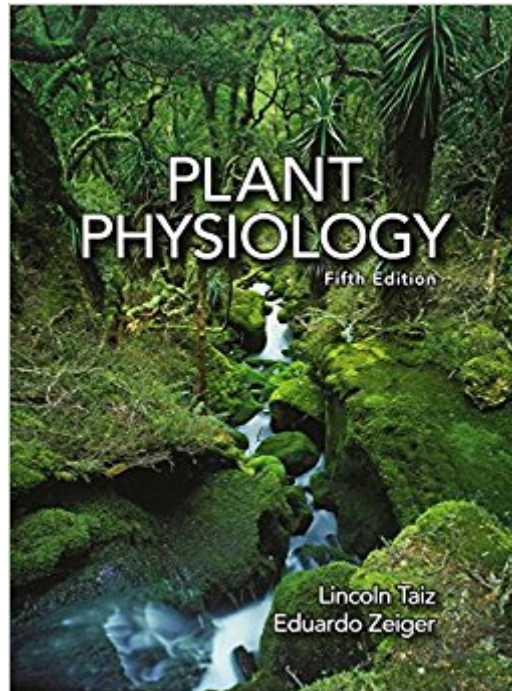




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Plant Physiology, Fifth Edition



Synopsis

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- * A newly updated chapter (Chapter 1) on Plant Cells, including new information on the endomembrane system, the cytoskeleton, and the cell cycle
- * A new chapter (Chapter 2) on Genome Structure and Gene Expression
- * A new chapter (Chapter 14) on Signal Transduction

Updates on recent developments in the light reactions and the biochemistry of photosynthesis, respiration, ion transport, and water relations *

- * In the phytochrome, blue-light, hormone and development chapters, new information about signaling pathways, regulatory mechanisms, and agricultural applications
- * Coverage of recent breakthroughs on the control of flowering
- * Three new Appendices on Concepts of Bioenergetics, Plant Kinematics, and Hormone Biosynthetic Pathways

As with prior editions, the Fifth Edition is accompanied by a robust Companion Website. New material has been added here as well, including new Web Topics and Web Essays.

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