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Titolo	Fiber Atlas [[electronic resource] ] : Identification of Papermaking Fibers // by Marja-Sisko Ilvessalo-Pfäffli
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995
ISBN	3-662-07212-2
Edizione	[1st ed. 1995.]
Descrizione fisica	1 online resource (XI, 400 p. 355 illus.)
Collana	Springer Series in Wood Science, , 1431-8563
Disciplina	630
Soggetti	Agriculture Forestry Plant science Botany Plant Sciences
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Botanical Classification -- 1 Wood Fibers -- 1 Geographic Distribution of Tree Species -- 2 Structure of Wood -- 3 Identification of Wood Species in Pulp -- 4 Descriptions of Softwoods -- 5 Descriptions of Hardwoods -- 2 Nonwood Fibers -- 6 Groups of Nonwood Fibers -- 7 Grass Fibers (Including Papyrus and Palms) -- 8 Bast Fibers -- 9 Leaf Fibers -- 10 Fruit Fibers -- 11 Descriptions of Nonwood Plant Fibers -- 12 Descriptions of Nonplant Fibers -- Appendix: Distribution Maps of Tree Genera -- References -- Index to Common Names of Species Described -- Index to Scientific Names of Species Described.
Sommario/riassunto	This atlas presents the information on fiber identification necessary for a fiber analyst in the field of pulp and paper. The book discusses the structure of the raw materials and the features used for the species identification in pulp. It describes the identification of 117 fiber species. Of these, 83 are wood fibers and 34 are of nonwood origin. The tree species are from all five continents, 29 species from Eurasia, 38 from North America, and 16 from the southern hemisphere and the tropics. Informative micrographs, identification tables, and distribution maps help the species differentiation. This richly illustrated book can

be recommended to everyone interested in fiber identification.

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