

BRIEF CONTENTS

CHAPTER 1 What Is Biological Anthropology? 2

PART I THE PRESENT: FOUNDATION FOR THE PAST 23

CHAPTER 2 Evolution: Constructing a Fundamental Scientific Theory 24

CHAPTER 3 Genetics and Genomics: Reproducing Life and Producing Variation 50

CHAPTER 4 Genes and Their Evolution: Population Genetics 84

CHAPTER 5 Biology in the Present: Living People 114

CHAPTER 6 Biology in the Present: The Other Living Primates 150

CHAPTER 7 Primate Sociality, Social Behavior, and Culture 186

PART II THE PAST: EVIDENCE FOR THE PRESENT 213

CHAPTER 8 Fossils and Their Place in Time and Nature 214

CHAPTER 9 Primate Origins and Evolution: The First 50 Million Years 252

CHAPTER 10 Early Hominin Origins and Evolution: The Roots of Humanity 286

CHAPTER 11 The Origins and Evolution of Early *Homo* 326

CHAPTER 12 The Origins, Evolution, and Dispersal of Modern People 360

CHAPTER 13 Our Past 10,000 Years: Agriculture, Population, Biology 412

14 How We Know What We Know: The Scientific Method 17

Chapter Review 21

Answering the Big Questions 21

Key Terms 21

Study Quiz 21

Evolution Review: Biological Anthropology as Science 22

Additional Readings 22