

Seventh Edition Botany

James D. Mauseth

An Introduction to Plant Biology

Botany: An Introduction to Plant Biology, Seventh Edition continues to set the standard for learning plant science. In its seventh edition, *Botany* leads with the latest material on molecular biology, plant biotechnology, and the most recent coverage of taxonomy and phylogeny of plants to keep students on the forefront of cutting-edge botanical research. Author Dr. James D. Mauseth carefully weaves the themes of ecology, evolution, and the impact of humans on other species and the environment into every chapter with the intention of teaching students about life in general. While the main details concern plant life, intertwined are lessons about general principles of biology, using human biology as relatable examples (e.g., Calcium: Strong Bones, Strong Teeth, but Not Strong Plants). New *Thinking About Thinking* boxes teach students how to think critically and logically so that after the course is over, students can continue to learn on their own.

Key Features of the Seventh Edition:

- **Thinking About Thinking.** A new box type covering topics on evidence-based decision making, designing experiments, reductionist and holistic thinking.
- **Plants & People.** The text emphasizes how plants and people influence one another, how they are similar, and how they are different.
- **Anatomy & Physiology.** Dr. Mauseth's narrative expertly connects structure to function in plants.

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INSTRUCTOR RESOURCES

Instructor resources include Slides in PowerPoint format, Instructor's Manual, Image Bank, Test Bank, and A



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9781284157352 生物科学
分类码: 094
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1 库 00603

ISBN: 978-1-284-15735-2



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