassunto	"There is a growing interest in the use of wood in new building, not least because it has low embodied energy and it is an infinitely renewable resource. Despite a great deal of innovation in the use of wood in construction in recent years, the fundamentals of using this natural material have not really changed: the different types of wood have different properties and differing responses to the environment in which they are used. When used correctly, wood is an excellent building

material but when inappropriately specified or used, it may cause problems. Poor understanding of the properties of wood and the many species and grades that are commercially available can result in this versatile material performing below expectation, and certainly less well than could have been achieved with greater understanding about how best to use it. How Wood Works is a combination of the author's two previous books into one comprehensive volume. Revised and updated material to deal with the essentials of structural design and building in timber, in a sustainable manner while reflecting on changes in Standards and other Regulations and expanding on certain technical areas -- such as more detailed wood science and wood structure"--