

Index

Figures and boxes appear in italics.

- abandonment 142–3, 196–9, 213–15, 277
 burning associated with 134, 170, 210–12, 238, 253, 255
 drought and 200–1, 235–8
 Great Abandonment 199–200
 sociopolitical reasons for 204–7
see also migration
- acculturation 275
- Acoma Pueblo
 disguised kiva 273
 ethnographic present 234
 origins 264
 sacking of 270
 sociopolitical organization 257, 262, 267
- Adams, E. Charles 209, 230–1, 238, 244, 246
- Adams, Karen 203
- Adler, Michael 165, 201
- aggregation
 Cibola region 176–7, 213–15
 conflict and 171
 Kayenta region 177–8
 Mesa Verde region 159, 166–71
 northern Rio Grande region 179
 sociopolitical organization and 171–6
- agriculture
 environmental effects of 203
 farming populations 197, 198
 feedback loop with sedentism and population growth 60–3, 84
 horticultural strategies 239–41
 introduction of cultivated plants 56, 57
 Southwest growing conditions 31
 water-control features 81, 85, 124, 152–4, 167, 168, 180
- Akins, Nancy 99–100, 170, 172
- Albert Porter 161
- Ambler, J. Richard 264
- American Southwest, *see* Southwest
- analyses
 macrofloral 203
 mortuary 243–4
 pottery trace-elements 246, 251
 skeletal
 cranial deformation 223
 dentition 143
 evidence for patrilocal postmarital residence 172
 evidence of migration 211, 258–60
 evidence of trauma 170–1, 199, 254–5
 health and 203–4, 241
- Anasazi 8, 11–12
 meaning of 9–10
 pithouses 12
see also Basketmaker; Chaco tradition; Kayenta Anasazi; Puebloans; Virgin Anasazi
- ancient ones 10
- animals
 Chihuahuan Desert 37
 Colorado Plateau 32
 domesticated 73, 232, 241
 game animals 56, 85, 202, 241, 247
 Ice Age megafauna 53
 Mogollon Highlands 35
 Sonoran Desert 39
 Southern Rocky Mountains 34
- Animas River 162
- Animas tradition 189
- Antiquities Act of 1906 8
- Apaches 271
- archaeological past, *see* past, archaeological
- archaeology, theory and method 4
- Archaic cultures 54–7
- architecture
 communal
 ceremonies and 63, 75, 95, 110, 114, 121 (*see also* kivas)

- defensive 166, 213, 217, 220, 253
 duality in 95, 112, 120, 173
 labor investment in 95–101
 move to above-ground structures 11, 67–70
 multi-ethnic 209, 210
see also specific building types
 arrowheads, *see* projectile points
 Arroyo Hondo 241, 249
 artifacts
 caches of 94
 depicting ceremonies 64
 non-utilitarian 10, 95
 revealing ethnic identity 61, 74, 84
 see also specific artifact types
 assassination 139
 astronomy 95–6
 Athapaskans 200; *see also* Apaches; Navajos
 Atsinna Pueblo 214
 autonomy 131, 141, 158
 of communities 152
 of households 166, 175, 206, 224
 Awar'ovi 246, 251
 Aztec 135, 141, 160–1, 174, 265
 Aztec West 136
 burials 161
 map 160
 positional legitimation 162
 tree-ring dates 161
 Aztec empire 1
- Bailey Ruin 209, 220, 221
 ballcourts 183, 184–5, 188, 189
 Wupatki 154, 155
 Barnes, Ethne 260
 Basin and Range province 35
 Basketmaker 57
 rock art 63, 64
 Bat Cave 58
 beans 31, 58
 Bernardini, Wesley 246
 Betatakin 225
 Big Men 65
 Billman, Brian 44, 140
 birds
 macaws 94, 120, 154, 184, 251
 cages 186
 depicted in rock art 252
 symbolism of 63
 turkeys 73, 232, 241
Bison antiquus 53, 54
Bison bison 54, 247
- Bis sa'ani 104
 Black Mesa 59
 map 25
 paleoenvironmental sequence 41–4, 49
 Blinman, Eric 75, 152
 bone artifacts 230
 boundaries 219
 societal 1, 4
 Tewa-Keres 265
 Bowyer, Vandy 203
 Bradfield, Richard 23, 40, 41, 50
 Bradley, Bruce 174
 Bradley, Ronna 184
 Brown, David E. 24
 burials
 Aztec 161
 Casas Grandes 143, 193–4
 Chaco tradition 99–100, 139
 Dan Canyon child 205
 of dogs 73
 Grasshopper Pueblo Burial 140 223, 231
 Hawikku 242–4
 Kechiba: wa 243
 Magician Burial 153, 263
 Mimbres tradition 118, 122–3, 142–3, 148
 Old Town, Burial 18 122
 Sand Canyon Pueblo 170
 unburied skeletons 253
 see also analyses, skeletal
- calendar, ceremonial 64
 cannibalism 140, 170
 Casa Estrella 103
 Casa Negra 129
 Casa Rinconada 90
 Casas Grandes 181–6, 191
 burials 143, 193–4
 core area 188
 end of 251–3
 inner zone 186–8, 192
 origins 188–94
 positional legitimation 162
 pottery 192
 Castle Rock Pueblo 171
 rock art 171, 172
 Catholic church
 conversion of indigenous peoples 268, 275
 encomienda system and 271
 Cebolleta Mesa 199
 pottery 131
 ceramics, *see* pottery

316 Index

- ceremonies 63–5, 151, 225–32
 communal architecture and 63, 75, 95,
 110, 114, 121 (*see also* kivas)
 extra-community ceremonialism 246
 hiding of 275
 prestige building 193, 194, 245
- Cerrillos Hills
 lead mines 250
 turquoise mines 75, 251
- Chacoan communities, *see* great house
 communities
- Chaco Canyon
 climatic regime 43
 maize production model 97, 98
 precipitation 98
 sedimentary geology 81
- Chaco Meridian 162, 190
- Chaco revival cult 174
- Chaco tradition 76–80, 87, 148–55,
 157–8, 180
 architecture 68
 burials 99–100, 139
 contrasts with Mimbres tradition 123
 end of 126, 135–9, 141
 flow of commodities into 106, 107–10
 influence of 101–7, 110, 129–35
 missionaries 104
 sociopolitical organization 104, 111–12,
 131, 133, 135–9
see also great house communities; great
 houses
- Chaco Wash 79
- Chama, New Mexico 34
- Chama River 59, 238
- Chamberlin, Matthew 251
- Chapalote popcorn 58
- Chavez Pass 238
- Chetro Kettle 88, 89, 95, 127
- Chichilticale 263
- Chihuahuan Desert 7, 37, 38, 83, 181,
 181
 maize cultivation 58
- Chimney Rock 46
- Chinle drainage 29
- Chinle Wash 207
- Chodistaas 210, 210
- Chuska Mountains 29, 77, 92
- Chuska pottery 108
- Cibola region, aggregation 176–7,
 213–15
- clans 224–5, 242, 257, 262–3
- cliff dwellings 163
- Cliff Palace 163
- climate
 archaeological preservation and 7
 definition 40
 of the Puebloan Southwest 24–7
 religious influence over 135–9
see also environment; paleoenvironment;
 weather
- climate change 200–1
 tenth and eleventh centuries 125
 twelfth century 145–6
 thirteenth century 168
 as a context for cultural change 23–4,
 41, 50–1, 277
- Clovis 53–4
- Colorado Plateau 4, 30, 29–32, 46
 rock art 62
- Colorado River 4, 39
- communalism 157
- competition
 peer-polity competition 104, 109, 152,
 192
 prestige-oriented ceremonial
 displays 193, 194, 245
 vs. cooperation 19, 100
- conflict
 Contact era conquest and
 colonization 268–70
 pre-Contact 65–7, 169, 170–1,
 199–200, 254–5
 assassinations 139
 cannibalism 140, 170
 defensive architecture and 166, 213,
 217, 220, 253
 with immigrants 220–2
 Pax Chaco 112
- construction methods
 adobe 143, 156, 157, 183
 jacal 67, 68, 191
 masonry 13, 67, 79, 88, 135–7
 wattle-and-daub 67
- Contact era
 changes in sociopolitical
 organization 273–6
 conquest and colonization 268–70
 (*see also* specific Spanish explorers)
 encomienda system 271
 religious conversion of indigenous
 peoples 268, 275
 vs. protohistoric era 255–8, 261
- Convento site 157
- cooperation 168
 vs. competition 19, 100
- copper 94, 109, 154, 186
- coprolites 82, 140, 205
 parasites in 167
- corn, *see* maize
- Coronado, Francisco Vásquez de 268
- Corruccini, Robert 259
- cotton 31, 146, 147, 153, 154

- Creamer, Winifred 178, 254
 Creel, Darrell 70, 146
 crops, domesticated, *see* agriculture
 Crown, Patricia 19
 cultural change
 climate change as a context for 23–4,
 41, 50–1, 277
 cultural ecology 17–18
 cultures of the American Southwest,
 archaeological naming of 9–10

 Dan Canyon, burial 205
 dating
 of archaeological sites 16
 tree-ring dates 100, 161
 Dean, Jeffrey 44, 45, 199, 207
 debts
 social 97–9, 123
 deconstruction 18
 Deming, New Mexico 35
 dendroclimatology 44, 49
 dentition 143
 depopulation, *see* abandonment
 Di Peso, Charles 182, 183, 190, 193,
 252
 direct historical approach 16
 diseases 241, 270
 anemia 203, 204
 parasites 167
 see also health
 diversity, ethnic 217
 dogs 73
 Dolores River 74
 doors, T-shaped 191
 Douglas, John 189
 Doxtater, Dennis 95
 drought 43, 125, 139, 145–6
 abandonment and 200–1, 235–8
 Great Drought 43, 49
 dry farming 63
 Duckfoot site 70, 71
 Duff, Andrew 214, 245
 Durand, Kathy Roler 95
 Dutton Plateau 77

 East Community 80
 Edge of the Cedars 102, 104
 egalitarian ethos 206, 232
 Eleventh Hour site 141, 148
 Elias, Scott A. 24
 El Malpais, paleoenvironmental
 sequence 48, 48–9
 El Morro Valley 214, 228
 El-Najjar, Mahmoud 259
 empirical observation 16–17
 encomienda 271

 entradas, *see* Contact era, conquest and
 colonization
 environment
 environmental zones 4
 human impact on 135, 166, 201–3,
 241, 247
 impacting human behavior 40
 see also climate; paleoenvironment
 ethnographic present, *see* present,
 ethnographic
 ethnography 16
 exchange, *see* trade
 Ezzo, Joseph 211, 222

 factionalism 134, 140, 206
 Fajada Butte 95
 Fajada Gap 79, 90
 families
 extended 70
 nuclear 70
 farming, *see* agriculture
 farming/foraging lifeway 61
 Feinman, Gary 65
 Ferguson, Cheryl 265
 fieldhouses 72, 144, 145, 180
 Fish, Paul 189
 Fish, Suzanne 189
 Flores Mogollón, Juan Ignacio 9
 Folsom 54
 Force, Eric 81
 Ford, John 2
 Four Corners 1, 2
 Fourmile Ruin 209
 Fowler, Andrew 95, 101
 Fritz, John 95
 Funkhouser, Gary 44

 Galaz site 115, 144
 Galisteo Basin 179, 219, 238, 249–51
 Gallina Highlands 199
 gender roles 19, 72–4, 118
 Gila River 9, 35, 39, 83
 Gilman, Patricia 59, 67, 113, 122
 Goat Hill site 211
 Goodman Point 129, 151
 Grand Canyon 29
 Gran Quivira 227, 232, 247, 248, 251
 Grasshopper Plateau 34
 Grasshopper Pueblo 212
 abandonment 235
 Burial 140 223, 231
 ceremonial areas 227
 evidence of conflict 222
 immigrants 210–11
 sociopolitical organization 220–2, 223,
 225–31, 232

 Galaz site 115, 144
 Galisteo Basin 179, 219, 238, 249–51
 Gallina Highlands 199
 gender roles 19, 72–4, 118
 Gila River 9, 35, 39, 83
 Gilman, Patricia 59, 67, 113, 122
 Goat Hill site 211
 Goodman Point 129, 151
 Grand Canyon 29
 Gran Quivira 227, 232, 247, 248, 251
 Grasshopper Plateau 34
 Grasshopper Pueblo 212
 abandonment 235
 Burial 140 223, 231
 ceremonial areas 227
 evidence of conflict 222
 immigrants 210–11
 sociopolitical organization 220–2, 223,
 225–31, 232

318 Index

- Graves, William 251
 Graybill, Donald 44
 Great Abandonment 199–200
 Great Drought 43, 49
 great house communities 103, 105, 101–7,
 149–51; *see also* specific great house
 communities
 great houselets 131
 great houses
 beams 92
 tree-ring dates 100
 construction methods 78, 79–80,
 88–91, 98
 labor investment in 95–101
 maps 80, 90, 103
 McElmo structures 128, 127–8,
 141
 remodeling of 127–8, 148, 161, 180
 use of 80–2, 91–5
see also specific great houses
 Great Pueblo period 163
 Grey, Zane 2
 Grissino-Mayer, Henri 48, 48–9
 groundstones 56, 83
 Guadalupe 149, 150, 180
 Gummerman, George 12
- Haas, Jonathan 178
 Habicht-Mauche, Judith 249–51
 Halona: wa, *see* Zuni Pueblo
 Hano 220, 274; *see also* Hopi
 Harris, Arthur 73
 Hawikku
 architecture 239
 burials 241, 242–4, 254, 258–60
 regional status 246
 site plan 240
 sociopolitical organization 254
 Spanish contact 268
 Hays-Gilpin, Kelley 19, 118
 health
 maize and 241
 skeletal analysis and 203–4, 241
see also diseases
 Hegmon, Michelle 144, 146
 Herr, Sarah 132–4
 Hill, Jane 118
 Hillerman, Tony 2
 Hillside Ruin 180
 hinge points 12–15, 277
 Hohokam 8, 9, 10–11, 12, 39
 Holocene era 54
 Homol'ovi villages 208, 209, 226, 238,
 244
 origins 195
 trade with Hopi 246
- Hopi
 language 263
 Oraibi 24, 239, 246
 split 23–4, 40, 41, 50–1
 origins 195, 260–3
 sociopolitical organization 257, 262,
 267
 trade with Homol'ovi villages 246
 villages 25, 234
 Hopi Mesa 244; *see also* Black Mesa
 Hosta Butte 106
 House of the Dead 193
 Hovenweep 46
 Howell, Todd 243–4
 Hoy House 163
 Hubbard site 137
 Huckleberry, Gary 44
 humans
 early habitation in the New World 52,
 53
 environment impacting behavior 40
 impact on the environment 135, 166,
 201–3, 241, 247
 Hungo Pavi 88, 99
 hunter-gatherers 56
 hunters, big game 53
 Hurst, Winston 104
- Ice Age 52
 megafauna 53
 identity, ethnic 211
 in artifact designs 61, 74, 84
see also multi-ethnicity
 immigrants/immigration 74, 76, 85, 110,
 220; *see also* abandonment;
 migration
 individual agency 19
 inferences, interpretation based on
 15–16
 intervisibility 178
 Isleta Pueblo 277
- Jemez Mountains 32, 76
 Jemez Pueblo 234, 261
 origins 258
 Jornada del Muerto 37
 Joyce Well site 189
- Kachina Cult 235, 239, 245, 262–3
 building unity 254
 origins 230–1
 spread of 241
 Kantner, John 111, 134, 140, 170
 Karlstrom, Thor 41
 Kayenta Anasazi 154, 196
 Kayenta–Tusayan fusion 207–9

- Kechiba: wa 243, 244, 246
 Keres
 language 261
 origins 264
 Pueblos 234
 sociopolitical organization 257, 262, 267
 Kiet Siel 177, 177, 207, 224
 Kin Bineola 103
 kin groups
 competition between 104, 192, 193
 genetic distinction of 100, 243
 sociopolitical ranking of 99, 253
 see also clans; kinship; moieties
 Kin Kahuna 60
 Kin Kletso 128
 kinship
 ambilineal 70, 112
 clans 224–5, 242, 257, 262–3
 land rights and 167
 matrilineal 72–4, 76, 112, 244, 257–8, 260
 patrilineal 70–4, 112, 172
 see also kin groups
 Kintigh, Keith 151–2, 177, 214, 243–4, 246
 Kin Ya'a 134, 134, 149
 kivas
 blocked-in 88, 127, 148
 disguised 273
 D-shaped 166, 174, 210, 211, 265
 great kivas 88–90, 91, 103, 133, 132–3, 174
 hierarchy in 225–31
 lack of 224
 plaza kivas 209, 210, 244
 proto-kivas 69
 standardization of 173–5
 tower kivas 134, 134, 169
 tri-wall construction 135–7, 138
 unroofed 151, 154
 see also ceremonies
 Kohler, Timothy 72, 169
 Kutz Canyon 106

 LA 3852 179
 Laguna Pueblo 234, 257, 262, 274, 277
 Lamour, Louis 2
 landscape of the American Southwest 2
 Lang, Richard 73
 languages 260–1
 basal Tanoan 264
 Hopi 263
 Keres 261
 Tewa 234, 261, 265–6
 Tiwa 234, 261, 266

 Towa 234, 261, 265
 Zuni 260
 lead (mineral) 250
 leadership
 in the ethnographic present 266–7
 hereditary 99
 mortuary analysis and 243–4
 social evolution of 20, 56, 65, 124
 of sodalities and kin groups 244
 see also religious authorities;
 sociopolitical organization;
 sodalities
 LeBlanc, Steven
 on Keresan towns 264
 on Mimbres culture 120, 142
 pre-Contact conflict 65, 170
 defensive architecture and 213, 238, 253, 254
 Lekson, Stephen
 on Aztec 141, 162
 on Chaco culture 95, 101, 109, 112, 149, 190
 on Hubbard Site 137
 on McElmo structures 127
 on Mimbres culture 120
 pre-Contact conflict 170
 on Woodrow Ruin 131
 Levy, Jerrold 40, 50
 life expectancy 203
 Lightfoot, Kent 65
 Lion House 163
 Lipe, William 196
 Little Colorado River 238, 246
 Little Ice Age 47, 167, 201, 240
 Lobo Mesa 92
 pottery 131
 Long House 202
 Long House Valley 178
 looting, *see* vandalism

 macaws 94, 120, 154, 184, 251
 cages 186
 depicted in rock art 252
 Mackey, James 258, 265
 Maiz de Ocho 67, 84
 maize
 Chaco Canyon production model 97, 98
 Chapalote popcorn 58
 cultivation 31, 57, 58
 health and 241
 Maiz de Ocho 67, 84
 maize, beans, and squash, *see* Upper Sonoran Agricultural Complex
 manos 84
 Manuelito Canyon great houses 151

320 Index

- marriage
 clan exogamous 257
 postmarital residence
 bilocal 274
 matrilocal 274
 patrilineal 172
 village endogamous 257–8
- Martin, Debra 170, 172, 241, 254
- Mathien, F. Joan 109
- Mattocks site 115
- Maude, Frederic Harner 24
- McElmo structures 128, 127–8, 141
- McKusick, Charmion 73
- McPhee Village 75
- medicine societies 262–3; *see also*
 sodalities
- Medieval Warm Period 46
- Merriam's wild turkey 73
- Mesa Verde 202
 abandonment 196, 207
 aggregation 160, 161–6
 pottery 141, 161
 sociopolitical organization 74, 171–6
- Mesa Verde region
 paleoenvironmental sequence 47, 46–8
- metates 84
- migration
 of Chacoan elites 190
 destinations 204–12, 215–19
 end of 143–4
 stories of 87, 195
 water sources and 215
see also abandonment;
 immigrants/immigration
- Mills, Barbara 212
- Milo, Richard 49
- Mimbres River 37, 82
- Mimbres River Valley 83
- Mimbres tradition
 architecture 83–4, 113–16, 155, 157–8,
 180
 burials 118, 122–3, 142–3, 148
 contrasts with Chaco tradition 123
 irrigation farming 124
 pottery
 Classic black-on-white 117, 119,
 116–20, 142, 146, 147
 Postclassic 156
 settlement patterns 142–4
 sociopolitical organization 83–6, 120–4,
 146–8
see also specific sites
- Minnis, Paul 82, 185, 187, 192–3, 194
- mixed conifer forests 32
- mobility, *see* migration
- models
 Chaco Canyon maize production 97, 98
 pull vs. push aggregation 167
 rational choice 169
- Mogollon 9, 10, 11–12, 13, 59, 223
 pithouses 12
see also Mimbres tradition
- Mogollon Highlands 7, 29, 34–5, 36, 58,
 114
- Mogollon Mountains 9, 83
- Mogollon Rim 34, 209–12
- moieties 112, 120, 173, 257–8; *see also*
 clans; kin groups; sociopolitical
 organization
- monsoons 27
- Monument Valley 2, 3, 29
- Mormon tea 205
- mortuary practices, *see* burials
- Motsinger, Thomas 250
- Mound of Offerings 193
- Mount Taylor 29, 92
- Muddy Water 134, 149
- Muench, David 2
- Mug House 163, 165, 173
- multi-ethnicity
 in pottery 209, 222–4
 in towns 209–12, 219, 222–5
see also identity, ethnic
- Mummy Lake 163
- naming of cultures of the Southwest 9–10
- NAN Ranch 116, 120, 121, 122, 143,
 144
- Navajo North 132
- Navajos 9
- Neitzel, Jill 222
- Nelson, Margaret 123, 144, 146, 156
- New World, early inhabitants of 52, 53
- Niza, Fray Marcos de 268
- obsidian 128, 186
- O'Keeffe, Georgia 2
- Old Town 70, 85
 Burial 18 122
- Oñate, Juan de 270
- Oraibi 24, 239, 246
 split 23–4, 40, 41, 50–1
- oral traditions
 battle with Kianakwe people story 159
 destruction-of-evil stories 126
 migration stories 87, 195
 origin stories 52, 233
 remembering the Chaco tradition 174
- Ortman, Scott 74
- outliers, *see* great house communities

- Pajarito Plateau 179, 217, 238
 paleoenvironment
 diversity through time 40–4
 reconstructions 42, 46–9
 Black Mesa 41–4, 49
 El Malpais region 48, 48–9
 Mesa Verde region 47, 46–8
 northern Rio Grande 49
 Pleistocene–Holocene transition 55
 San Francisco Mountains 49
 Paleoenvironmental Group 41–4
 Paleoindians 52–4
 palisades 65
 Palkovich, Ann 99
 Paquimé, *see* Casas Grandes
 past, archaeological
 interpretation based on
 inferences 15–16
 linked to ethnographic present 2–4, 91, 276
 Patayan 9
 Pax Chaco 112
 Pecos Pueblo 251, 255, 256, 261, 265, 270
 pottery 249
 Peñasco Blanco 79, 81, 99
 rock art 111
 Perry, Elizabeth 221
 Petersen, Kenneth 40, 47, 46–8, 201
 Petroglyph National Monument 242, 252
 phratries 257; *see also* clans; kin groups; moieties; sociopolitical organization
 physiographic provinces 28
 Chihuahuan Desert 38, 35–9
 Colorado Plateau 30, 29–32
 Mogollon Highlands 7, 29, 34–5, 36, 58, 114
 Sonoran Desert 39–40
 Southern Rocky Mountains 33, 32–4
 Picuris Pueblo 234
 pilgrims/pilgrimages 93, 95, 110, 138, 193
 Pilles, Peter 153
 Pima 9
 piñon-juniper woodlands 32, 34, 35
 Piro 267
 pithouses 11, 12, 13, 59–67, 70–4, 78–9
 plant communities
 Chihuahuan Desert 37
 Colorado Plateau 32
 Mogollon Highlands 35
 Sonoran Desert 39
 Southern Rocky Mountains 34
 platform mounds 183, 188
 Point of Pines 211, 238
 political economy and practice theory 19
 political organization, *see* sociopolitical organization
 politics 141, 149
 peer-polity competition 104, 109, 152, 192
 population
 contraction 239, 245, 270–3
 density 7
 growth 161–6
 feedback loop with sedentism and farming 60–3, 84
 Poshuouinge 238
 Posi 233
 post-Chaco era 154–5
 post-Ice Age 53
 postmodernism 18
 postprocessualism 18
 Pot Creek Pueblo 217, 218
 Potter, James 221, 228, 232
 pottery
 analysis of
 temper 108
 trace-elements 246, 251
 coal firing 209
 glaze painted 247–51 (*see also* specific wares)
 introduction of 61
 multi-ethnic 156, 209, 222–4, 228
 quality of 149
 trade 75, 169
 vessel forms 11, 94, 107
 Pottery Hill 209
 power, *see* leadership; sociopolitical organization; status, social
 precipitation
 annual patterns 7, 26, 45
 bimodal 39, 44
 unimodal 27, 44
 averages 7
 storms
 convection 27
 orographic 27, 34
 variability patterns 41
see also climate
 present, ethnographic 234–5
 definition 235
 linked to archaeological past 2–4, 91, 276
 sociopolitical organization and 257–8, 262–3, 266–7
 preservation of the archaeological record 7–8
 priests, *see* religious authorities

322 Index

- processual archaeology, *see* cultural ecology
- projectile points 54, 56, 202, 231
- protohistoric era 233, 235–41, 245–7, 253–5
- vs. Contact era 255–8, 261
- Prudden, T. M. 70
- Prudden unit pueblo 70
- Pueblo Alto 88, 91, 93, 141
- Puebloans
- architecture 67–70
 - contemporary populations 236
 - origins 52, 67
 - sociopolitical organization 70–6
 - towns 237, 272
 - see also* Anasazi; Mimbres tradition
- Pueblo Bonito 5, 78, 82, 89
- artifacts 94, 94
 - burials 259
 - construction dates 141
 - construction sequence 80, 88, 99
 - core-veneer masonry style 79
 - plaza dividing wall 112
 - population estimates 93
- Pueblo Colorado 247
- Pueblo del Arroyo 88, 137, 141
- Pueblo de los Muertos 213, 213, 221
- Pueblo Indians, *see* Rio Grande Pueblos; Western Pueblos; specific Pueblos
- Pueblo Revolt 270
- Puye 239, 258–9
- ramadas 69
- Ramos Polychrome 184
- ranking, ascriptive 193
- Rattlesnake Point 246
- Ravesloot, John 193
- Red Mesa Valley 104
- religious authorities
- decision-making 74
 - duties 64
 - shamans 63
 - social ranking of 99, 138, 175, 193, 223 (see also sodalities)
- religious practices
- Acoma Pueblo 262, 273
 - conversion of indigenous peoples 268, 275
 - Hopi 262
 - influence over climate 135–9
 - Keres 262
 - Laguna Pueblo 262
 - present, ethnographic 262–3
 - shamanism 63
 - Tanoan Pueblos 262
 - Zuni 262
 - see also* ceremonies
- residence, postmarital
- bilocal 274
 - matrilocal 274
 - patrilocal 172
- Riley, Carroll 253
- Rio Casas Grandes 37, 183
- Rio Grande 4, 32, 129, 215
- northern paleoenvironmental sequence 49
- Rio Grande Pueblos
- Eastern Pueblos 234
 - origins 59, 178–80
 - see also* specific Pueblos
- Rio San José 59
- rituals, *see* ceremonies
- roadways 106, 149, 162
- rock art
- Basketmaker 63, 64
 - Castle Rock Pueblo 171, 172
 - Colorado Plateau 62
 - macaws 252
 - Peñasco Blanco 111
 - Petroglyph National Monument 242, 252
- rockshelters 56, 58
- Rocky Mountains 4
- Roney, John 131
- roomblocks
- street-oriented 239
 - see also* aggregation; architecture
- Rushforth, Scott 50
- Russell, Charles 2
- Sacramento Mountains 37, 219
- Saitta, Dean 139
- Salado 9
- Salado Polychrome 229, 228–30
- Salinas Pueblos 239
- Salinas region 227, 247
- Salmon Ruin 102, 129, 130, 162, 169
- Salt River 9, 35, 39
- San Andres Mountains 37
- San Augustin Plains 34
- San Cristobal 241, 254
- Sand Canyon 129, 151, 167
- Sand Canyon Pueblo 165, 165–6, 170, 173–5, 196, 224
- Sandia Pueblo 274, 276
- San Francisco Peaks 29
- paleoenvironmental sequence 49
- San Francisco River 83
- Sangre de Cristo Mountains 32
- San Juan Basin 29, 77, 77, 92, 199

- San Juan Mountains 46, 77
 San Juan River 46, 129
 San Marcos Pueblo 250, 250, 254
 San Mateo Mountains 77
 San Pedro Valley 211
 Santa Fe, New Mexico 270
 Santo Domingo Pueblo 270
 Sapawe 239
 Schillaci, Michael 172, 259–60
 Scribe S 176, 176, 213
 Sebastian, Lynne 96–9, 100, 109
 sedentism, feedback loop with agriculture
 and population growth 60–3, 84
 Seven Cities of Cibola 268
 Shabik'eshchee Village 59, 65, 66, 78
 Shafer, Harry 120, 121, 142, 146
 shamanism 63
 shell artifacts 94, 154, 184, 251
 sodalities and 230, 231
 Showlow Ruin 238
 shrines 113
 Sierra Madre 181
 Silver City, New Mexico 35
 Silver Creek 209, 238
 Sinagua 9, 153
 sipapus 69
 sisters, three, *see* Upper Sonoran
 Agricultural Complex
 Site 242 187, 187
 Site 724 79
 Site 1398 168
 sites, relative dating of 16
 Skibo, James 189
 social organization, *see* sociopolitical
 organization
 social status, *see* status, social
 sociopolitical organization
 thirteenth-century abandonment 204–7
 fifteenth century 241–5
 competitive ceremonials and 231–2
 Contact era changes 273–6
 ethnographic present and 257–8
 lack of 215, 238
 lessons learned 276–8
 multi-ethnic towns 209–12, 219, 222–5
 origins 2, 4, 20, 219
 reactions to immigrants 220–2
 see also leadership; religious authorities
 sodalities 175, 230, 232, 242, 258,
 262–3
 building unity 254
 Grasshopper Pueblo 223, 230–1
 shell artifacts and 230, 231
 Sofaer, Anna 96
 Sonoran Desert 7, 39–40, 58, 253
 Sonoran statelets 253
 Southern Rocky Mountains 33, 32–4
 Southwest 2, 4, 6
 Southwestern Cult 228–31, 251
 Spanish Contact, *see* Contact era
 spear-throwers 56
 Spielmann, Katherine 251
 squash 31, 58
 status, social
 ascriptive ranking 193
 development of 76
 equality in 175
 hereditary 122
 inequality in 87, 97–9, 124, 161, 220–2,
 253
 ceremonies promoting 232
 of refugees 220–2
 of women 172
 see also religious authorities;
 sociopolitical organization
 Stein, John 95
 stewardship 8
 Stodder, Ann 204
 Stojanowski, Christopher 172, 259
 storage of food surpluses 59, 63, 69, 84
 storms
 convection 27
 orographic 27, 34
 subsistence behavior
 big game hunters 63
 hunter-gatherers 56
 mixed farming/foraging lifeway 61
 see also agriculture
 Sun Dagger 95–6
 Sunset Crater 153
 Sun Temple 174, 174
 surpluses of food 75
 movement of 104
 storage of 59, 63, 69, 84
 Swarts Ruin 113, 115
 Table Rock 246
 Tanoan languages
 basal Tanoan 264
 Tewa 234, 261, 265–6
 Tiwa 234, 261, 266
 Towa 234, 261, 265
 Tanoans 234, 257, 262, 264–6, 267
 Taos Pueblo 5, 92, 234, 266
 Teague, Lynn 146
 temporal patterns 12–15
 teosinte grass 58
 Tewa–Keres boundary 265
 Tewa language 234, 261, 265–6
 Tewa people 233, 260

324 Index

- theoretical orientation
 combination of approaches 19–20
 cultural ecology 17–18
 direct historical approach 16
 empirical observation 16–17
 political economy and practice
 theory 19
 postprocessualism 18
 Thompson, Marc 118
 Tijeras Pueblo 254
 timelines 14
 Tiwa language 234, 261, 266
 Tla Kii Pueblo 133
 Tompiro 267
 Tornillo Rockshelter 58
 Towa language 234, 261, 265
 towers 171, 174
 trade
 decline in 128, 152, 253
 flow of commodities into Chaco 106,
 107–9
 networks 84
 Casas Grandes 184–6, 192, 251
 between Hopi and Homol'ovi 246
 Mesoamerican 190
 Mimbres 120, 123
 of surpluses 75
 Tsankawi 259
 Tsegi Canyon 199
 Tsegi-style orange pottery 211
 Tsin Kletzin 127
 Tsiping Pueblo 216, 217
 Tularosa Basin 37
 turkeys 73, 232, 241
 Turner, Christy 140, 143
 Turner, Jacqueline 140
 turquoise
 artifacts 65, 94, 154, 186, 220
 from Cerrillos mines 75, 251
 Una Vida 79, 88, 128
 Upham, Steadman 50, 91, 271
 Upper Sonoran Agricultural Complex 58
 Utes 200
 vandalism 8, 85, 113, 117
 Van Dyke, Ruth 104, 106
 Van Keuren, Scott 229
 Van West, Carla 169, 201
 Varien, Mark 131, 166, 201
 vegetation communities, *see* plant
 communities
 Villa Ahumada 188
 violence, *see* conflict
 Virgin Anasazi 196, 207
 Walker, William 189, 253
 Wallace Ruin 202
 Walsh, Michael 180
 Ware, John 112
 warfare, *see* conflict
 water
 control features 152–4, 167, 180
 check dams 168
 irrigation canals 85, 124
 masonry dams 81
 sources
 migration and 215
 weather 40; *see also* climate
 Western Pueblos 234
 West Great Houselet 131
 Whalen, Michael 185, 187, 192–3, 194
 Whiteley, Peter 50
 Wijiji 127
 Wilcox, David 141, 154
 Williams, Jerry L. 24
 Wills, W. H. 100
 Wilshusen, Richard 74
 Wilson, Dean 152
 Windes, Thomas 93
 witches 140
 women
 as leaders 243
 social status and violence 172
see also gender roles; status, social
 wood artifacts 95
 Woodrow Ruin 131
 Woods Canyon 161
 Wupatki 152, 152, 154, 155
 Zeilik, Michael 96
 Zuni language 260
 Zuni Mountains 77
 Zuni Pueblo
 architecture 149, 214
 depopulation 271
 origins 234, 260, 263
 sociopolitical organization 257, 262, 267