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Autore	Schweingruber Fritz Hans
Titolo	Atlas of woody plant stems : evolution, structure, and environmental modifications // F.H. Schweingruber, A. Borner, E.-D. Schulze
Pubbl/distr/stampa	Berlin, : Springer, 2006
ISBN	1-280-86445-1 9786610864454 3-540-32525-5
Descrizione fisica	1 online resource (230 p.)
Altri autori (Persone)	BornerA (Annett) SchulzeE.-D <1941-> (Ernst-Detlef)
Disciplina	575.4
Soggetti	Woody plants - Anatomy Woody plants - Morphology Stems (Botany)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Evolution of Plant Stems in the Earth's History -- The Structure of the Plant Body -- Secondary Growth: Advantages and Risks -- Modification of the Stem Structure -- Modification of the Xylem Within a Plant -- Modification of the Xylem and Phloem by Ecological Factors -- Modification of Organs -- Anatomical Variability -- Wood Structural Modifications Caused by Weather and Climate -- Wood Structural Modifications Caused by Extreme Events -- From Anatomical Features to Plant Structures -- Decay of Dead Wood -- Microscopical Preparation.
Sommario/riassunto	he „Atlas of Woody Plant Stems“ is a com- Naturally, it was impossible to cover completely the comprehensively illustrated book with short, in- enormous variability of plant life forms. We have formative texts. We chose this layout because plant tried, however, to illustrate the main principles and anatomy and morphology can only be conveyed by features. Many decades of collection and preparation detailed pictures. In addition, a vivid presentation provided the basis for this book. should attract a broader public, not only the socialist. We hope that the combination of anatomy Fritz Schweingruber would like to thank the

Swiss and morphology will create interest and curiosity. Federal Research Institute WSL, that offered him Amateurs will enjoy the wide range of pictures; hospitality after his retirement. The authors thank all interested readers will be caught by particular chapters- the students and colleagues that have, for decades; specialists will delve into aspects and photo- collected and prepared samples, and who helped graphs that may have never been presented before; with the English translations. Thanks to John Kirby teachers may use the pictures for illustrations in who made the final English editing. classes with students.

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