

The easy way to score your highest grade in botany

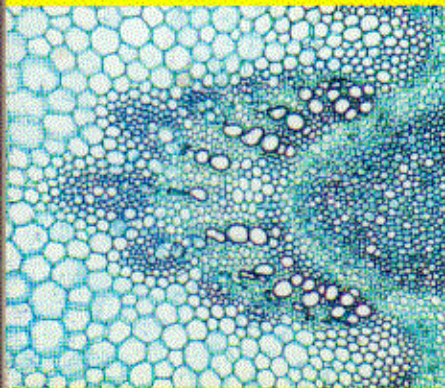
Botany For Dummies gives you a thorough, easy-to-follow overview of the fundamentals of botany, helping you to improve your grades, supplement your learning, or review before a test. Covering typical topics in botany, this hands-on, friendly guide is your ticket to acing this required course for your major in biology, microbiology, zoology, or elementary education.

- **Breathe life into botany** — get an overview of the fundamentals of metabolism that are common to all living things, and understand why living things need matter and energy to grow and function
- **Get ready to photosynthesize** — find out how plants make food from carbon dioxide and water using energy from the sun, and how they break down that food through cellular respiration
- **Let's talk about reproduction** — get the 411 on how plant cells divide, either to make exact copies of themselves for growth or to make eggs and sperm for sexual reproduction
- **The many uses of plants** — discover the importance of plants to the natural world, and the role they play in food, clothing, fuel, and medicine



Open the book and find:

- An overview of plant biology
- The basic chemistry you need to know to understand botany
- Plain-English explanations of plant tissues
- The structure of plants
- The lowdown on photosynthesis
- Plant reproduction and genetics
- A look at how evolution has shaped the structure and behavior of plants
- How we thrive on plants in everyday life



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