Table of contents

- **39 Plant Responses to Internal and External Signals**
- **Unit 7 Animal Form and Function**
- **40 Basic Principles of Animal Form and Function**
- **41 Animal Nutrition**
- **42 Circulation and Gas Exchange**
- **43 The Immune System**
- **44 Regulating the Internal Environment**
- **45 Chemical Signals in Animals**
- **46 Animal Reproduction**
- **47 Animal Development**
- **48 Nervous Systems**
- **49 Sensory and Motor Mechanisms**
- **Unit 8 Ecology**
- **50 An Introduction to Ecology and the Biosphere**
- **51 Animal Behavior and Behavioral Ecology**
- **52 Population Ecology**
- **53 Community Ecology**
- **54 Ecosystems**
- **55 Conservation Biology and Restoration Ecology**