

- |                         |   |
|-------------------------|---|
| 1. Record Nr.           | UNISOBE600200034875   |
| Titolo                  | Sindacati e progresso tecnico : Rapporto presentato al Congresso del 1966 dalla Confederazione Svedese dei Sindacati redatto da Rudolf Meidner [et al.] / pref. Franco Ferrarotti |
| Pubbl/distr/stampa      | Milano, : Franco Angeli, 1969   |
| Descrizione fisica      | 275 p. 22 cm  |
| Collana                 | Collana I.S.V.E.T. ; 10   |
| Lingua di pubblicazione | Italiano  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910777492303321   |
| Autore                  | Pallardy Stephen G  |
| Titolo                  | Physiology of woody plants [[electronic resource] ] / Stephen G. Pallardy   |
| Pubbl/distr/stampa      | Amsterdam ; ; Boston, : Elsevier, c2008   |
| ISBN                    | 1-281-30724-6<br>9786611307240<br>0-08-056871-8   |
| Edizione                | [3rd ed.]   |
| Descrizione fisica      | 1 online resource (469 p.)  |
| Altri autori (Persone)  | Kozlowski T. T <1917-> (Theodore Thomas)  |
| Disciplina              | 571.2   |
| Soggetti                | Woody plants - Physiology<br>Trees - Physiology   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Rev. ed. of: Physiology of woody plants / Theodore T. Kozlowski, Stephen G. Pallardy. 2nd ed. c1997.  |
| Nota di bibliografia    | Includes bibliographical references (p. 379-440) and index.   |
| Nota di contenuto       | Front cover; PHYSIOLOGY OF WOODY PLANTS; Copyright page; Table of contents; Preface; Chapter 1: Introduction; HEREDITARY AND ENVIRONMENTAL REGULATION OF GROWTH; PHYSIOLOGICAL    |

REGULATION OF GROWTH; PROBLEMS OF FORESTERS, HORTICULTURISTS, AND ARBORISTS; SUMMARY; Chapter 2: The Woody Plant Body; INTRODUCTION; CROWN FORM; STEM FORM; VEGETATIVE ORGANS AND TISSUES; LEAVES; STEMS; WOOD STRUCTURE OF GYMNOSPERMS; WOOD STRUCTURE OF ANGIOSPERMS; BARK; ROOTS; REPRODUCTIVE STRUCTURES; SUMMARY; Chapter 3: Vegetative Growth; INTRODUCTION; CELL AND TISSUE GROWTH; DORMANCY; SHOOT GROWTH  
 SHOOT TYPES AND GROWTH PATTERNS  
 SHOOT GROWTH IN THE TROPICS; CAMBIAL GROWTH; ROOT GROWTH; SHEDDING OF PLANT PARTS; MEASUREMENT AND ANALYSIS OF GROWTH; SUMMARY; Chapter 4: Reproductive Growth; INTRODUCTION; SEXUAL REPRODUCTION IN ANGIOSPERMS; SEXUAL REPRODUCTION IN GYMNOSPERMS; MATURATION OF SEEDS; ABSCISSION OF REPRODUCTIVE STRUCTURES; SUMMARY; Chapter 5: Photosynthesis; INTRODUCTION; CHLOROPLAST DEVELOPMENT AND STRUCTURE; THE PHOTOSYNTHETIC MECHANISM; CARBON DIOXIDE UPTAKE BY PHOTOSYNTHETIC TISSUES; CARBON AND OXYGEN ISOTOPE DISCRIMINATION DURING PHOTOSYNTHESIS  
 VARIATIONS IN RATES OF PHOTOSYNTHESIS  
 ENVIRONMENTAL FACTORS; WATER SUPPLY; PLANT FACTORS; SUMMARY; Chapter 6: Enzymes, Energetics, and Respiration; INTRODUCTION; ENZYMES AND ENERGETICS; RESPIRATION; ATP; RESPIRATION OF PLANTS AND PLANT PARTS; FACTORS AFFECTING RESPIRATION; ASSIMILATION; SUMMARY; Chapter 7: Carbohydrates; INTRODUCTION; KINDS OF CARBOHYDRATES; CARBOHYDRATE TRANSFORMATIONS; USES OF CARBOHYDRATES; ACCUMULATION OF CARBOHYDRATES; AUTUMN COLORATION; SUMMARY; Chapter 8: Lipids, Terpenes, and Related Substances; INTRODUCTION; LIPIDS; WAXES, CUTIN, AND SUBERIN; INTERNAL LIPIDS  
 ISOPRENOIDS OR TERPENOIDS  
 SUMMARY; Chapter 9: Nitrogen Metabolism; INTRODUCTION; DISTRIBUTION AND SEASONAL FLUCTUATIONS OF NITROGEN; IMPORTANT NITROGEN COMPOUNDS; NITROGEN REQUIREMENTS; SOURCES OF NITROGEN; THE NITROGEN CYCLE; SUMMARY; Chapter 10: Mineral Nutrition; INTRODUCTION; FUNCTIONS OF MINERAL NUTRIENTS AND EFFECTS OF DEFICIENCIES; ACCUMULATION AND DISTRIBUTION OF MINERAL NUTRIENTS; MINERAL CYCLING; THE SOIL MINERAL POOL; LOSSES OF MINERAL NUTRIENTS FROM ECOSYSTEMS; ABSORPTION OF MINERAL NUTRIENTS; SUMMARY; Chapter 11: Absorption of Water and Ascent of Sap; INTRODUCTION  
 ABSORPTION OF WATER  
 WATER ABSORPTION PROCESSES; ROOT AND STEM PRESSURES; ASCENT OF SAP; THE WATER CONDUCTING SYSTEM; SUMMARY; Chapter 12: Transpiration and Plant Water Balance; INTRODUCTION; FACTORS AFFECTING TRANSPIRATION; INTERACTION OF FACTORS AFFECTING TRANSPIRATION; TRANSPIRATION RATES; WATER LOSS FROM PLANT STANDS; THE WATER BALANCE; EFFECTS OF WATER STRESS; ADAPTATION TO DROUGHT; SUMMARY; Chapter 13: Plant Hormones and Other Signaling Molecules; INTRODUCTION; MAJOR CLASSES OF PLANT HORMONES; OTHER REGULATORY COMPOUNDS; MECHANISMS OF HORMONE ACTION; SUMMARY; Bibliography; Index

---

Sommario/riassunto

Woody plants such as trees have a significant economic and climatic influence on global economies and ecologies. This completely revised classic book is an up-to-date synthesis of the intensive research devoted to woody plants published in the second edition, with additional important aspects from the authors' previous book, Growth Control in Woody Plants. Intended primarily as a reference for researchers, the interdisciplinary nature of the book makes it useful to a broad range of scientists and researchers from agroforesters, agronomists, and arborists to plant pathologists and soil s

---

