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Titolo	Atlas of wood, bark and pith anatomy of eastern Mediterranean trees and shrubs : with a special focus on Cyprus // A. Crivellaro, F.H. Schweingruber
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	9783642372353 364237235X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 583 pages) : color illustrations, maps (some color)
Collana	Life sciences Atlas of wood, bark and pith anatomy of Eastern Mediterranean trees and shrubs
Altri autori (Persone)	CrivellaroAlan Fritz HansSchweingruber
Disciplina	575.422160918224
Soggetti	Wood Gnetales
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographic references.
Nota di contenuto	Introduction -- Materials and Methods -- Definition of Anatomical Features -- Identification Keys -- Anatomical Description of Species -- List of Species and Families -- References.
Sommario/riassunto	This atlas presents anatomical descriptions of the xylem, bark and pith of 264 species belonging to 69 families. It highlights the anatomical diversity of trees, shrubs, dwarf shrubs, woody lianas and several of the prominent perennial herbs from the Eastern Mediterranean region, with a focus on the island of Cyprus. The island's topography and biogeographic history combine to provide a wide range of habitats and diverse flora including widespread, endemic, and ornamental species. The monograph for each species includes a description of the anatomical structures of the stem and twig xylem and the twig's bark and pith, as well as color micrographs of double-stained sections of each of these plant parts. These entries are accompanied by a photograph and a brief description of the plant including stem wood density, height, habit, flower, leaf and fruit characteristics, and a map showing its geographic and altitudinal distribution in the region. Xylem descriptions follow the IAWA lists of microscopic features for hardwood

and softwood identification. For bark and pith descriptions, a new coding system developed by the authors is applied. Lastly, the atlas offers a key for wood identification that was developed to differentiate between groups of species by using a small number of features that are unambiguous and clearly visible. The atlas will be a valuable guide for botanists, ecologists, foresters, archeologists, horticulturists and paleobotanists.
