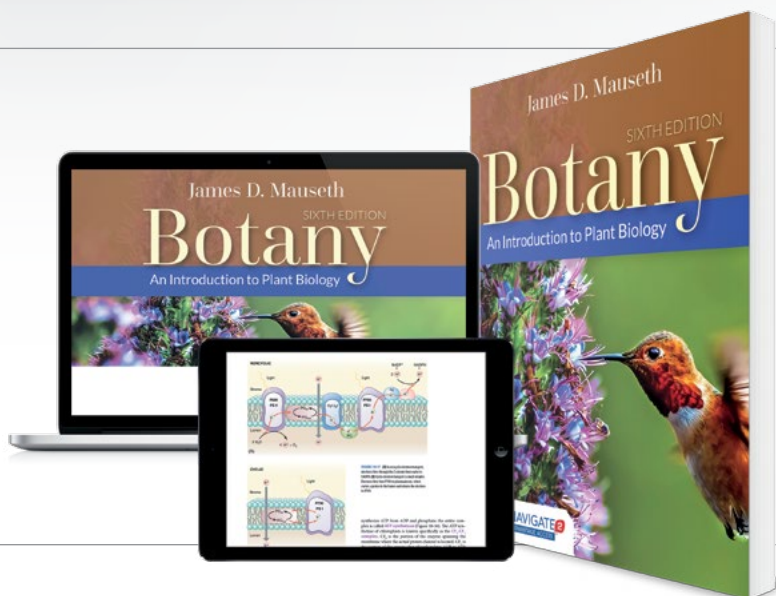# Why You Should Adopt

Botany
An Introduction to Plant Biology
SIXTH EDITION
Includes Navigate 2 Advantage Access

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Learning Objectives

Did You Know?

Chapter Outline

Chapter Opening Introductions

High-Quality Art & Images

The Student Experience

Thought-provoking boxes throughout illuminate core concepts, encourage critical thinking and application of plant biology to the real world, and provide students the opportunity to investigate botanical concepts further. No botany text better connects structure to function and does so with higher quality art and imagery. ***Botany: An Introduction to Plant Biology, Sixth Edition*** is the CLEAR choice!

New to the Sixth Edition:

• NEW Animations that entertain and educate!
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• High quality art and images—Contains 1,500 photos and illustrations and over 550 NEW and REVISED figures
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Teaching & Learning Botany Just Got Easier With Navigate 2 Advantage Access

⭐ **Learn:** A Complete eBook with Interactive Tools and New Animations that Educate and Entertain

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Course Materials

Learning Tools

- Interactive eBook
- New Animations
- Audio Pronunciation Guide
- Learning Objectives
- Lecture Outlines
- Lecture Slides in PowerPoint format
- Practice Activities & Assessments
- Flashcards
- Weblinks

Teaching Tools (available with Course ID)

- Lecture Outlines
- Lecture Slides in PowerPoint Format
- Instructor's Manual
- Key Image Review
- Unlabeled Art Image Bank
- Pre-Populated Quizzes and Examinations with Automatic Grading
- Dashboard with actionable data
- Hassle-free Gradebook
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Navigate 2 is fully hosted by Jones & Bartlett Learning, is mobile-ready, and is compatible with Blackboard and other third party learning management systems. A Navigate Implementation Specialist will be your personal resource to answer questions, set up your course, and maintain your customizations from semester to semester.

eBook Resources

Chapter	Title	Knowledge Check Questions (Not Graded)	eBook Quiz Questions (Graded)	# of Web Links
1	Introduction to Plants and Botany	16	10	11
2	Overview of Plant Life	12	10	10
3	Cell Structure	12	10	9
4	Growth and Division of the Cell	14	10	10
5	Tissues and the Primary Growth of Stems	10	10	7
6	Leaves	10	10	7
7	Roots	10	10	6
8	Structure of Woody Plants	14	10	9
9	Flowers and Reproduction	12	10	9
10	Energy Metabolism: Photosynthesis	8	10	10
11	Energy Metabolism: Respiration	12	10	7
12	Transport Processes	12	10	9
13	Soils and Mineral Nutrition	12	10	8
14	Development and Morphogenesis	16	10	8
15	Genes and the Genetic Basis of Metabolism and Development	14	10	8
16	Genetics	14	10	8
17	Population Genetics and Evolution	10	10	5
18	Classification and Systematics	12	10	6
19	Algae and the Origin of Eukaryotic Cells	16	10	10
20	Nonvascular Plants: Mosses, Liverworts, and Hornworts	12	10	8
21	Vascular Plants Without Seeds	10	10	9
22	Seed Plants I: Seed Plants Without Flowers ("Gymnosperms")	16	10	10
23	Seed Plants II: Angiosperms	12	10	10
24	Ethnobotany: Plants and People	8	10	9
25	Populations and Ecosystems	8	10	9
26	Community Ecology	12	10	9
27	Biomes	8	10	8

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