



Concepts in Biology (Fourteenth Edition)

By David B. Bailey, Eldon D. Enger, F.C. Ross

McGraw Hill Education, 2014. Softcover. Book Condition: New. 5th or later edition. Concepts in Biology is a relatively brief introductory general biology text written for students with no previous science background. The text covers all the main areas of study in biology from cells through ecosystems. Evolution and ecology coverage are combined in Part Four to emphasize the relationship between these two main subject areas. Contents: Concepts in Biology, 13th edition Part I Introduction 1 What is Biology? Part II Cornerstones: Chemistry, Cells, and Metabolism 2 The Basics of Life: Chemistry 3 Organic Molecules-The Molecules of Life 4 Cell Structure and Function 5 Enzymes, Coenzymes, and Energy 6 Biochemical Pathways-Cellular Respiration 7 Biochemical Pathways-Photosynthesis Part III Molecular Biology, Cell Division and Genetics 8 DNA and RNA: The Molecular Basis of Heredity 9 Cell Division 10 Patterns of Inheritance 11 Applications of Biotechnology Part IV Evolution and Ecology 12 Diversity within Species and Population Genetics 13 Evolution and Natural Selection 14 The Formation of Species and Evolutionary Change 15 Ecosystem Dynamics: The Flow of Energy and Matter 16 Community Interactions 17 Population Ecology 18 Evolutionary and Ecological Aspects of Behavior Part V The Origin and Classification of Life 19 The Origin...



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