Contents

Boxes  xx
Preface  xxi

Chapter 1  What Is Anthropology?  2
What Is Anthropology?  5
What Is the Concept of Culture?  6
What Makes Anthropology a Cross-Disciplinary Discipline?  7
Biological Anthropology  8
In Their Own Words: Anthropology as a Vocation: Listening to Voices  9
Cultural Anthropology  10
Linguistic Anthropology  12
Archaeology  13
Applied Anthropology  13
Medical Anthropology  14
The Uses of Anthropology  15
In Their Own Words: What Can You Learn from an Anthropology Major?  16

CHAPTER SUMMARY  17
FOR REVIEW  17
KEY TERMS  17
SUGGESTED READINGS  18

Module 1: Anthropology, Science, and Storytelling  19
Scientific and Nonscientific Explanations  19
Some Key Scientific Concepts  21
MODULE SUMMARY  26
FOR REVIEW  27
KEY TERMS  27

Chapter 2  Why Is Evolution Important to Anthropologists?  28
What Is Evolutionary Theory?  30
What Material Evidence Is There for Evolution?  31
Pre-Darwinian Views of the Natural World  31
   Essentialism  31
   The Great Chain of Being  32
   Catastrophism and Uniformitarianism  33
   Transformational Evolution  35
What Is Natural Selection?  36
   Population Thinking  37
Contents

Natural Selection in Action 38
Unlocking the Secrets of Heredity 39
Mendel’s Experiments 40
The Emergence of Genetics 41
What Are the Basics of Contemporary Genetics? 41
Genes and Traits 42

Anthropology in Everyday Life: Investigating Human-Rights Violations and Identifying Remains 44
Mutation 46
DNA and the Genome 47
“There Is No ‘Race Memory’ in Biology, Only in Books” 49
Genotype, Phenotype, and the Norm of Reaction 49

In Their Own Words: How Living Organisms Construct Their Environments 51
What Does Evolution Mean? 53

CHAPTER SUMMARY 54
FOR REVIEW 54
KEY TERMS 55
SUGGESTED READINGS 55

Chapter 3  What Can Evolutionary Theory Tell Us about Human Variation? 56

What Is Microevolution? 58
The Modern Evolutionary Synthesis and Its Legacy 58
The Molecularization of Race? 60
The Four Evolutionary Processes 62

In Their Own Words: DNA Tests Find Branches but Few Roots 63
Microevolution and Patterns of Human Variation 66
Adaptation and Human Variation 68
Phenotype, Environment, and Culture 73

What Is Macroevolution? 74
Can We Predict the Future of Human Evolution? 78

CHAPTER SUMMARY 79
FOR REVIEW 79
KEY TERMS 80
SUGGESTED READINGS 80

Module 2: Dating Methods in Paleoanthropology and Archaeology 81
Relative Dating Methods 81
Numerical Dating Methods 84
Modeling Prehistoric Climates 89

MODULE SUMMARY 91
FOR REVIEW 91
KEY TERMS 91
Chapter 4  What Can the Study of Primates Tell Us about Human Beings?  92

What Are Primates?  94
Approaches to Primate Taxonomy  94
The Living Primates  95
Strepsirhines  96
Haplorhines  96

In Their Own Words: The Future of Primate Biodiversity  100
Flexibility as the Hallmark of Primate Adaptations  102
Past Evolutionary Trends in Primates  102

In Their Own Words: Chimpanzee Tourism  103

Primate Evolution: The First 60 Million Years  105
Primates of the Paleocene  105
Primates of the Eocene  105
Primates of the Oligocene  106
Primates of the Miocene  106
CHAPTER SUMMARY  108
FOR REVIEW  108
KEY TERMS  109
SUGGESTED READINGS  109

Chapter 5  What Can the Fossil Record Tell Us about Human Origins?  110

Hominin Evolution  112
Who Were the First Hominins (6–3 mya)?  112
The Origin of Bipedalism  112

In Their Own Words: Finding Fossils  116
Changes in Hominin Dentition  117
Who Were the Later Australopiths (3–1.5 mya)?  119
How Many Species of Australopith Were There?  120
How Can Anthropologists Explain the Human Transition?  121
What Do We Know about Early Homo (2.4–1.5 mya)?  121
Expansion of the Australopith Brain  122
How Many Species of Early Homo Were There?  122
Earliest Evidence of Culture: Stone Tools of the Oldowan Tradition  122
Who Was Homo Erectus (1.8–1.7 mya to 0.5–0.4 mya)?  124
Morphological Traits of H. erectus  125
The Culture of H. erectus  127
H. erectus the Hunter  127
The Evolutionary Fate of H. Erectus  129
How Did Homo Sapiens Evolve?  129
Fossil Evidence for the Transition to Modern H. sapiens  129
Where Did Modern H. sapiens Come From?  131
Contents

Who Were the Neandertals (130,000–35,000 Years Ago)? 131
Middle Paleolithic/Middle Stone Age Culture 133

In Their Own Words: Bad Hair Days in the Paleolithic: Modern (Re)Constructions of the Cave Man 134
Did Neandertals Hunt? 136
What Do We Know About Anatomically Modern Humans (200,000 Years Ago to Present)? 136
What Can Genetics Tell Us About Modern Human Origins? 138
The Upper Paleolithic/Late Stone Age (40,000–12,000 Years Ago) 139
What Happened to the Neandertals? 140
Upper Paleolithic/Late Stone Age Cultures 141

In Their Own Words: Women's Art in the Upper Paleolithic? 143
Spread of Modern H. Sapiens in Late Pleistocene Times 146
Eastern Asia and Siberia 146
The Americas 146
Australasia 147

Two Million Years of Human Evolution 147

Chapter 6 How Do We Know about the Human Past? 152

Archaeology 154
Surveys 156
Archaeological Excavation 159
Interpreting the Past 161
Subsistence Strategies 161
Bands, Tribes, Chiefdoms, and States 161
Whose Past Is It? 165
Plundering the Past 168
Contemporary Trends in Archaeology 169
Archaeology and Gender 169
Collaborative Approaches to Studying the Past 171

Anthropology in Everyday Life: Archaeology as a Tool of Civic Engagement 172

Cosmopolitan Archaeologies 174
CHAPTER SUMMARY 176
FOR REVIEW 177
KEY TERMS 177
SUGGESTED READINGS 177
Chapter 7  Why Did Humans Settle Down, Build Cities, and Establish States?    178

Human Imagination and the Material World   180
Is Plant Cultivation a Form of Niche Construction?   182
Animal Domestication   185
Was There Only One Motor of Domestication?   189
How Did Domestication, Cultivation, and Sedentism Begin in Southwest Asia?   190
  Natufian Social Organization   190
  Natufian Subsistence   191
  Domestication Elsewhere in the World   192
What Were the Consequences of Domestication and Sedentism?   194
In Their Own Words: The Food Revolution   196
What Is Social Complexity?   197
  How Can Anthropologists Explain the Rise of Complex Societies?   198
What Is the Archaeological Evidence for Social Complexity?   199
  Why Did Stratification Begin?   201
How Can Anthropologists Explain the Rise of Complex Societies?   202
In Their Own Words: The Ecological Consequences of Social Complexity   204
  Andean Civilization   205
CHAPTER SUMMARY   209
FOR REVIEW   211
KEY TERMS   211
SUGGESTED READINGS   211

Chapter 8  Why Is the Concept of Culture Important?    212

How Do Anthropologists Define Culture?   214
In Their Own Words: The Paradox of Ethnocentrism   215
Culture, History, and Human Agency   216
In Their Own Words: Culture and Freedom   217
In Their Own Words: Human-Rights Law and the Demonization of Culture   218
Why Do Cultural Differences Matter?   220
  What Is Ethnocentrism?   221
  Is It Possible to Avoid Ethnocentric Bias?   221
  What Is Cultural Relativism?   222
How Can Cultural Relativity Improve Our Understanding of Controversial Cultural Practices?   222
  Genital Cutting, Gender, and Human Rights   223
  Genital Cutting as a Valued Ritual   224
Module 3: On Ethnographic Methods  231

A Meeting of Cultural Traditions  231
Single-Sited Fieldwork  231
Multisited Fieldwork  233
Collecting and Interpreting Data  234
The Dialectic of Fieldwork: Interpretation and Translation  235
Interpreting Actions and Ideas  235
The Dialectic of Fieldwork: An Example  237
The Effects of Fieldwork  238
The Production of Anthropological Knowledge  240
Anthropological Knowledge as Open-Ended  241

MODULE SUMMARY  242
FOR REVIEW  242
KEY TERMS  242
SUGGESTED READINGS  242

Chapter 9  Why Is Understanding Human Language Important?  244

How Are Language and Culture Related?  246
How Do People Talk about Experience?  247

In Their Own Words: Cultural Translation  250

What Makes Human Language Distinctive?  250
What Does It Mean to “Learn” a Language?  252
How Does Context Affect Language?  252
How Does Language Affect How We See the World?  253
Pragmatics: How Do We Study Language in Contexts of Use?  255
Ethnopragmatics  255

What Happens When Languages Come into Contact?  256
What Is the Difference between a Pidgin and a Creole?  257
How Is Meaning Negotiated?  257

What Is Linguistic Inequality?  257
What Are Language Habits of African Americans?  258

In Their Own Words: Varieties of African American English  259

What Is Language Ideology?  260

Anthropology in Everyday Life: Language Revitalization  261
Contents

How Are Language, Culture, and Thought Connected? 264
  Perception 264
  Illusion 266
  Cognition 267

What Are Symbolic Practices? 268
How Are Symbolic Practices and Worldviews Connected? 269
  What Are Symbols? 269

In Their Own Words: The Madness of Hunger 270

How Are Selves Shaped by Symbolic Practices? 271

Anthropology in Everyday Life: Lead Poisoning among Mexican American Children 272

In Their Own Words: American Premenstrual Syndrome 274

CHAPTER SUMMARY 275
FOR REVIEW 276
KEY TERMS 277
SUGGESTED READINGS 277

Module 4: Components of Language 278

Phonology: Sounds 278
Morphology: Word Structure 278
Syntax: Sentence Structure 279
Semantics: Meaning 280

FOR REVIEW 281
KEY TERMS 281

Chapter 10 How Do We Make Meaning? 282

What Is Play? 284
  What Do We Think about Play? 284
  What Are Some Effects of Play? 284

What Is Art? 285
  Is There a Definition of Art? 285
  "But Is It Art?" 289

In Their Own Words: Tango 291
  "She's Fake": Art and Authenticity 292

What Is Myth? 293
  How Does Myth Reflect—and Shape—Society? 294
  Do Myths Help Us Think? 294

What Is Ritual? 295
  How Can Ritual Be Defined? 296
  How Is Ritual Expressed in Action? 296
  What Are Rites of Passage? 296

In Their Own Words: Video in the Villages 297
  How Are Play and Ritual Complementary? 299
  How Are Worldview and Symbolic Practice Related? 299
### Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter Summary</td>
<td>336</td>
</tr>
<tr>
<td>For Review</td>
<td>337</td>
</tr>
<tr>
<td>Key Terms</td>
<td>337</td>
</tr>
<tr>
<td>Suggested Readings</td>
<td>337</td>
</tr>
</tbody>
</table>

#### Chapter 12 How Do Anthropologists Study Political Relations? 338

- How Are Culture and Politics Related? 340
- How Do Anthropologists Study Politics? 342
  - Coercion 342
  - Power and National Identity: A Case Study 344
  - Can Governmentality Be Eluded? 346
- Anthropology in Everyday Life: Doing Business in Japan 348
- In Their Own Words: Reforming the Crow Constitution 347
- How Are Politics, Gender, and Kinship Related? 350
- How Are Immigration and Politics Related in the New Europe? 351
- Hidden Transcripts and the Power of Reflection 354
- In Their Own Words: Protesters Gird for Long Fight over Opening Peru's Amazon 356
- Anthropology in Everyday Life: Human Terrain Teams and Anthropological Ethics 359

#### Chapter 13 Where Do Our Relatives Come From and Why Do They Matter? 362

- What Is Kinship? 364
  - Sex, Gender, and Kinship 365
- What Is the Role of Descent in Kinship? 368
- What Roles Do Lineages Play in Descent? 369
  - Lineage Membership 369
  - Patrilineages 370
  - What Are Matrilineages? 372
- In Their Own Words: Outside Work, Women, and Bridewealth 373
- What Are Kinship Terminologies? 374
  - What Criteria Are Used for Making Kinship Distinctions? 374
- What Is Adoption? 375
  - Adoption in Highland Ecuador 375
  - European American Kinship and New Reproductive Technologies 376
Contents

How Does Organ Transplantation Create New Relatives? 378
Marriage 379
  Toward a Definition of Marriage 379
  Woman Marriage and Ghost Marriage among the Nuer 379
Why Is Marriage a Social Process? 380
  Patterns of Residence after Marriage 381
  Single and Plural Spouses 381
In Their Own Words: Two Cheers for Gay Marriage 382
How Is Marriage an Economic Exchange? 385
What Is a Family? 386
In Their Own Words: Dowry Too High. Lose Bride and Go to Jail 387
  What Is the Nuclear Family? 388
  What Is the Polygynous Family? 388
  Extended and Joint Families 389
In Their Own Words: Law, Custom, and Crimes against Women 390
How Are Families Transformed over Time? 390
  Divorce and Remarriage 390
How Does International Migration Affect the Family? 391
  Families by Choice 392
Anthropology in Everyday Life: Caring for Infibulated Women Giving Birth in Norway 393
In Their Own Words: Why Migrant Women Feed Their Husbands Tamales 395
Friendship 396
How Are Sexual Practices Organized? 396
  Ranges of Heterosexual Practices 397
  Other Sexual Practices 397
Sexuality and Power 400
  CHAPTER SUMMARY 400
  FOR REVIEW 402
  KEY TERMS 402
  SUGGESTED READINGS 403

Chapter 14 What Can Anthropology Tell Us about Social Inequality? 404

Inequality and Structural Violence in Haiti 406
  Gender 408
  Class 410
  Caste 412
  Caste in India 412
In Their Own Words: Burakumin: Overcoming Hidden Discrimination in Japan 413
In Their Own Words: As Economic Turmoil Mounts, So Do Attacks on Hungary's Gypsies 414
Chapter 15 What Can Anthropology Tell Us about Globalization? 436

What Happened to the Global Economy after the Cold War? 438
Cultural Processes in a Global World 439

In Their Own Words: Slumdog Tourism 441
Globalization and the Nation-State 442
Are Global Flows Undermining Nation-States? 442

In Their Own Words: Cofán: Story of the Forest People and the Outsiders 443
Migration, Transborder Identities, and Long-Distance Nationalism 444
How Can Citizenship Be Flexible? 446

Are Human Rights Universal? 448
Human-Rights Discourse as the Global Language of Social Justice 448
Rights versus Culture? 449
Rights to Culture? 450
Are Rights Part of Culture? 451

Anthropology in Everyday Life: Anthropology and Indigenous Rights 452
How Can Culture Help in Thinking about Rights? 454
Cultural Imperialism or Cultural Hybridity? 456
What Is Cultural Imperialism? 456
Cultural Hybridity 457

In Their Own Words: How Sushi Went Global 458
The Limits of Cultural Hybridity 459
Can We Be at Home in a Global World? 460