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Titolo	Atlas of Macroscopic Wood Identification : With a Special Focus on Timbers Used in Europe and CITES-listed Species // by Flavio Ruffinatto, Alan Crivellaro
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ISBN	3-030-23566-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (437 pages)
Disciplina	674.1
Soggetti	Forest products Trees Plant systematics Plant taxonomy Wood Science & Technology Tree Biology Plant Systematics/Taxonomy/Biogeography Fusta Taxonomia botànica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Background of the study, aims and scope -- Wood structure and plans of observations -- Brief introduction on wood structure and plans of observation for macroscopic identification -- Samples preparation and observation -- Instructions on how to prepare samples and observe them -- Materials and methods -- Origin of the material studied, samples preparation and photos acquisition -- Definition of Macroscopic Features -- List of macroscopic features with definitions and illustrations -- Identification key -- Wood descriptions -- References -- Index of species.
Sommario/riassunto	This atlas presents macroscopic descriptions, macro cross section pictures, general characteristics and identification keys of 335 wood

species currently introduced in the European timber market from all over the world. Overall 292 different genera are represented and CITES-listed timbers are also included. Macroscopic descriptions are based on a recently proposed list of macroscopic features for wood identification. Macroscopic features and their codes are defined and illustrated in the atlas. Wood descriptions also include information about natural durability, physical and mechanical properties, end uses, environmental sustainability and possible related misleading commercial names. Furthermore, each genus is described in terms of number of species, geographical distribution and main commercial timbers, and details are given about to what extent timbers within the genus can be typically identified through macroscopic and microscopic analysis, if any. The atlas will be a valuable guide for all agents in charge for timber verification, those involved in the European Timber Regulation enforcement and CITES inspections, as well as wood scientists, foresters, wood sellers, wood restorers, and any wood worker and wood passionate interested in a fast and reliable tool for wood identification.

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