

Index

Numbers

14C (isotope carbon 14), 88
14N (nitrogen isotope 14), 88

• A •

- AAT (aquatic ape theory), 102
academic anthropology,
 career in, 339–340
accuracy, striving for, 216–219
adaptation. *See also* human
 adaptations
 artifacts and behaviors, 134
 defined, 241
 and ecology, 43–44
 extrasomatic means of, 23
 implications, 194–195
 as requirement of migration,
 134
adaptive radiation, defined, 64
adulthood, life stage of, 200
affines versus cosanguines,
 258
Afghanistan War, years of and
 deaths from, 288
Africa
 discovery of AMHs in,
 120–121
 origins of farming in, 161–162
 roots of human species in, 98
African burial ground,
 discovery in New York,
 324
African hominids, robusts and
 graciles, 102
African American slaves,
 archaeology of, 325–326
Agricultural Revolution,
 defined, 159
agriculturalists, kinship and
 gender among, 268
agriculture. *See also* farming
 age of, 170
 and human subsistence,
 169–170
AHs (Archaic *Homo sapiens*),
 118
Alaska
 winter feast in, 142
 On Your Knees Cave in, 139
American families, census
 data on, 258
American war deaths,
 statistics, 288
Americas, origins of farming
 in, 163–164. *See also* New
 World
AMHs (Anatomically Modern
 Homo sapiens sapiens)
 ancient spreading of, 135
 cranium of, 118
 discoveries of, 120–121
 emergence from Africa, 122
 versus Neanderthals,
 124–126
 postcranial bones of, 119
anatomical modernity,
 defined, 23, 118–119
anatomy, decoupling behavior
 from, 112
ancestry
 ambilineal, 263
 determining via DNA testing,
 315
 patrilineal versus
 matrilineal, 263
 versus race, 243
 tracking, 262
ancient civilizations, timeline,
 182
ancient human life,
 documentation of, 84
ancient human movement,
 studying, 95
ancient world, division of, 87
animals
 changes in, 305
 communication of, 222–224
 domestication, 148–149,
 153–155
 specialists versus
 generalists, 68
anthropological studies,
 conducting, 219–220
anthropologists
 disruptive presence of, 214
 lumpers versus splitters, 104
anthropology
 archaeology subfield of, 14
 careers in, 339–342
 cultural subfield of, 14–15
 defined, 11–12
 evolution of, 12
 foundation of, 24
 four fields of, 31–32
 goal of, 288
 history of, 20
 linguistics subfield of, 15–16,
 45–48
 methods, 16
 as mirror of humanity, 19
 movies and books, 343–346
 physical subfield of, 13
 subfields of, 13
antiquarianism, overview,
 26–27
antler and bone tools, use of,
 95–96
antler artifacts, focus
 in prehistoric
 archaeology, 44
apes
 dental formulas of, 60
 families of, 66
 orangutan of Borneo, 74
 origin and evolution of,
 65–66
 study in wild, 74
applied anthropology
 defined, 16–17, 29–30, 296
 and global culture, 53–54

- aquatic ape theory (AAT), 102
- archaeobotanists, work of, 84
- archaeological ethics,
principles of, 322
- archaeological sites. *See* sites
- archaeology
advances in, 328–330
of African American slaves,
325–326
essence of, 82
and evolution, 41–42
historic subfield of, 44–45
limit of, 42
as method, 16
origins of, 84
overview, 14
as part of
 palaeoanthropology, 38
 prehistoric subfield of, 43–44
 principles of, 41
 roots of, 26
 subfields of, 84
- archaeozoologists, work of, 84
- Archaic *Homo sapiens* (AHs),
118
- architectural monuments
construction of, 179
and state religion, 180
- Arctic
colonization of, 140–141
warming, 304
- armies, development of,
176–177
- artifacts
of Arctic people, 141
bone and antler, 95–96
classifying, 92
common types in ancient
 world, 94
defined, 23, 82
excavation of, 85
keeping track of, 90–92
pottery, 96
significance of, 83–85
stone, 94–95
time-specific periods of, 158
tracking by site grids, 91–92
- Asia, origins of farming in, 162
- assimilation
versus diffusion of culture,
202
of ethnic groups, 252
- occurrence of, 217
types of, 252
- audio communications, types
of, 224
- Australasia, colonization of,
136–137
- Australian coastline, changes
in, 135
- australopithecines
versus early *Homo*, 109
gracile hominids, 107–108
group size of, 127
robust hominids, 105–107
robusts versus graciles,
102–105
- Australopithecus boisei*,
discovery of, 111
- axes, early examples of, 95
- aye-aye, 62–63
- Aztec culture, agricultural
domestication in, 164
- **B** •
- BaAka Pygmies
Ejengi dance of, 193
study of, 53
- bands
description of, 171
power of, 283
social organization and
 subsistence, 172–173
- Barbarism stage, description
of, 174
- BC (before Christ),
significance of, 88
- BCE (before the Common Era),
significance of, 88
- bear remains, discovery in
Alaska, 139
- before present (BP),
significance of, 88
- behavior. *See also* cultural
 behavior; human
 behavior
 decoupling from anatomy,
 112
 decoupling from biology, 134
 impact of observation on,
 213
 linking to physical traits to,
 246
- behavioral elements, concept
of, 195
- behavioral modernity
defined, 23, 118
evidence of, 121–122
overview, 119–120
- Bergmann's rule, explanation
of, 242
- Beringia land bridge,
hypothesis about, 138
- Bible, reliance on, 33
- biocultural evolution, defined,
21, 38
- biological adaptations,
occurrences of, 241–242
- biological classification, origin
of, 59
- biological determinism,
defined, 246
- biological variation,
importance of, 247
- biology, decoupling behaviors
from, 134
- bipedalism
defined, 21
origins of, 99
pros and cons of, 99–100,
333–334
- bipeds, locomotion of, 74–75
- Black Skull, discovery of, 107
- Blombos Cave, stone tables in,
121–122
- body language and gesture,
overview, 47–48, 223
- bone, focus in prehistoric
archaeology, 44
- bone and antler tools, use of,
95–96
- bone fossilization, process
of, 58
- bonobos, locomotion of, 73
- books
Lord of the Flies, 346
Maps and Dreams, 345
The Places in Between, 345
*Shadows of Forgotten
Ancestors*, 345
We, the Navigators, 346
- Boxgrove site, discoveries at,
115
- BP (before present),
significance of, 88

- bracketing in sediments in age, 88–89
- brain. *See also* mind
 comparing to computer, 198–199
 comparing to hardware, 198–199
 of Neanderthals, 123
 size of, 119
 sizes in primate social groups, 127
- brain activity, mind as, 229
- Brody, Hugh
Maps and Dreams, 345
- Buhl skeleton, dating of, 139
- Bushmen, Lee's work with, 218
- C •
- camel, domestication of, 154
- carbon, measurement of, 88
- careers
 academic anthropology, 339–340
 contract archaeology, 342
 crime scene investigation, 340
 cultural anthropology, 340
 diplomacy, 341
 human resources, 340
 library science, 342
 medical examination, 340
 museum work, 341–342
 primate biology, 341
 primate ethology, 341
- carnivores, subsistence of, 101
- carnivory, defined, 67
- Carpenter's Gap rock art,
 discovery of, 136
- "Caucasian" remains,
 controversy about, 140
- cave art, concepts depicted in, 130. *See also* rock art
- cephalic index, applying to
 shape of head, 246
- chiefdoms
 description of, 171
 power of, 283–284
 social organization and
 subsistence, 172–173
- childhood, life stage of, 200
- chimpanzees, perception of,
 73, 79
- China, AMHs (Anatomically
 Modern *Homo sapiens*
sapiens) in, 120
- Christian Bible, reliance on, 33
- chronologies, establishing in
 archaeology, 41, 85
- Civil War, years of and deaths
 from, 288
- civilization
 armies and warfare, 176–177
 astronomy, 179
 beginning of, 165
 concept of, 174
 current, 185–186
 description of, 171
 and human subsistence,
 166–170
 of Incan empire, 184–185
 long-distance trade, 174–175
 mathematics, 179
 money, 177
 monumental architecture,
 179–180
 non-food production
 specialists, 178–179
 in Peru and Equador,
 184–185
 record-keeping and writing,
 175–176
 rise and fall of Egypt,
 181–184
 slavery, 177–178
 social organization and
 subsistence, 172–173
 social stratification, 175
 state religion, 180
 taxes, 181
 territorial sovereignty, 178
 timeline, 182
 urbanization, 174
 vassal tribute, 178
- class society, state as, 284
- classification, theory of, 59, 92
- climate change
 occurrence of, 304–306
 reducing, 306
 theories, 159
- Clovis-First theorists, beliefs
 of, 138
- coastal migration hypothesis,
 overview, 138–139
- cognatic versus unilineal
 descent, 262
- cognitive archaeology,
 defined, 121
- colonialism, overview, 25–26
- colonization
 of Arctic, 140–141
 of Australasia, 136–137
 of New World, 137–139
 of Pacific, 142–143
 of space, 309–310
- Coming of Age in Samoa*
 (Mead), 214
- Committee of Ethics,
 formation of, 26
- communication
 of animals, 222–224
 audio, 224
 in nonhuman animals, 46
 universal quality of, 192
 visual, 223
- conflict
 among small-scale societies,
 291–292
 in larger-scale societies,
 292–294
 occurrence of, 287
 resolving peacefully, 289
 scales and consequences,
 289–290
- consciousness, evolution of,
 128–130
- continents, shaping of, 135
- Cortez, Hernan, 164
- cross-cultural studies,
 engagement in, 209, 336
- CSI (crime scene
 investigation), career in,
 340
- cultural anthropology
 career in, 340
 as cultural critique, 214
 defined, 205
 and ethnocentrism, 206–207
 and human behavior, 50–51
 improvements in credibility
 of, 207–209
 in Kalahari desert, 218–219
 as method, 16
 in Minneapolis, 219
 overview, 14–15, 48–49
 and participant observation,
 51–52
 roots of, 24, 206
 versus sociology, 51

cultural assimilation
 and globalization, 297
 overview, 252

cultural behavior,
 characteristics of, 243.
See also behavior; human
 behavior

cultural ecology, explanation
 of, 42

cultural informants
 defined, 213
 motivations of, 218

cultural information, storage
 of, 198

cultural relativism, defined,
 21, 208, 288

cultural selection, overview,
 146

cultural versus instinctual
 information, 39

culture. *See also* group-
 specific information
 basis of, 38
 comparing to software,
 198–199
 versus cultured, 191
 defined, 36
 difficulty in defining, 189–190
 diffusion versus assimilation,
 202
 emic perspective of, 28
 encounters with, 192
 etic perspective of, 29
 evolution of, 40, 42, 203–204
 as extrasomatic adaptation,
 194–195
 functionalism of, 211
 innovation, 202–203
 internal changes in, 192
 and language, 231
 versus societies, 22
 and survival, 231
 transfer of, 335
 types of, 22–23
 understanding, 21
 universal qualities of, 192,
 194
 variations in, 248
 cutting implements, use of, 94

• D •

Darwin, Charles, 32, 97, 246

dating methods
 K-Ar, 88–89
 radiocarbon, 88
 radiometric absolute dating,
 87–89
 relative dating, 87
 stratigraphy, 85–86

datum, tracking artifacts
 by, 90

De Rerum Natura (Lucretius),
 278

deep symbol, defined, 131,
 225–226

demography, defined, 304

dental formulas
 of Old World monkeys, 64–65
 of primates, 60, 63

descent groups, functions of,
 261–262

developing world, working in,
 219–220

Diamond, Jared
Guns, Germs and Steel,
 147–148

Dier el Medina in Egypt,
 324–325

diets. *See also* food
 of folivores, 69–70
 of frugivores, 70
 of insectivores, 69
 of omnivores, 68

diplomacy, career in, 341

discoveries, classifying, 92–96

disease
 endemic versus epidemic,
 308
 occurrence and prevention,
 309

Dmanisi site, discoveries at,
 111–112

DNA (deoxyribonucleic acid)
 analysis of Iceman, 320
 decay over time, 316
 extracting from Neanderthal
 bones, 319
 significance of, 312–313
 testing, 315
 use of, 313–314

domestication. *See also*
 farming; horticulture
 of animals, 148–149, 153–155
 early centers of, 160
 farming as, 146
 and horticulture, 168
 of New World, 164
 of plants, 147–148

Donald, Merlin, 129–130, 237

Dunbar, Robin, 126, 236–237

• E •

early *Homo*. *See also* *Homo*
 genus
 versus australopithecines,
 109–110
 characteristics, 109–110
 discoveries at Olduvai
 Gorge, 110
 early dispersals of, 111–112
 group size of, 127

early modern *Homo sapiens*,
 group size of, 127

Earth's age, antiquarian view
 of, 27

Eastern Asia, origins of
 farming in, 162

ecological anthropologists,
 capabilities of, 306

ecological determination,
 impact on cultures, 191

ecological justice, overview,
 296

ecology and adaptation,
 considering, 43–44

Ecuador, ancient civilization
 in, 184–185

Edgerton, Robert G.
Sick Societies, 49

egalitarianism
 characteristics, 330
 focus in prehistoric
 archaeology, 44
 and foraging, 167
 perception of, 218

Egypt
 chronology and origins,
 182–183
 decline, 183–184

- excavations at Dier el Medina, 324–325
- farming in, 161–162
- flourishing, 183
- Herodotus in, 163
- emic perspective
defined, 28, 52
on religion, 278
- emic research, conducting, 212–214
- endangered species, primates, 78
- environmental determinism, defined, 166
- environments
adaptation to, 64
changes in, 300–301
changing via migration, 135
impact on body types, 242
impact on replication, 35
moving between, 35
- ethical issues, considering, 26
- ethical systems, universal qualities of, 192
- Ethiopia, discovery of AMHss in, 120
- ethnic cleansing, 250
- ethnic groups
assimilation, 252
description in U.S. military, 247
genocide, 253
legal protection of minorities, 252
long-term subjugation, 253
pluralism, 252
population transfer, 253
- ethnic identity, overview of, 251
- ethnicity versus race, 249–250
- ethnocentrism
defined, 15, 19, 49
as ethnographic characteristic, 25
versus relativism, 263
universal habit of, 288
- ethnographies
of Bronislaw Malinowski, 210
of colonialists, 25
defined, 25, 51
- perspectives of, 212
- roots of, 24
- ethnology, principles of, 37
- etic modernist approach, development of, 210–211
- etic perspective
application to BaAka Africans, 53
defined, 29, 52, 209
on religion, 278
- eugenics, practice of, 247
- Europe, AMHss (Anatomically Modern *Homo sapiens sapiens*) in, 120
- evolution
and archaeology, 41–42
as change, 299–300
concept of, 36
defined, 21
of human language, 233–237
as method, 16
as part of
palaeoanthropology, 37
process of, 34
versus speciation, 35
study of, 33
as theory, 33
- experimentation, importance of, 33
- exploration, glorification of, 143
- extended family, members of, 258–259
- extinction of species, occurrence of, 300
- extrasomatic means of adaptation, 23, 194–195
- **F** •
- families
hierarchical classification of, 59
organization of, 257–261
of origin versus procreation, 259
- family social group, members, 76–77
- family structure, universal qualities, 194
- famine
coping with, 308
occurrence of, 307–308
- farmers versus horticulturists, 150
- farming. *See also* domestication
defined, 145–146
as domestication, 146
domestication of animals in, 153–155
effects on society, 146–147
facilities and tools, 155–157
massive storage, 155
origins, 158–159
origins in Africa, 161–162
origins in Americas, 163–164
origins in Eastern Asia, 162
origins in Near East, 161
origins in Western Pacific, 163
requirements, 146–147
secondary products from, 157
theories of, 329
water control, 153
- features, defined, 84
- Fertile Crescent, location, 153, 161
- field studies, preparing for, 219–220
- finds, classifying, 92–96
- fire, use by *Homo erectus*, 114
- flood control, use in farming, 153
- Flores man fossils, discovery of, 115
- folivores, diets of, 69–70
- food. *See also* diets
availability and distribution of, 67
universal preferences, 194
requirements for survival, 166
- foragers
humans as, 133–134, 167
kinship and gender among, 266–267
- forced migration, occurrence of, 297–298

Fossey, Dian, 74, 343–344
 fossils
 classifying, 104
 defined, 82
 evidence of bipedal anatomy
 in, 98
 locations of, 38
 of primates, 58
 Frazer, James
 The Golden Bough, 210
 frugivores, diets of, 70
 functionalist conception,
 defined, 29, 193, 211

• G •

gender
 identity, 256
 and kinship, 266–268
 roles, 265
 versus sex, 264–265
 stratification, 265
 use in grammar, 230
 gene, association with
 violence, 293
 genera
 defined, 59
 survival of, 67
 genetic diversity, importance
 of, 247
 genetic relationships diagram,
 243–244
 genetics, study of, 313–314
 genocide
 defined, 250
 overview, 253
 genus
 defined, 35
 hierarchical classification
 of, 59
 gesture and body language,
 overview, 47–48, 223
 glacial refugia, defined, 139
 glaciers, melting, 305
 global cooling, beginning of,
 100
 globalization
 and cultural assimilation,
 297
 and ecological justice, 296
 and forced migration,
 297–298

 and nativistic movements,
 297
 overview, 295–296
 gods
 defined, 275
 in writings of Lucretius, 278
The Golden Bough (Frazer),
 210
 Golding, William
 Lord of the Flies, 346
 Goodall, Jane, 74
 gorillas, bodies of, 73
*Gorillas in the Mist: The Story
 of Dian Fossey*, 343–344
 gracile hominids
 anatomical characteristics,
 107–108
 as missing link, 108
 versus robusts, 102–105
 grammar
 adherence to, 228
 and syntax, 230
 greenhouse effect, occurrence
 of, 304
 Greenland, Thule expansion
 in, 141
 Grenada invasion, years of
 and deaths from, 288
 group-specific information.
 See also culture
 adaptation, 194–195
 behaviors, 195
 language, 197–198
 objects, 197
 values, 195–196
Guns, Germs and Steel
 (Diamond), 147

• H •

harems, members of, 77
 Hawking, Stephen, 310
 head shape, applying cephalic
 index to, 246
 herbivores, subsistence of,
 100
 herbivory, defined, 67
 Herodotus, 24, 163
 historical archaeology
 defined, 44–45, 322
 sites, 326–327
 and written history, 323
 historical time periods, 158

Hobbit fossils, discovery of,
 115
 holism, overview, 29
 hominid evolution
 anatomy, 102
 communication, 102
 factors and interactions,
 101–102
 language, 102
 offspring-rearing behavior,
 101
 resource distribution, 101
 sexual behavior, 101
 social behavior, 102
 subsistence mode, 102
 territoriality, 101
 tool use, 101
 and trophic levels, 100–101
 hominid fossils, discovery
 of, 39
 hominids, 37. *See also*
 Neanderthals
 characteristics of, 98, 105
 migration of, 121
 Multiregional Continuity
 Theory, 124
 timeline of, 106
 Hominoidea, 65–66
Homo erectus
 arrival in Flores, Indonesia,
 115
 characteristics, 113
 confrontational scavenging,
 114
 discovery of, 113
 group size, 127
 symmetrical stone tools
 made by, 114–115
 use of fire, 114
Homo genus, defined, 59. *See
 also* early *Homo*
Homo sapiens, 35, 66, 127
Homo sapiens sapiens, 22–23,
 66, 98
 age of, 165
 anatomical modernity,
 118–119
 behavioral modernity,
 119–120
 survival of, 67
 horticulturalists, kinship and
 gender among, 267–268

- horticulture. *See also*
 domestication; farming
 characteristics, 149–150
 garden, 150
 and human subsistence,
 168–169
 limited storage, 151–152
 of Maori, 151
 slashing and burning, 150
 versus state farming,
 152–153
- human adaptations. *See also*
 adaptation
 implications of, 194–195.
- human behavior. *See also*
 behavior; cultural
 behavior
 differences in, 191–192
 evolutionary approach
 toward, 50
 functionalist approaches
 toward, 50–51
 postmodern approaches
 toward, 51
 variations in, 248
- human genetics, study of,
 313–314
- human language. *See also*
 language; modern
 languages
 anatomy, 227
 being hard-wired for,
 230–231
 development of, 231–233
 evolution, 233–237
 importance to survival, 231
 overview, 222
 speaking and
 comprehension, 230
 as symbolic thinking, 234
 varieties, 235
- human learning, stages of, 201
- human origins, early study
 of, 246
- human population, statistic,
 301–302
- human race. *See* race
- human remains, oldest
 examples of, 140
- human resources, career in,
 340
- human rights, universal
 declaration of, 337
- human species
 evolution of, 40
 roots in Africa, 98
- human spoken language,
 characteristics, 227–228
- human subsistence
 and agriculture, 169–170
 foraging, 167
 and horticulture, 168–169
 pastoralism, 167–168
 and social organization,
 172–173
- human versus non-human
 symbolism, 224–226
- humanity
 changes through time, 21
 defined, 21–22
 evolution of, 21, 38
 investigation through
 religion, 12
 mirror of, 19
 study of, 11
- humans
 as animals, 333
 commonalities among, 20
 consistent anatomy of, 126
 evolution of, 36
 locomotion of, 73
 order, family, and genus
 of, 59
 social organization, 170–173
 spoken language of, 46
 variations among, 20
- hunting and gathering, 167
- hunting magic, depiction in
 cave art, 130
- Hutu, conflict with Tutsi, 250
- hypothesis
 basing on variables, 33
 in scientism, 28
- **I** •
- Ice-Free Corridor hypothesis,
 overview, 138
- Iceman find, dating, 319–320
- identity, importance of, 256
- igneous rock, description
 of, 94
- Incan empire
 chronology and origins, 184
 decline, 185
 flourishing, 184–185
 incest taboos, universal
 qualities of, 194, 259
- indigenous peoples,
 organization of, 297
- individuality
 defined, 50
 roots of, 256
- infancy, life stage of, 200
- inferiority, associating
 physical traits with, 246
- informants. *See* cultural
 informants
- Innocent Project, use of DNA
 by, 315
- insectivores, diets of, 69
- instinctual versus cultural
 information, 39
- intelligence, gauging, 119
- intelligence modules, 129
- Interstellar Migration and the
 Human Experience*, 309
- Iraqi Freedom war, years of
 and deaths from, 288
- Iron Age, beginning of, 87
- irrigation, use in farming, 153
- islands, location via star path
 navigation, 144
- isotope carbon 14 (14C),
 presence of, 88
- Israel, snail shells discovered
 in, 122
- **J** •
- justice systems
 ecological, 296
 universal qualities of, 192,
 294–295
- **K** •
- Kalahari desert, cultural
 anthropology in, 218–219
- Kant, Immanuel, 21
- K-Ar dating, defined, 88–89

Kennewick Man, dating of, 139–140

Kenya
fossils found in, 98

Koobi Fora project in, 39

kinship
of descent groups, 261
and gender, 266–268
of lineages, 261

Kivgiq festival, description of, 142

Kluckhohn, Clyde
“Mirror for Man”, 19

Koobi Fora research project, 39

Korean War, years of and deaths from, 288

Koyaanisqatsi, 344

!Kung of Kalahari desert, Lee’s work with, 218

• L •

Lake Mungo skeleton, discovery of, 136

language. *See also* human language; linguistic anthropology
defined, 45.
diversity, 235, 307
importance to culture, 197–198
linking to mind, 229–230
and metaphor, 336
origins, 126–128
power of, 229
preserving, 307
roots of human individuality in, 256

Sapir-Whorf hypothesis
of, 47
versus speech, 222
spoken, 46
symbolic nature of, 121

language theories
representing ideas, 237
social grooming, 236–237

Leakey, Louis, 74, 111

Leakey, Mary, 110–111

Leakey, Richard, 39

Levi-Strauss, Claude, 24, 211

Lewis-Williams, David
We, the Navigators, 346

library science, career in, 342

life, stages of, 200–201

linguistic anthropology, 45–48.
See also language
gesture and body language, 47–48
as method, 16
nonhuman animal communication, 46
overview, 15–16, 45–48
spoken language, 46

linguistic diversity, loss of, 306–307

Linton, Ralph
The Study of Man, 196

locomotion. *See also* primate locomotion
of bipeds, 74–75
of humans, 73
opportunistic, 73
types of, 71

loner social group, members of, 76

Lord of the Flies (Golding), 346

Lucretius
De Rerum Natura, 278

Lucy in the Sky with Diamonds, 108

Lucy specimen, bipedal anatomy of, 98

• M •

Madagascar
arrival of humans in, 64
aye-aye primate of, 63

Malaysians, colonization of, 25

Malinowski, Bronislaw, 210–211

Malthus, Thomas, 302

mammals, origin of, 58

Maori horticulture, overview, 151

Maps and Dreams (Brody), 345

marriage, overview, 260–261

Marxist approach, application of, 42

master race, problems with, 247. *See also* race

material culture
defined, 23, 50, 194
overview, 197

material versus supernatural world, 272–273

mathematics, evolution of, 179

matrilineal versus patrilineal ancestry, 263

matrilocal versus patrilocal residence, 263

Mead, Margaret
Coming of Age in Samoa, 214

medical examination, career in, 340

Melting Pot concept, 252

Mesolithic period, stone tools used during, 158

metamorphic rock, description of, 94

metaphor
and language, 336
versus simile, 226

metric system, use of, 91

Mexican War, years of and deaths from, 288

Mexico (Central), origins of agriculture in, 163

Middle East, historical archaeology site in, 327–328

migration
of culture, 202
forcing due to globalization, 297–298
history of, 135
and molecular anthropology, 314
reasons for, 134
tracking, 314

military in U.S., letter-identification system of, 247

- Milosevic, Slobodan, 250
- mimetic consciousness, defined, 129
- mind. *See also* brain
as brain activity, 229
linking language to, 229–230
- minorities
assimilation of, 252
legal protection of, 252
population transfer of, 253
- “Mirror for Man”
(Kluckhohn), 19
- Mitchen model of
consciousness, 129–130
- mitochondrial DNA (mtDNA)
differences in, 313
study of, 125, 313
- “Mitochondrial DNA and
Human Evolution,”
316–318
- mitochondrial DNA groups,
identification of, 318
- mitochondrial Eve, evidence
for, 125
- modern *Homo sapiens*. *See*
AMHss (Anatomically
Modern *Homo sapiens*
sapiens)
- modern languages, map of,
235. *See also* language
- modernist cultural
anthropology, practice of,
210–211
- modernity, anatomical versus
behavioral, 23
- molar teeth, description of, 68
- molecular anthropology
overview, 311–313
popularity, 314
problems with, 315–316
- monetary value, antiquarian
focus on, 27
- money system, development
of, 177
- monkeys
dental formulas of, 60
New World, 65
Old World, 64–65
in primate order, 60
- monotheistic religion, defined,
275, 281
- Monte Verde site, radiocarbon
dating of, 139
- monumental architecture
construction of, 179
and state religion, 180
- moral philosophy, discussions
of, 271
- moral versus aesthetic
judgment, 196–197
- movies
*Gorillas in the Mist: The Story
of Dian Fossey*, 343
Koyaanisqatsi, 344
Neanderthal, 344
Once We Were Warriors,
343–344
Quest for Fire, 344
- mtDNA (mitochondrial DNA)
differences in, 313
study of, 125, 313
- MtDNA haplogroups,
identification of, 318
- multicultural society,
coexisting in, 251
- multiethnic society, coexisting
in, 251
- Multiregional Continuity
Theory, 124, 126
- museum work, career in,
341–342
- mythic consciousness,
defined, 129
- mythos, universal qualities
of, 192
- N •
- names, importance of, 257
- Native Americans
17th-century European
image of, 207
controversy about
“Caucasian” remains, 140
hypothesis about, 138
- nativistic movements,
occurrence of, 297
- Nauwalabila rock art,
discovery of, 136
- navigation, *kavenga* (star
path), 144
- Neanderthal*, 344
- Neanderthals. *See also*
hominids
and AMHss (Anatomically
Modern *Homo sapiens*
sapiens), 124–126
fate of, 318–319
interbreeding of, 126
significance of, 122–123
- Near East
historical archaeology site
in, 327–328
origins of farming in, 161
- Neolithic period, stone tools
used during, 158
- Neolithic Revolution, defined,
159
- neolocal residence, defined,
263
- New World. *See also* Americas
coastal migration
hypothesis, 138–139
colonization of, 137–138
domestication of, 164
Ice-Free Corridor hypothesis,
137
- New World monkeys,
characteristics of, 65
- New York, African burial
ground in, 324
- nitrogen isotope 14 (14N),
presence of, 88
- North America, migration to,
138–139
- Norway, historical
archaeology site in,
326–327
- noyau social organization,
defined, 76
- nuclear family
defined, 209, 258
kinship diagram, 262
- nutrients, requirements for
survival, 166

nutrition levels
 carnivore, 101
 herbivore, 100
 primary biomass, 100
 scavenger, 101

• O •

objectivity
 attempt by Malinowski,
 210–211
 promoting, 209
 observation
 impact on results, 213–214
 in scientism, 28
 observer perspectives. *See*
 emic perspective; etic
 perspective
 occupational specialists,
 activities of, 178–179
 old age, life stage of, 200
 Old World monkeys
 characteristics of, 64–65
 groups of, 65
 Oldowan tools, dating, 112
 Olduvai Gorge, finds at, 110
 Olduvai Hominid 5, discovery
 of, 107
 Olympian religion, overview,
 280
 omnivores, diets of, 68
 omnivory, defined, 67
On the Origin of Species
 (Darwin), publication
 of, 97
 On Your Knees Cave, remains
 in, 139
Once We Were Warriors, 343
 Operation Iraqi Freedom,
 years of and deaths from,
 288
 oral tradition
 defined, 167
 memory aids for, 195
 orangutan of Borneo, study
 of, 74
 order, hierarchical
 classification of, 59
 Oregon site, radiocarbon
 dating of, 139

Origins of the Modern Mind
 (Mithen), 129
 “Others”
 people as, 20, 206
 study of, 24
 Out of Africa model, 124–125,
 317
 overpopulation
 hope for, 303–304
 problem of, 301–303

• P •

Pacific. *See also* Western
 Pacific
 arrival of Europeans in, 144
 colonization of, 142–143
 paired works, examples of, 214
 palaeoanthropology,
 overview, 37–38
 Palaeocene epoch, 53
 Palaeolithic period, stone
 tools used during, 158
 participant observation
 emic perspective of, 52
 etic perspective of, 52
 technique of, 50–51
 participant-observer
 concept of, 212
 presence of, 213
 parvorder, defined, 64
 patrilineal versus matrilineal
 ancestry, 263
 patrilocal versus matrilocal
 residence, 263
 Peninj Mandible, discovery
 of, 107
 perforating implements, use
 of, 94
 Persia, defeat of Egypt by, 183
 Persian Gulf War, years of and
 deaths from, 288
 Peru
 ancient civilization in,
 184–185
 historical archaeology site
 in, 326
 pheromones, role in
 communication, 223

Philippine Commission, report
 of, 25
 physical anthropology
 and biocultural evolution,
 38–40
 defined, 32
 DNA aspect of, 315
 overview, 13
 palaeoanthropology subfield
 of, 37–38
 primatology subfield of,
 36–37
 and racial types, 240–242
 physical traits
 associating with inferiority,
 246
 linking behavior to, 246
The Places in Between
 (Stewart), 345
 plants
 changes in, 305
 domestication of, 147–148,
 154–155
 Platyrrhini parvorder,
 defined, 65
 Pleistocene epoch, duration
 of, 100
 Pliocene epoch, duration of,
 100
 pluralism of ethnic groups,
 overview, 252
 politics, defined, 282
 polyandry, defined, 77,
 260–261
 polygyny, defined, 260
 Polynesians, voyages through
 Pacific, 142–143
 polytheistic religion, defined,
 275
 Pompeii premise,
 explanation of, 84
 Pongidae order, members
 of, 59
 pope, function of, 277
 population growth, reducing,
 303–304
 population pressure theories,
 overview, 159
 population transfer, overview,
 253

- populations, past divergence of, 313
- Portugal, skeleton discovered in, 126
- possession
absence in foraging, 167
emphasis in agriculture, 170
emphasis in pastoralism, 168
- postmodern philosophy
application of, 51
defined, 29
- postmodernism approach
application of, 42
influence on anthropology, 215
- pottery, use of, 96
- power
acquisition, 282
of bands, 283
of chiefdoms, 283–284
defined, 282
and social status, 282
of tribes, 283
wielding, 282
- prehistoric archaeology,
overview, 43–44
- The Prehistory of the Mind*
(Mithen), 129
- pre-moderns, 118
- priests, function of, 276–277
- primate biology, career in, 341
- primate ethology, career in, 341
- primate locomotion. *See also* locomotion
arboreal quadrupeds, 72–73
brachiators, 71–72
terrestrial quadrupeds, 73
VCLs (vertical-clingers-and-leapers), 72
- primate order
members of, 59, 61
origin of, 57–58
subgroups in, 60
- primate subgroups
apes, 65–66
New World monkeys, 65
Old World monkeys, 64–65
prosimians, 62–64
squirrel-cats, 62–64
- primates
behavior of, 76–77
characteristics of, 60–61
dental formula of, 60
fossils of, 58
global distribution of, 77–78
grooming behavior of, 127–128
mouths and teeth of, 68
prosimians as, 64
social groups of, 76–77
subsistence of, 67
threats to, 78
types of, 62
- primatology, overview, 36–37
- Proconsul africanus*, discovery of, 111
- property, attitudes toward, 172
- prosimians
characteristics of, 62–64
defined, 60
locations of, 64
as primates, 64
species of, 64
- provenience, keeping track of, 90
- pyramids, construction of, 179–180
- **Q** ●
- quadrupedal movement,
defined, 72
- Quest for Fire*, 344
- **R** ●
- race. *See also* master race
and American Anthropology Association, 249
versus ancestry, 243
classification, 247–248
defined, 240
defining, 243
versus ethnicity, 249–250
genetic differences, 243
perception of, 334
- racial typing, history, 245–247
- racism, as ethnographic
characteristic, 25
- radiocarbon dating,
defined, 88
- radiocarbon samples, sending to labs, 89
- radiometric absolute dating
error factor of, 89
K-Ar, 88–89
radiocarbon, 88
- Rappaport, Roy, 131, 226, 273–274, 295
- record-keeping and writing,
development of, 175–176
- records, providing for
artifacts, 90
- relative dating, 87
- relatives, cosanguines versus affines, 258
- relativism versus
ethnocentrism, 263
- religion. *See also* state religions
communal, 280
distribution worldwide, 281
function of, 270–271
monotheistic or ecclesiastic, 281
Olympian, 280
origins, 226
origins of, 277–279
power of, 271–272
and ritual, 273–274
shamanic, 280
- religious systems, common aspects of, 269–270
- Replacement theory
versus Multiregional Continuity theory, 126
overview, 124–125
- replication
defined, 34
occurrence of, 35
- Report of the Philippine Commission*, 25
- research, impact on results, 212–213
- research paradigm, classifying objects by, 92

- research pitfalls
 - individual versus group dynamics, 216–217
 - motivations, 217–218
 - time and space, 217
 - truth versus lies, 217
 - Revolutionary War, years of
 - and deaths from, 288
 - rites of passage, depiction in
 - cave art, 130
 - ritual
 - origins, 226
 - and religion, 273–274
 - roots of, 131
 - robust hominids
 - anatomical characteristics, 105
 - diet of, 105–106
 - extinction of, 107
 - versus graciles, 102–105
 - rock art, discoveries of, 136.
 - See also* cave art
 - rock layers, dating, 88–89
 - rocks, types of, 94
 - Ru and Hina, legend of, 142–143
 - ruins, focus in
 - antiquarianism, 26
 - rulers, transitions from
 - leaders, 329–330
- S ●
- sacred postulates
 - applied to justice systems, 295
 - role in religions, 271–272
 - Sagan, Carl, 310, 317, 345
 - Samoa, Margaret Mead’s study of, 214
 - Sapir-Whorf hypothesis, 47
 - Savagery stage, description of, 174
 - Savages, European concept of, 245
 - scavengers, subsistence of, 101
 - scientific method, use of, 208–209
 - scientism, overview, 27–29
 - selection, defined, 34
 - self-awareness, evolution of, 128–130
 - sex versus gender, 264–265
 - sexual maturity, life stage of, 200
 - sexual regulations, universal qualities of, 194
 - Shadows of Forgotten Ancestors* (Druyan and Sagan), 345
 - shallow symbol, defined, 131, 225
 - shamanic religion, overview, 280
 - shamanic voyages, depiction in
 - cave art, 130
 - shamans, function of, 275–276
 - Sick Societies* (Edgerton), 49
 - simile versus metaphor, 226
 - site grids, tracking artifacts by, 91–92
 - sites
 - defined, 83
 - examples of, 83
 - finding, 91
 - formation and transformation of, 84
 - investigation of, 86
 - preservation of, 86
 - “The Sixth Extinction,” 300
 - skeletal anatomy, study of, 37–38
 - Skhul Cave, snail shells
 - discovered in, 122
 - skin color
 - as adaptation, 241
 - map of, 242
 - skulls, Neanderthal versus AMHss, 123
 - Skulls 1470 and 1813, discovery of, 110
 - slashing and burning, 150, 169
 - slavery, systems of, 177–178
 - slaves in America,
 - archaeology of, 325–326
 - social assimilation, overview, 252
 - social Darwinism
 - belief in, 29
 - defined, 246–247
 - as ethnographic characteristic, 25
 - social fission, example of, 53
 - social grooming hypothesis, overview, 127–128, 236–237
 - social organization
 - bands, 171
 - chiefdoms, 171
 - and human subsistence, 172–173
 - of primates, 76–77
 - states/civilizations, 171
 - tribes, 171
 - social status, relationship to
 - power, 282
 - social stratification, overview, 175
 - society, cultural critique of, 214
 - society versus culture, 22
 - sociology versus cultural anthropology, 51
 - Soft Replacement, explanation of, 124
 - South Africa, stone tablets
 - discovered in, 121–122
 - space, colonization, 309–310
 - Spanish-American War, years of
 - and deaths from, 288
 - spatial understanding,
 - establishing in archaeology, 41
 - spears, discovery in Germany, 114
 - speciation versus
 - evolution, 35
 - species
 - defined, 35
 - extinction of, 300
 - hierarchical classification of, 59
 - nocturnal versus diurnal, 63
 - of prosimians, 64
 - survival of, 67
 - spectral tarsiers, behavior of, 67
 - speech versus language, 222
 - Sphinx of Egypt, construction of, 179–180

- spoken language,
characteristics, 46,
227–228
- state farming versus
horticulture, 152–153
- state religions, development
of, 180. *See also* religion
- states
conflict between, 292–294
description of, 171
power of, 284
social organization and
subsistence, 172–173
- Stewart, Rory
The Places in Between,
345
- stone
focus in prehistoric
archaeology, 44
types of, 94
- Stone Age, cultural conflict
in, 291
- Stone Age European tools,
study of, 93
- stone tablets, discovery in
Blombos Cave, 121–122
- stone tools
discovery at Dmanisi site,
111
early examples of, 95
periods used in, 158
symmetry of, 114–115
- strata, defined, 86
- stratigraphic sequence,
defined, 86
- structuralism, development
of, 211
- The Study of Man: An
Introduction* (Linton), 196
- subjugation, occurrence of, 253
- subsistence
of carnivores, 101
defined, 166
of herbivores, 100
of primates, 67
of scavengers, 101
- Sudan, historical archaeology
site in, 327
- Sumerians
excavations by, 26
farmer's almanac, 160
supernatural versus material
world, 272–273
- survival, requirements for, 166
- sustainability, defined, 167
- swidden farming, practice of,
169
- symbolic thinking, human
language as, 234
- symbolism
and behavioral modernity,
121–122
in cultural information, 50
defined, 23
non-human versus human,
224–226
roots of, 131
- syntax versus grammar, 230
- T •
- taboo, defined, 270
- Tanzania, fossils found in, 98
- taphonomy, study, 84
- Taung Baby, discovery of, 108
- taxes, collection of, 181
- teeth
of hominids, 98
types of, 68
- temperature, requirements for
survival, 166
- Tenochtitlan, agricultural
domestication in, 164
- terminology, development of,
208, 211
- terrestrial quadrupeds,
locomotion of, 73
- territorial sovereignty,
maintenance of, 178
- theoretic consciousness,
defined, 129
- theoretical framework,
development of, 208–209
- theory in scientism, defined, 28
- Third World, defined, 303
- Thule expansion, origin of, 141
- time
marking passage of, 88
study of, 85
- time periods
Mesolithic, 158
Neolithic, 158
Palaeolithic, 158
- titi monkeys, location of, 77
- toolmaking process, stages
of, 94
- tools
Oldowan, 112
study by Harold Dibble, 93
symmetry applied to, 112
- trade, engagement in,
174–175
- tribes
description of, 171
power of, 283
social organization and
subsistence, 172–173
- tribute, demands of, 178
- troops
defined, 73
members of, 77
- trophic levels
carnivore, 101
herbivore, 100
primary biomass, 100
scavenger, 101
- Tungus shaman photograph,
276
- Tutsi, conflict with Hutu, 250
- Twain, Mark
A Tramp Abroad, 229
- U •
- uniformitarianism, defined, 86
- unilineal evolution theories,
overview, 158–159, 174
- unilineal versus cognatic
descent, 262
- Universal Declaration of
Human Rights, 337
- urbanization, overview, 174
- U.S. military, letter-
identification system
of, 247
- V •
- vassal tribute, practice of, 178
- VCLs (vertical-clingers-and-
leapers), locomotion
of, 72
- verbs, defined, 230
- Vikings, historical archaeology
site of, 326–327

violence
 gene associated with, 293
 occurrence during Stone Age, 291
 vision quest, defined, 195
 vitalist theories, overview, 159

• W •

war
 occurrence of, 292–294
 types of, 293
 war deaths of Americans, statistics, 288
 War of 1812, years of and deaths from, 288
 warfare, engagement in, 176–177
 water, requirements for survival, 166
 water control, considering in farming, 153
We, the Navigators (Lewis-Williams), 346
 weather, volatility of, 304
 Web sites, 342
 AAA (American Anthropological Association), 342

African burial ground in New York, 324
 American Anthropology Association's position on race, 249
 Australian coastline changes, 135
 climate change, 305
 Crime Scene Investigators Association, 340
 Forced Migration Online, 298
 Genographic Project, 314
 indigenous issues, 297
 Koobi Fora field school, 39
 language phyla, 235
 Madagascar prosimians, 64
 National Association of Medical Examiners, 342
 "The Sixth Extinction," 300
 Society for Applied Anthropology, 53
 Western civilization, roots, 186
 Western Pacific, origins of farming in, 163. *See also* Pacific
 Western world, antiquarian focus on, 27
 wet site, defined, 93

world population, statistic, 301–302
 World Wars I and II, years of and deaths from, 288
 writing
 historical record of, 44
 and record-keeping, development of, 175–176
 written history, study of, 323
 Wushan Cave site, fossils discovered at, 111–112

• X •

x, symbolism of, 122

• Y •

Y-chromosome DNA, differences in, 313
 Y-chromosome haplogroups, identification of, 318