

1.	Record Nr.	UNISALENTO991003836179707536
	Titolo	Charmed lives : classic English short stories / selected by T.S. Dorsch
	Pubbl/distr/stampa	Oxford ; New York : Oxford University Press, 1988
	ISBN	0192821504
	Descrizione fisica	VIII, 250 p. ; 20 cm
	Collana	Classic English short stories ; 3 Oxford paperbacks
	Altri autori (Persone)	Dorsch, Theodor Siegfried
	Disciplina	823.01
	Soggetti	Narrativa inglese - Antologia
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910784532403321
	Autore	Dickison William C
	Titolo	Integrative plant anatomy [[electronic resource] /] / William C. Dickison
	Pubbl/distr/stampa	San Diego, : Harcourt/Academic Press, c2000
	ISBN	1-281-79534-8 9786611795344 0-08-050891-X
	Descrizione fisica	1 online resource (557 p.)
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	Soggetti	Plant anatomy Botany
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
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	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Front Cover; Integrative Plant Anatomy; Copyright Page; CONTENTS;

PREFACE; ACKNOWLEDGMENTS; PART I: ANATOMICAL FOUNDATION OF THE PLANT BODY: AN OVERVIEW; Chapter 1. Plant Growth, Development, and Cellular Organization; Plant Growth; Terms Used in the Description of Plant Cells; Embryology; The Plant Cell; Cell Membranes; Nonprotoplasmic Mineral Desposition; Summary; Additional Reading; Chapter 2. Origin and Structure of the Primary Plant Body; Structure and Function of the Angiosperm Vegetative Shoot Apex; Shoot Apex Organization; Chimeras; Structure and Function of the Root Apex
 Differentiation of Primary Tissues Leaf Initiation and Development; Classification of Tissues; Differentiation of Primary Vascular Tissues; Primary Xylem Differentiation; Cytodifferentiation of Tracheary Cells; Primary Phloem Differentiation; Vascular Differentiation in Leaves; Summary; Additional Reading; Chapter 3. Tissue Organization in Stems, Leaves, and Roots; Stems; Leaves; Roots; Summary; Additional Reading; Chapter 4. Origin and Structure of the Secondary Plant Body; Vascular Cambium Formation; Structure and Function of the Vascular Cambium; Anomalous Secondary Growth
 Structure and Function of the Cork Cambium and Periderm Secondary Growth in Monocotyledons; Periderm Formation in Monocotyledons; Summary; Additional Reading; PART II: EVOLUTIONARY, PHYSIOLOGICAL, AND ECOLOGICAL PLANT ANATOMY; Chapter 5. Evolution and Systematics; Systematic Plant Anatomy; Use of Wood Anatomy in Systematics; Phylogenetic Systematics; Summary; Additional Reading; Chapter 6. Macromorphology; Floral Morphology and Anatomy; Homology of Floral Appendages; Conservative and Vestigial Vascular Bundles; Nectaries of Salix; Pseudomonomerous Gynoecia; Inverted Vascular Bundles
 The Inferior Ovary Leaves and Stipules; Two-Bundled Structures in Monocotyledons; Summary; Additional Reading; Chapter 7. Structure and Function; Vascular Tissues; Phloem Structure and Translocation; Minor Leaf Veins and Phloem Loading and Unloading; Kranz Anatomy and Photosynthesis; Xylem Structure and Water Movement; Anatomical Responses to Mineral Deficiency; Summary; Additional Reading; Chapter 8. Ecological Anatomy; Habitat and Plant Structure; Ecological Leaf Anatomy; Ecological Wood Anatomy; Roots; Frost Hardiness; Anatomy and Pollution; Summary; Additional Reading
 PART III: ECONOMIC AND APPLIED PLANT ANATOMY Chapter 9. Genetics and Plant Breeding; Molecular Genetic Analysis; Anatomy as an Indicator of Hybridization; Gene Expression and Anatomical Traits; The Wilted Gene; Trichome Development; Corn Leaf Development; Cell Wall Genes; Floral Development; Anatomy, Heredity, and Plant Breeding; Wood Quality; Summary; Additional Reading; Chapter 10. Defense Mechanisms and Structural Responses of Plants to Diseases, Pests, and Mechanical Injury; The Nature of Plant Defenses; Responses of Plants to Wounding and Invasion by Microorganisms
 Cytological Reactions to Invasion by Parasites

Sommario/riassunto

From this modern and profusely illustrated book, the reader will learn not just the basics, which are amply reviewed, but also how plant anatomy is integrated with a wide variety of other disciplines, such as plant breeding, forensic analysis, medicine, food science, wood and fiber products, and the arts. The author presents the basic concepts and terminology of plant anatomy with a special emphasis on its significance and applications to other disciplines, and addresses the central role of anatomy by consolidating previously scattered information into a single volume. Integrative Plant Ana