

1. Record Nr.	UNIORUON00197755
Titolo	Superman : from the thirties to the seventies / Edited by E. Nelson Bridwell
Pubbl/distr/stampa	London, : Spring Books, 1971
ISBN	06-00-38046-7
Descrizione fisica	386 p. ; 24 cm. -
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910337948903321
Autore	Schweingruber Fritz H
Titolo	Bark Anatomy of Trees and Shrubs in the Temperate Northern Hemisphere // by Fritz H. Schweingruber, Peter Steiger, Annett Börner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-14056-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (399 pages)
Disciplina	582.047
Soggetti	Plant anatomy Plants - Development Trees Biodiversity Microscopy Forest products Plants Plant Anatomy/Development Tree Biology Biological Microscopy Wood Science & Technology Plant Systematics/Taxonomy/Biogeography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The Boreal Taiga -- Subalpine and Subarctic Dwarf Shrubs -- Mountain Ranges in Eurasia -- Deciduous Forest of Temperate Europe -- Deciduous Forest of Submediterranean Europe -- Deciduous Forest of Eastern Asia -- Deciduous Forest of Eastern North America -- Coniferous Forest of Pacific North America -- Mediterranean Hard-Leaved Forest.
Sommario/riassunto	<p>This book presents the microscopic and macroscopic bark structure of more than 180 different tree and shrub species from Europe, Asia and North America. It is the first compendium to demonstrate the anatomical variability in bark since almost 70 years (Holdheide 1951). The introductory chapter explains with high-quality microphotographs the anatomical traits most important for identification and ecological interpretation of barks, and the monographic part demonstrates in text and pictures the species-specific patterns. The species treatments are grouped by their main biomes. Each species description first characterizes the macroscopic aspects with its main form, features and habitat with text and pictures of the whole plant and the barks in a young and old stage. This is followed by the microscopical description of each species. The microscopic photographs are based on double-stained slides, revealing the quality and distribution of unlignified and lignified tissues in low and high magnification. The book fills a scientific gap: Archeologists and soil scientists want to identify prehistoric and historical remnants. Ecophysiologicalists are interested in the distribution of conducting and non-conducting tissues in the phloem and xylem along the stem axis and the internal longevity of cells. Ecologists get information about internal defense mechanisms and technologists are enabled to recognize indicators relevant in biophysics and technology.</p>
