

INDEX

- Abel-Rémusat, J.-P., 183
 Achaemenid period, 206, 208
 Achilles, 284
 action theory, 10
Aedui, 340
 Aegean
 collapse of royal palaces in, 201
 Neolithic transition of, 71–72
 Aetolia, 287
 Agade, 100
 Agamemnon, 284
agathois, 286
 age of enclosure, 15
 Age of Enlightenment, 195
 agency theory, 243–244
 agents, 250–251
 agglomeration. *See* social agglomeration-control
 agglomeration, 106–109
agglomérations secondaires, 272
 Agios Petros, 282
 Agni, 341–342
agora, 281, 286
 agriculture
 emergence of, 132
 in Near Eastern civilization, 200
 population increase and, 110
 pre-domestic, 68
 Akkadian dynasty, 100
 Akkadian language, 185, 186
 Alaça Höyük, 75
 Albegna valley, 313–314. *See also* Etruria
 Alesia, 345
 Alexandrian period, 185
 Alexandropol, 234
 alphabet, 42, 201
altepetl, 161
 Alyattes, 235
 Ambigatus, 326
 Amenemhet III, 190
 Amenophis III, 188
 Amos, 187
anaktorā/anaktoron, 301, 340
 Anatolia, 200, 201, 235
 Anaximander, 353
 Anaximenes, 353
 ancient civilizations
 Egypt in the Axial Age, 183–196
 elite burials in First Millennium BC China,
 211–222
 Near Eastern civilization, 198–209
 tumuli and, 225–237
 ancient economies, 139–146
 embedded economies, 139–140
 Mesoamerican, prehispanic highland,
 141–145
 modern economies and, inaccurate notions of,
 141
 substantivist-formalist (primitivist-modernist) debate
 on, 140–141
 ancient societies, 158
 Andalusia, 76, 77
 Andes, 165
 Angkor, 82, 100
 Ano Mazaraki-Rakita, 287
 Anquetil-Duperron, H., 183
 anthropomorphic figurines, 115
 Antiquity, 194, 336–337
 Apennines, 291, 295
 Apolianka, 117
Apollo, 337–338
 Apollo Daphnephoros, 286
 Apulia, 295
 Aquitania, 395
 Archaeminid system, 201
 Arcadia, 287
 archaeological theory, 251
 Arene Candide, Liguria, 72
Argenomagus, 339
 Argentina, 337–338
 Argos, 282, 286
 Aristotle, 47–48
 Arles, 76
 Arras Culture, 402
 Arslan Tepe, 75
 Arzachena group, 74
 Asia Minor, 266
 Asiatic societies, 158
 assembly houses, 92
 Assiut, 190
 Assurbanipal, King, 187
 Assyria, 206, 266, 268
Athēnaioi, 280

- Athens, 30
 burial sites, 234
 city-state concept of, 268
 inhabitants, 268
 Mycenaean period, 282
 settlement pattern, 285
- Attica, 268
- Aude, 76
- augur*, 338
- Augustus, 342
- Aulnat, 271
- Aussiedlung*, 113
- Australopithecus*, 27
- Axial Age, 5, 23, 24, 183–184, 387
 cultural memory and, 192–196
 elites and, 205
 in temperate Europe, 353–356
- axis mundi*, 28
- Aztec
 archaeological urban attributes, 161–162
 market system, 144–145
- Babylon, 194–195, 208
- Bad Dürkheim, 331
- Baden culture, 226
- Baden-Württemberg, 357
- Balsignano, 72
- Bamako, Mali, 169–170
- Baragiano, 294, 298
- Basel, 271
- basileis*, 283–285
- Basilicata, 295
- Basse-Yutz, 383, 384
- Bavaria, 400
- Beals, Ralph, 144
- Bell-Beaker Complex, 78
- Bell-Beaker culture, 58, 60, 67, 112
- Besaçon, 273
- Bettelbühl necropolis, 329, 357
- Bhagavadgita, 193
- Bibracte*, 338
- big bang, 128
- big history, 128–129
 big bang and, 128
 complexity and, 129–132
 definition of, 127
 early state formation and, 132–136
 energy extraction and, 133
 Goldilocks principle and, 129–132
 reasons for using, 127–128
 theory, 129–132
- Bilbilis, 268
- Bin Tepe, 235
- Binford, Lewis, 24
- Bir Massouda, 258
- Bisbal, 74
- Black Sea region, 234–235
- Bodako, 87
- Boeotians, 267
- Bohemia, 247, 250
- Boian, 99
- Bonu Ighinu Culture, 74
- Book of Amos*, 228
- Book of the Dead, 189
- bothroi*, 339
- bóthros, 336–337, 342
- Bourges
 agglomeration, 325–326
 Early La Tène settlement, 326
 Late Hallstatt settlement, 326
oppida, 273
 surviving tribe or state, 273
- brain, power density of, 131
- Brandopferplätze*, 386, 387
- Braudel, F., 140
- bronze, 137
- Bronze Age, 185–188
 Atlantic, 400
 Early Bronze Age, 187–188, 201, 204
 Heuneburg area's social developments, 137
 Late Bronze Age, 15, 187–188
 contraction of interacting area in, 201
 flat graves, 226
 iron technology in, 199
 Mycenaean hegemony in, 282
 third urbanization in, 204
 tumuli, 226
 warrior steeles, 60
 Middle Bronze Age, 187–188, 201, 204
 population dynamics in, 112
 responsibility in, 206–207
 warrior aristocracy, 58, 60
- Buddhism, 353
- burial sites
 chariot burials, 363
 cremation burials, 363
 Early Iron Age Europe, 329, 385
 in First Millennium BC China, 211–222
 grave no. 251 in Jinshengcun (Shanxi), 212–221
 burial practices, 218
 change in Chinese society, 217–218
 chariot and horse pit, 217
 clothing and objects of the deceased, 216–217
 everyday objects in, 219
 grave as reflection of the house of the living, 219–221
 joint burials, 215–216
 layout of burial structure, 212–214
mingqui (objects for the souls), 218–219
 ritual assemblage, 214–215
 Hohmichele burials, 231
 Homeric burials, 227
 inhumation burials, 363, 400–403
 Theban burials, 187
 warrior burials, 284
 Butmir settlement areas, 114
 Byblos, 266

- Cáceres, 256
 Cádiz, 258, 266, 268
Caeculus, 341–342
 Cahokia, 82, 100
 Calydon, 345
 Campania, 295
 Campin Bajo, 258
 Can Gamburg, Catalonia, 67
 Capilco, 161–162
 capital cities, 165
 capitalist societies, 158
 Capote, 340
 car, invention of, 3
 Caramany, 74
 caravan, 201
 Cardial Culture, 72, 73
 Carinthia-Syria, 227
 Carneiro, R., 134–135
 Carthage, 255, 258, 266, 268
 Carthage, 268
 Casale Marittimo, 306
 Caserna San Pau, Barcelona, 74
 Castelnovien, 72
 Castelnuovo di Berardenga, 313
 Çatal Hüyük, 71
Catalogue of Ships, 282
 Catalonia, 74, 76
 Caucasus, 226
 Causses, 76
 cave art, 28
 Cayönü, 68, 69
 Celtic culture. *See Keltiké*
 Celtization, 393
 cemeteries, 74
 Central America, 132
 Central Europe
 Mediterraneanisation of, 357
 Neolithic period, 29
 Prehistoric, 109
 Central Mediterranean, 67
ceramica impressa, 72, 73
 ceramics, Champagne, 397
 Cerro del Villar/bay of Málaga, 260
 Certomlyk, 234–235
 Cerveteri, 233, 314. *See also* Etruria
chaîne opératoire, tectonic phase, 28
 Chaisson, E., 127, 130–131
 Chalcolithic barrows, 226
 Chalcolithic social hierarchy, 77
 Chaldean dynasty, 208
 Champagne
 ceramic production in, 397
 cultural identity of, 396–398
 funerary customs, 394
 Hallstatt identity of, 396
 chaos-complexity theory, 251
 chariot burials, 363
 chariots, 217
 chemical elements, 128
 Chianti, 313. *See also* Etruria
 children
 language development in, 43–44
 post-reading, 45–46
 pre-reading, 45
 China
 ancient civilizations in, 23
 Axial Age cultures of, 194
 early state formation in, 132
 early urban centers in, 165
 Chiusi, 308. *See also* Etruria
 Chorreras, 260
 Christian, D., 127
 Cilicia, 69
 Cine Cómico, 258
 cist graves, 74
 cities
 capital, 165
 definitions of, 154–156
 economic, 164–165
 emergence of, 11
 European, typology of, 158
 political, 164–165
 regal-ritual, 165
The City in Modern Africa (Miner), 178–179
 city-states (*polis*)
 birth of, 204–205
 development of, 5–6
 in Greece, 30, 185, 245
civitas, 273, 346
civitates, 265, 273
 Civitella Benazzone, 314
 Civitella d'Arna, 314
 Classic Maya, cities, 165
 Claudii clan, 247–248
 clay anthropomorphic figurine, 83–85
 Clermont-Ferrand, 271, 273
 climate change, 136
 Co Loa, 82, 99
cogito ergo sum, 58
 cognitive archaeology, 24–26
 community, 30–32
 depiction and self-image in, 33–34
 future directions, 34–37
 major concepts or areas, 26
 material engagement approach, 26
 measure, 28–29
 planning, 29–30
 pre-*sapiens* cognition phase, 26
 sapiens cognition phase, 26
 speciation phase, 27–28
 value, 32–33
 cognitive evolution, tectonic phase of, 27
 coinage, 29
 Col di Marzo, 314, 315
 Colline Metalifere, 306, 315
 colonisation, 266

410 INDEX

- commensal politics, 295–300
 complexity, 129–132
 Confucianism, 193
 Confucius, 5, 217, 353
 consonant, 43
coppe ioniche, 311
 copper, 128, 137
 Copper Age cemetery, 33
 Corded Ware, 112
 Corfu, 72
 Corinth, 285
 Corsica, 74
 Cortona, 306
Cosmic Evolution (Chaisson), 130
 cremation burials, 363
 Crete, 187–188
 Croesus, King, 235
 Cucuteni groups, 83, 116
 Cueva de Menga, 76
 Cueva del Romeral, 76
 Cuexcomate, 161–162
 cultural memory, 192–196
 currency bars, 29
 Cyclades, 71
 Cyclopes, Youra, 71
 Cyprus, 69–70, 200
 Cyrene, 337–338
- Dacii*, 338
 Danube, 115–116
 Daoism, 193
Decinius, 338
 decorations, 381–382
 Decumanus Maximus, 258
deilo, 286
 Deluge, 206–207
 diacritical festivals, 300–301
 diffusionist model, 265–266
Dii, 346
 Dikili Tash, 71
 Diviaticus, 338
 dividual identity, 9
 Djadé, Syria, 69
 Djenné, Mali, 172
 Dnieper, 116
 Dniester, 100, 116
 Dobrovody, 117
 Doganella, 313
 Doric Migration, 187–188
 Drays stadial period, 68
 Dreros, 285
dromos, 233
 Dürrenberg, 384
 Dürrenberg bei Hallein, 269
- Early Bronze Age, 75, 187–188, 201, 204
 Early Celtic art, 370
 circular patterns, 374–375
 figural images, 375
 Glauberg, 376–379
 images of heads, 375–376
 lotus blossoms, 372
 spouted flagons, 373
 Early Chalcolithic sites, 114, 115–116
 Early Iron Age, 207
 barrows, 227–228
 Bourges, 325–326
 Central European, 247, 250, 319–333
 early cities and states in, 328–331
 elite burials, 329, 385
 end of settlement, 331–333
 Glauberg, 326–328
 Heuneburg, 136–137, 320–324
 Mont Lassois, 324–325
 ornament patterns in, 380
 settlements in, 329
 social transformation in, 248–249
 Southern Italy, 291–301
 urban centres, 319–320
 vegetational history, 328–329
 Early La Tène culture, 109, 380–389
 Celtic art, 370
 changes in temperate Europe and, 385–387
 context, 383–384
 description of, 380–381
 distribution of design elements, 384–385
 expansion of interactions and, 387
 fibulae, 398–399
 First Iron Age and, 398–403
 Fürstensitze, 12
 material features of, 394
 origins of, 394–395
 proto-urban settlements, 113, 119
 swords, 400
 visual and cognitive properties of, 382–383
 Early Neolithic, 74
 early state formation, 127–134, 137
 big history and, 132–136
 Early Iron Age Heuneburg, 136–137
 in Eurasia, 135
 in Mesopotamia, 127
 religions and, 136
 surplus production and, 135–136
 transition from autonomous farmer societies to,
 133
 Earth, 129
 East Hallstatt Circle, 233
 ecological psychology, 382
 economic cities, 164–165
 Egibi, 208
 Egypt, 268
 Bronze Age, 185–188
 coined money in, 201
 early state formation in, 132
 early urban centers in, 165
 iron technology in, 200

- Renaissance, 188–192
 urbanization in, 266
- Ehrenbürg, 113
- Eigenbilzen, 371
- ekklésiastérion*, 286
- El Barranquet, Valencia, 72
- Elias, N., 132
- Elis, 287
- Elissa, Princess, 258
- elites
 Axial Age, 205
 burial sites, 357–364
 Early Iron Age Europe, 329, 385
 in Mont Lassois, 359
 elite burials, in First Millennium BC China, 211–222
 extra-palatine, in Near Eastern civilization, 205
 grave no. 251 in Jinshengcun (Shanxi), 212–221
 non-palatine
 in Greece, 205
 in Israel, 205
 palaces, 295–300
 vocabulary of, 286
- embedded economies, 139–140
- Emmer, 70
- emotional detachment, 53
- emporia*, 266
- English language
 importing Latin words into, 46
 vowel sounds in, 43
- Entermont, 340
- Epirus, 268
- Eretria, 283, 286
- eschára*, 342
- escharai*, 340
- escharon*, 340
- esthloi*, 286
- ethne*, 268
- ethnos*, 287–288
- Etruria, 247–248, 304–316
 communities, 309–315
 Albegna valley, 313–314
 Cerveteri, 311
 Chianti, 313–314
 Chiusi, 314
 Perugia, 314–315
 Tarquinia, 310–311
 Veii, 309–310
 Vulci, 313
 Early La Tène culture and, 381
 Final Bronze Age society in, 308
 formation of Roman Republic, 249
 general trends, 308–309
 landscape, 306–308
 material culture, 305
 metallurgy, 306, 315
 political landscape of, 304, 308
- Etruscans, 305
- Euboeia, 227, 245
- Euphrates, 68
- Eurasia
 development of city-states in, 5–6
 materials of complexity in, 3–17
 state formation in, 135
 tectonic plates, 129
 transportation in, 3–17
 urbanization and centralized control in, 11–14
- Europe, emergence of state-level societies in,
 11–12
- Exodus, 187, 192
- Favella, 72
- feudal societies, 158
- fibulae, 345, 353, 382, 383, 384, 398–399
- figurines, 115
- Final Mesolithic, 74
- Final Neolithic, 77
- First Book of Kings*, 229–230
- First Intermediate Kingdom, 190
- First Iron Age, 398–403
- flagon, 375
- Flaxweiler, 362–363
- Fletcher, R., 82
- foggara*, 200
- Forest Neolithic Groups, 100
- Fox, R., 157, 165
- Franca Villa Marittima, 295
- Frankfurt Stadtwald, 229
- Frankfurt-Oberard, 328
- French Annales School of History, 244
- Freud, Sigmund, 189
- “full” writing systems, 41
- Fünen, 226–227
- Fürstengräber*, 33, 357, 358, 364, 365
- Fürstensitze*, 12, 24, 29, 31, 33, 112, 270, 319–320, 328, 331,
 332–333, 357, 388
- Gadir*, 255
- Gallia, 346
- Gao, Mali, 172
- gas giants, 129
- Gaul, 273
- Geertz, C., 165
- Gehöfte*, 113
- Genii*, 346
- geothermal energy, 133
- Gergovie, 273
- German-Habsburg Empire, 192
- Gers, 74
- Ghana, 171
- Gilgamesh, 186, 187–188
- Girona, 74
- Glaubeberg, 326–328
 Early La Tène culture and, 384
 grave goods, 327
 settlements in, 331
 statue, 33

- Glauberg (*cont.*)
 stone statues, 327, 354–356
 tumulus grave, 376–379
- Glick-Schiller, N., 175–176
- global towns, 174–175
- globalization, towns and, 174
- Göbekli Tepe, East Turkey, 28, 68, 69
- gold
 big bang and synthesis of, 128
 use of, 33
- Golden Age, 185, 187
- Goldilocks principle, 131–132
- Golfo de Porto Conte, 256
- Gomadingen, 328
- Gondole, 273
- Gordion, 235
- Gournay, 340
- Gournay-sur-Aronde, 386
- Grafenbühl, 232–233
- grave(s), 137. *See also* burial sites
 cist, 74
 flat, in Late Bronze Age, 226
 grave no. 251 in Jinshengcun (Shanxi), 212–221
 megalithic, 76
 of Midas, 235
 tumulus. *See* tumuli
 Tursi, 77
 Zebbu, 76
- Great Zimbabwe, 82, 99
- Greece, 30
 ancient civilizations in, 23
 Archaic Period, 279–288
 Homeric *basileus*, 283–285
 literary sources and archaeology, 280–282
polis, 279–280, 286–288
 rise of aristocracy, 285–286
- arts, 381
 Axial Age cultures of, 194
 city-states (*polis*), 30, 185, 245
 Early Iron Age, 282
 founding heroes, 346
 Mycenaean period, 282–283
 social transformation in Early Iron Age, 249
- Greek alphabet, 41
- Greek language, 43
- Grotta Patrizi, Latium, 67
- Guadalquivir Valley, 250
- Gubbio, 308
- Hal Saffieni, 76
- Hallstatt
 agglomeration, 113
 Early La Tène culture, 395
 East Hallstatt Circle, 233
 Iron Age, 247
 Late Hallstatt culture, 109, 113, 323–324, 366
 Late Hallstatt settlement, 106, 326
 Oriental images, 230
 salt production sites, 269, 396
 transformation to La Tène, 356–357
 tumuli, 60, 231
 Western Late Hallstatt culture, 356
- Halula, Syria, 69
- Hamangia, 99
- Hammurapi, 187–188, 190
- harbour cities, 201
- Harlyn Bay cemetery, 402
- Havelock, E.A., 46
- Hawkes, Christopher, 24
- heavy elements, synthesis of, 128
- Hebrews community, 206–207
- Heidengraben bei Grabenstetten, 271
- Heidentor, 386
- Hera, 286
- Heracles, 345–346
- Herakleitos, 353
- Hermiones*, 345
- Herodotus, 235
- Heroic Age, 185, 187
- Héros Ktístes*, 346
- Herrenhöfe*, 247, 400
- Hesiod, 185, 281, 285
- Hestia*, 338, 340
- hestiatoron*, 340
- Heuneburg, 320–324
 agglomeration in, 106, 113, 119
 archaeological urban attributes, 162–164
 destruction, 332
 discoveries, 320
 gatehouse, 322
 mudbrick wall, 320–322
 outer settlement, 322–323
- Early Iron Age, 250
 early state formation, 136–137
 end of settlement, 331
Fürstensitze, 29
 Late Hallstatt, 323–324
 urbanism in, 323
- Hinayana Buddhism, 193
- Hirschlanden, 354–356
- Hispania Celtica*, 340, 342, 345, 346, 358. *See also* *Keltiké*
- Hoca Çesme, Turkey, 71
- Hochdorf, 231, 329
- Hohenasperg, 331, 358
- Höhlenstein Stadel, 29
- Hohmichele burials, 231
- Holocene optimum, 135
- Hölscher, T., 294
- Homer, 185, 192
- Homeric burials, 227
- Homo habilis*, 27
- Homo sapiens*, 27, 28, 41
homo sapiens axialis, 184
- horses, 217
- horticultural practices, 110
- Hosea, 187

- House of the Dead, 69
huacas, 135–136
 Huelva, 256–257
 human genome, 27
 human sacrifices, 216
 Humboldt current, 132
 “Hundred of Schools Thought,” 218
 Hunsrück-Eifel Culture, 364, 394
 hunter-gatherer societies, 58, 72
 hydraulic civilization, 142
 hypermounds, 226
 hypogea, 67, 75–76
- Iamblichus, 189
 Iberia, 245–246, 250
 Iberian Peninsula, 15, 228
 Ibiza, 266
 identity
 dividual, 9
 impact of social differentiation on, 52–62
 individual, 9–10
 Late Prehistoric, 53–54
 in oral societies, 58
 relational, 9, 54–58
Iliad, 43, 280, 284
 illourokambos, 70
 images, 381–382
impresa, 72
 incompletely urbanised sites, 163
 India
 ancient civilizations in, 23
 Axial Age cultures of, 194
 individualisation
 identity and, 9
 individuality resulting from, 53
 reality and, 10–11
 individualism, 9–10
 individuality
 in men, 58–61
 Modernity and, 52–53
 vs. relational identity, 54–58
individuus, 53
 Indo-European language, 43
 Indus Valley, 25–26, 132
 inhumation burials, 363, 400–403
 inner man, 184
 inner planets, 129
 Ionia, 201
 Iran, ancient civilizations in, 23
 iron, 128, 137
 Iron Age, 29, 58
 collapse of royal palaces in, 204
 Early. *See* Early Iron Age
 Early La Tène prototypes in, 398–403
 First, 398–403
 First Atlantic, 400, 402
 Late, 14, 15, 81, 82, 83–87
 Oriental culture in, 228
 settlements, 268–269
 tumuli of, 225–237
 Iron Age Europe, 163–164
 Iron Age *Fürstentum*, 24
 iron technology, 199–200
 Isola del Giglio, Tuscany, 72
 Israel, 187
- Jacobsthal, P., 366, 370
 Jainism, 193
 Jaspers, Karl, 23, 183–184, 193–194, 195, 353–354
jatte à festons, 397
 Jerf-el-Ahmar, 68, 70
 Jin principality (China), 217
 Jogassian daggers, 400
 Jogassienne culture, 396
 joint burials, 215–216
 Jordan, 69
 Judaeo-Christian monotheism, 193
- kakoi*, 286
 Kalapodhi, 287
kaloï, 286
 Kanaks of New Caledonia, 10
 Kapf, 340, 358
 Kappel am Rhein, 358
 Karbuna, 87
Keimelia, 372
 Kelermes, 234
Keltiké, 336–347
 esoteric knowledge, 337–340
 founding ancestors, 340–342
 founding rituals, 336–337
 omphalic centres, 337–340
 sacred fires, 340–342
 Teutates, 342–347
 tombs, 341–342
 Kerameikos, 234
 Khiamian, 68
 Khirokitia Culture, 70
 Kiel University, 114
 Kimmig, Wolfgang, 319–320
 King’s tumulus, 226
 Kition, 255, 260
 Kleinaspergle, 366, 384
 Klein-Klein, 233
kline, 227, 232–233, 234
Knollenknaußschwertern, 396
 Knossos, Crete, 71
 Kombothreka, 287
Kórax, 337–338
Korinthioi, 280
kosmos, 285
 Koukounaries, 286
krater, 324, 385
 Kröll-Schmiedkogel tumulus, 233
 kurgans, 234
 Kyiv-Durham, 90

414 INDEX

- Kyiv-Frankfurt-Kiel, 90
kylix/kylikes, 298, 366, 386
 Kythnos, 71
- La Tène cultures
 Celts and, 392
 Champagne, 396–398
 codex, 364–366
 complex structures, 109
 core, 398
 diffusion process, 393
 emergence of, 392
 Hallstatt's transformation to, 356–357
 inhumation burials, 400–403
 La Tène A, 398
 La Tène B, 270
 material features of, 393–394
 models and definitions, 393–396
 network genesis of, 392–404
 origins of, 392–393
 settlements in, 394
Viereckschanzen, 400
- Lady of Vix tomb, 359, 360
Lakedaimon, 282
 language, discovery of, 40–41
Laodonum, 337
 Lao-Tze, 5
Lares, 346
- Late Bronze Age, 15, 187–188
 contraction of interacting area in, 201
 flat graves, 226
 iron technology in, 199
 Mycenaean hegemony in, 282
 third urbanization in, 204
 tumuli, 226
 warrior steeles, 60
- Late Hallstatt culture, 109, 113, 119, 366
 Late Hallstatt *Fürstentum*, 12, 319–320
 Late Hallstatt settlement patterns, 106
 Late Iron Age, 14, 15
 background, 83–87
 sites, 81, 82
- Late Neolithic sites, 114, 115–116
 Ukraine, 119
- Late Prehistoric Europe, 109–112
 Late Prehistoric identity, 53–54
 Laténization, 393
 Latin, in English language, 46
 Latium, 247–248, 249
 Lazio, 73
 Lebanon, 69
lebensraum, 294
 Lefkandi, 227, 245
lekythoi, 234
Les Paysans de Languedoc, 249
 Levant, 69, 201
 Levantine Corridor, 68
 Levroux, 271
- Linearbandkeramik* Culture, 74, 99, 112
 literacy
 psychology of, 43–44
vs. orality, 58
 Lixus, 255, 262
locus classicus, 236
Lodonum, 337
 logic, 47–48
 logographs, 42
 Logrosán, 256
longue durée, 243–252
 Lössbörden, 112
 lotus blossoms, 372
 low-density urbanism, 81–102
 defences and, 100
 evolution of, 98, 100
 Nebelivka mega-site, 90–98
 Löwenmensch, 29
 Lucania, 301
 Lucanisation, 301
Lucius Annius Cornutus, 344
Lug, 337–338
Lugdunum, 337
Lugdunum Convenarum, 337
 Lusehøj, 226–227
 Lydia, 201
 Lyon, 268, 273
- Macedonia, 71, 268
 Magdalenenberg, 358–359
Magna Graecia, 292, 324
 Majdanetskoe, 90, 100, 117, 118
 Malafouris, Lambros, 26
 Malta, 76
 Manching, 162–164, 271
 Mansa Musa (king of Mali), 172
 Maroulas, 71
 Marroquies Bajos, 77
 Marseille, 268
 Marshall, John, 129
 Marsiliana d'Albegna, 313
 Marx, Karl, 145
 Mas d'Is, 73
 masculine ethos, 60
 Massalia, 325, 328
 Matera, 77
 material culture, 3
 capillarity of power and, 14
 Matzkoje, 117
 May glyphs, 31
 Maya states, 31
 Maykop culture, 226
 McIntosh, R., 173
 measure, 29
 measuring devices, 28–29
mediolanum, 336–337, 338
 Mediterranean region, 265–275
 temperate Europe, 268–273

- traditions, 266–268
- urbanization of, 265–266
- megalithic graves, 76
- megalithic yard, 29
- megaliths, 67
- Megalopolis, 82
- Megaron B, 287
- Mega-Vinca sites, 115–116
- Melos, 30
- Mende-Poseidi, 287
- Menes, 190
- Mercury, 129
- Mesas de Asta, 258
- Mesoamerican economies
 - Aztec market system, 144–145
 - high-status houses, 144
 - key framing constructions, 142–143
 - Oaxaca Valley, 143–144
 - prehispanic highland, 141–145
 - reframing the study of, 145–146
 - urban centers, 165
- Mesopotamia
 - canalization in, 200
 - coined money in, 201
 - early state formation in, 127, 132, 135
 - Egyptian Renaissance, 190
 - language, 185–186
 - Late Neolithic Ukraine, compared with, 119
 - megalithic structures in, 135–136
 - Neo Assyrian period, 186–187
- Messenia, 267, 295
- metaphor, 10–11
- Metapontum, 286
- metonymy, 10–11
- Mexico, early civilisations of, 23
- Midas, 235
- Middle Bronze Age, 187–188, 201, 204
- Middle Kingdom, 190
- Middle La Tène, 273
- Middle Neolithic, 74
- Milankovic cycles, 135
- Miner, N., 176–178
- mingui* (objects for the souls), 218–219
- mobility, 175–178
- modernism, 243
- Modernity, individuality and, 52–53
- Mogylna III, 99
- Moldova, 99
- Molfetta, 72
- Monah, D., 85
- Mondelange, 362
- monotheism, 192
- Mont Lassois
 - apsidal structure, 325
 - destruction, 332
 - end of settlement, 331
 - female dynasty in, 324–325
 - funerary complex, 325
 - Fürstensitze*, 29
 - Lady of Vix tomb, 324
 - settlements, 325
- Monte Cetona, 308
- Montmartin, 340
- monumental sanctuaries, 286
- Mopti, Mali, 172
- Moravia, 60, 271
- Morgenroth models, 245
- Morocco, 72, 73
- Morro de Mezquitilla, 258, 260
- Motya, 262
- Mount Lykaion, 287
- Moyenne Durée*, 249
- Murashû, 208
- Murlo, 306, 313
- murus gallicus*, 273
- Mycenae, 286
- Mycenaean Age, 186, 187–188, 282–283
- Mycenaean period, 185
- Naipköy, 234
- Naples, 268
- Narbonensis, 340
- Narbonne, 268
- National Museum of Sarajevo, 114
- Natufian communities, 68
- Nazism, 176–178
- Nea Nikomedia, 71
- Near Eastern civilization, 198–209
 - agricultural innovations in, 200
 - alphabet in, 203
 - centre/periphery relationships in, 207, 208
 - chronological period, 198–199
 - city-states in, 204–205
 - fourth urbanization in, 204
 - innovative elements in traditional areas, 208–209
 - iron technology in, 199–200
 - power/individuals relationships in, 208
 - shift from ceremonial to ethic religion in, 206
 - shift from corporate to personal responsibility in, 206–207
 - trade and trade networks, 201–203
- Near Eastern Neolithic, 67–69
- Nebelivka, 12
- Nebelivka mega-site, 81, 90–98
 - assembly houses, 92
 - defences, 100
 - elements of, 90
 - entrances, 100
 - individual structures, 95–97
 - internal empty spaces, 90–92
 - neighbourhoods, 93–95
 - perimeter ditch, 90–92
 - pits, 97–98

- Nebelivka mega-site (*cont.*)
 plan of, 90
 entire site, 90–92
 global, 92
 Quarters, 93–95
 squares, 95
 Necaeva Mogila, 234
 necropolis, 67
nemeton, 336–337
 Neo-Assyrian empire, 186–187, 205
 Neo-Babylonian empire, 205, 208
 Neolithic
 between 3500 and 2500 BV, 75
 conquest of Mediterranean, 67–78
 East to West, 69–74
 Near Eastern, 67–69
 Neolithic period, 53, 58
 Neolithisation, 112
 neuropsychology, 251
 new archaeology, 25
 New Assyrian Empire, 192
 New Caledonia, 10
 Nichoria, 295
 Nicias, 280
 Niger inner delta, 173
 Nikoeika, 287
 Nile Valley, 135
 Nimes, 268
 non-equilibrium thermodynamics, 130
 Nora, 255
 Norici, 345
 North Lucania, 291–293
 Northern Etruria, 308
- Oaxaca Valley, 143–144
 obsidian, 144
 Odeion, 284
Odyssey, 43, 280, 285
oikumene, 205, 207
 Okolište, 106, 114–115, 119
 Old Kingdom, 188, 189, 190
 Olduvai Gorge, Tanzania, 27
 Olympia, 287
 Oman, 200
oppida, 82, 271–273
 Celtic, 337
 Early Iron Age, 247
 in Heuneburg, 163–164
 Iberian, 245
 Late Iron Age, 82, 265
 Late La Tène, 323–324, 333
 temperate Europe, 14
 Teutates as patron of, 342–344
 urban attributes, 160
 in Western Europe, 305
 Oppido Lucano, 294
 oral societies, identity in, 58
 oral tradition, 11
 orality, 58
 Oriental art, 229–231
 Orientalising Revolution, 228
Orthaepia (Protagoras), 46
 outer planets, 129
 Ozieri Culture, 76
- Palaeolithic period, 28
 Palestine, ancient civilizations in, 23
 Panenský Týnec, 383
 Panormo, 262
 Paris Principles, 273
 Parmenides, 353
 Patrizi cave, 74
 Pailhac, 74
 Pekari II, 87
 Peñahitro, 340
 Perachora, 286
 Perepjaticha, 234
 Persia, 194, 268
 Persian empire, 205
 Persian War of 480 BC, 280
 Peru, early civilisations of, 23
 Perugia, 314–315. *See also* Etruria
 Petreny, 99
phalera, 226
 Philistines, 188
 Phoenicians, 254
 colonialism in 8th and 7th centuries BC, 260–262
 enterprise in the West, 254–255
 first colonies, 257–260
 first contacts, 255–257
 Iron Age pottery, 255
 mining of Rio Tinto, 228
 Phokis, 287
 phonemes
 metalinguistic concepts for thinking about, 48
 signs for, 42–43
 thinking about, 44
 phonological awareness, 44
 Phrygia, 235
 Pirahã of the Amazon, 11
pithoi, 234
 planets, 128–129
 Plato, 192
 Plaza de las Monjas, 255–256
 plough, 112
 Plutarch, 280
 Poggio Civitate di Murlo, 313
 Pogojeva, E., 85
 Polanyi, Karl, 142
poleis, 14, 282, 286, 294
polis, 267, 279–280, 282, 286–288
 political cities, 164–165
 polity, 30
 polytheism, 206
 Pont de Roque-Haute et Peiro Seignado, Languedoc, 72
 Pontic steppes, 115–116

- population densities, 107–108, 109
 population growth, 106–109
 population size, 107–108
 Populonia, 315
Populus Romanus, 338
 Portugal, 60, 72, 73, 256
 Poseidon, 281
 post-modernism, 243
 post-processualism, 243
 post-reading children, 45–46
Potnia Theron, 375
 pottery, 85–87
 power, 106–109
 power density, 131
 PPNB koiné, 68
 pre-domestic agriculture, 68
 Pre-Pottery Neolithic A (PPNA), 68, 69–70, 71
 Pre-Pottery Neolithic B (PPNB), 68, 69–70, 71
 pre-reading children, 45
 Prodicus, 46
 Protagoras, 46
 Provardia, 81, 82
Prunkgräber, 113, 357
prytaneion, 342
 Puerta del Segura, 341–342
 punctuated equilibrium, 250
 pyramids, 135–136
 Pyrgi, 311
 Pyrrhus, 268
 Pythagoras, 353

qanat, 200
 Quarters, 93–95

 rationalism, 10
 rationality, 48
 redistributive economies, 142
 regal-ritual cities, 165
Regia, 341–342
 Reims, 273, 345
 Reinheim, 383, 384
 relational identities, 9
 vs. individuality, 54–58
 religions
 ceremonial, 206
 early state formation and, 136
 ethic, 206
Remi, 345
Remos, 345
 Remus, 341–342
Remus, 345
 Renaissance, 188–192
 Rendina, 72
 Ribemont-sur-Ancre, 340
 Rio Tinto, 228, 256
 ritual grave assemblage, 214–215
 rock art, 28
 Roman Empire, 192

 Roman Republic, 249
 Rome, 248, 268
 Romulus, 341–342
 Roquepertuse, 340, 358
 Roselle/Vetulonia, 313
 Rota, 258
 royal tombs, 75

 Sa Caleta/Ibiza, 262
 Sahel, 172
 Saïte Renaissance, 188
 Salin, E., 176–178
 Samian Heraion, 286
 Sanskrit, 193
 Sant'Imbenia, 256–257
 Sapient Paradox, 28
 Sardinia, 73, 74, 76, 256
 Sardis, 235
 Sargon, 187–188, 190, 192
Sarmizegethus, 338
 Sassen, S., 175
 Sasso di Furbara, 74
 Schmandt-Besserat, D., 45
Schnabelkannen, 386
 Schwarzenbach, 371
 Scotland, 60
 Scythians, 381
 sedentism, 68
 Segeda, 268
Segobriga, 342
 Semitic language, 42–43
 sentences, 46–48
 metalinguistic concepts for thinking about, 48
sepulcros de fosa, 75
 Serra Alto, 76
 Servius Tullius, 341–342
 Sesostri III, 190
 settlement patterns, 107
 Sexi/Almuñecar, 262
 Shabaka, King, 189
 Shabaks, 190
 Sicily, 60
 Sidari, 72
 Siddharta Gautama, 353
 Sidon, 266, 268
Siedlungskammern, 114
 signs
 for phonemes, 42–43
 for words, 42
 silver, 128
 Sima Qian, 219
situla, 226, 229–230
 skull buildings, 69
 sky disc of Nebra, 29
 social agglomeration-control
 Cucuteni-Trypillian settlements, 116–119
 definition of, 106
 demographic development and, 119

- social agglomeration-control (*cont.*)
 development of, 106–120
 huge structures in, 112–113
 in Late Prehistoric Europe, 109–112
 population densities and, 109
 social control and, 119–120
 in Taljanky site, 118
 technical and social changes, 109–112
- social control, 119–120
- social differentiation, 74–78
 Neolithic conquest from East to West, 69–74
 Neolithic conquest of Mediterranean, 67–78
- social groups, uniform appearance of members in, 58
- societies, Marx's typology of, 158
- Sodom and Gomorra, 206–207
- Soissons, 273
- solar energy, 133
- solar system, 128–129, 130
- Solocha, 234
- Sotira Culture, 70
- South Etruria, 247–248, 249, 308
- Southeast European Early Chalcolithic, 112
- Southern Italy, 291–301
 commensal politics, 295–300
 diacritical festivals, 300–301
 North Lucania, 291–293
 polycentric settlement structures in, 293–295
- Southwest Gallia, 340
- Southwest Germany, 231–233
- Spartans, 267
- states
 early formation of, 127–134, 137
 big history and, 132–136
 Early Iron Age Heuneburg, 136–137
 in Eurasia, 135
 in Mesopotamia, 127
 religions and, 136
 surplus production and, 135–136
 emergence of, 133
 monopolies, 132
 sociological definition of, 132–133
- Stonehenge, 135–136
- Styria, 233
- Subboreal-Subatlantic transition, 136
- sub-Saharan Africa, 165
- sub-sedentism, 68
- Sulcis, 260
- Sumeria
 language, 185
 signs, 42
 tokening system, 42
- supernova, 128, 130
- Sybaritis, 295
- syllabaries, 42
- symposium*, 225, 228, 231, 237
- Syracuse, 268, 279
- Syria, 69
- Taljanky, 12, 90, 117, 118
- Tarentum, 298
- Tarquiniia, 233, 268. *See also* Etruria
- Tartessian culture, 255–256
- Tavertet, 74
- taxes, 133
- tectonic plates, 129
- Tell Mureybet, 70
- temperate Europe, 268–273
 cultural changes in, 385–387
 rituals, 386
- templum*, 336–337, 338
- Tenochtitlan, 161–162
- Teotihuacan, 29
- Termes*, 340, 342, 345
- Teutates*, 342–347
- thalamos*, 298
- Thales, 353
- Tharros, 262
- Thatcher, M., 244
- theater state, 165
- Theban burials, 187
- Thebes, 267
- Thermon, 287
- Third Intermediate Period, 188
- Thom, A., 29
- Tigris, 68
- Tilly, C., 158
- Timbuktu, Mali, 169–170
 competition from other towns, 172
 history, 171–172
 remoteness of, 171
 as town of madrasas, 172–174
- tin, 128, 137
- Tivissa, Tarragona, 341–342
- toilet articles, 60
- Tomb, 53, 284
- Tomba Bernardini, 231
- Tomba Regolini Galassi, 231, 233
- torques, 360–361, 398
- Torre di Satriano, 291
 cemeteries, 294
 clans, 294
 commensal politics, 295–300
 diacritical festivals, 300–301
 polycentric settlement structures in, 293–295
- Toscans I-II, 260
- Toulouse, 268, 273
- Tower of Babel, 190
- towns, 169–179
 global, 174–175
 mobility in, 175–178
 as networks, 172–174
 as nodal points, 174
 transnationalism and, 175–176
 without modern central functions,
 171–172
- transnationalism, 175–176

- Trasano, 72
 Treherne, P., 33
 Trier, 273
 Trojan War, 186
 Tronoën, 394
 Troy, 75
truphe, 234
 Trypillia mega-sites, Ukraine, 12, 81–102
 components of lifeways, 83
 clay anthropomorphic figurine, 85
 decorated pottery, 85–87
 houses, 83–85
 concentric circuits of houses, 117–118
 Cucuteni groups, 83
 defences, 100
 distribution in time and place, 87–90
 evolution of low-density urbanism in, 98, 100
 Nebelivka mega-site, 90–98
 assembly houses, 92
 elements of, 90
 entire site, 90–92
 global, 92
 individual structures, 95–97
 internal empty spaces, 90–92
 neighbourhoods, 93–95
 perimeter ditch, 90–92
 pits, 97–98
 plans, 90
 quarters, 93–95
 squares, 95
 planning principles, 90
 population density in, 99
 social space of, 90–98
 time-place distribution of, 83
 variety of sizes and construction types in, 116–119
 tumuli, 74, 225–237. *See also* burial sites; grave(s)
 in Anatolia, 235
 in Black Sea region, 234–235
 definition of, 236
 Early Iron Age barrows, 227–228
 East Hallstatt Circle, 233
 history of, 226–227
 Mediterranean, 233–234
 Oriental images in, 229–231
 in Southwest Germany, 231–233
 Tursi grave, 77
 Tyre, 257–260, 266, 268
 Tyrtaeus, 280
- Ukraine, Trypillia mega-sites of, 12
 Umbria, 308
 Upanishads, 193
 Upper Palaeolithic period, 29
 urban temples, 286
 urban tribes, 54
 urbanism, 81, 82
 archaeological urban attributes, 158, 160–161
 built environment, 160–161
 connective infrastructure, 160
 settlement size, 158, 160–161
 social impact, 160
 socioeconomic features, 161
 Aztec sites, 161–162
 city definitions, 154–156
 Heuneburg, 162–164
 low-density, 81–102
 defences and, 100
 evolution of, 98, 100
 Nebelivka mega-site, 90–98
 Manching, 162–164
 typologies, 157–158
 urbanity
 Nazism and, 176–178
 as way of life, 175
 urbanization, 11–14
 cycles of, 204
 globalization and, 176
 in West Africa, 173
urbs, 267, 336–337, 338
 Uruk, 12, 100, 117, 118, 204
 Usatovo culture, 226
 use-mention distinction, 41
 Utica, 258
- Vaglio, 294, 298
 Valencina de la Concepción, 77
 value, 32–33
 van Geel, B., 136
 Varna, Bulgaria, 33
 Vedova, Ponte San Pietro, 77
 Veii, 267. *See also* Etruria
 Veio, 233
 Venus, 129
Vesta, 340
Viereckschanzen, 394, 400
 village states, 267
Virodunum, 345
Virunum, 345
 Vix, 163, 231, 324
 Vladar, 247
 Volterra, 268, 314
 von Lasaulx, E., 183
 vowel, 43
 Vulci, 313. *See also* Etruria
- wadis*, 200
 warrior aristocracy, 60
 warrior burials, 284
 “warrior’s beauty,” 33
 Weber, A., 183–184
 Weber, M., 132
 Weiskirchen, 372
 welfare state, 244
 West Gate cemetery, 283
 Western Africa, early urbanization in, 173
 Western Hallstatt culture, 356, 366

420 INDEX

- Western Mediterranean, 67
 wheel, introduction of, 112
 Wirth, L., 175
 Wittfogel, Karl August, 142
 words
 metalinguistic concepts for thinking about, 48
 phonemes and, 44–46
 signs for, 42
 thinking about, 44–46
Works and Days, 281, 285
 World of the Celts exhibition, 24
 Worms-Herrnsheim, 362
 writing
 as consequence of division and specialization of labour,
 11
 history of, 40–42
 rationality and, 48–49
- Xenophon, 280
- Yautepec, 161–162
 Yoruba towns, 82
- Zagros mountains, 68
 Zarathustra, 353
 Závist, 247, 269, 273
 Zebbu graves, 76
 Zend-Avesta, 183, 193
 Zhao, 217
 Zhou, King, 211
 ziggurats, 14, 135–136
 zoomorphic figurines,
 115
- Zoroaster, 206
 Zoroastrianism, 193