

INDEX

- Achaia, Achaeans, 50, 51, 53
 'action at a distance', 152, 157
 Aegean, the, 6, 11, 13, 20, 23, 25, 27, 32, 37, 38, 39, 41, 42, 43, 44, 49, 155, 156, 157
 Aegean islands, 112, 113, 114
 Agia Triada, 26, 34, 43
 agricultural intensification, 6, 11, 64
 agricultural methods, 107, 110, 114
 agricultural production, 64, 70, 78, 81, 149
 agricultural societies, 2, 4, 24, 43, 44, 129, 136, 148, 149
 agriculture, 135, 143
 Alfred, King, 72, 75, 77, 78, 158
 alliances, 26, 50, 52, 67, 71, 72, 75, 89, 93, 94, 123, 146, 147, 152, 158
 Anglo-Saxons, 70, 71, 75–6, 78
 Anyang, 79
 'archaeological cultures' concept, 151
 architecture, 26, 28, 38, 42, 60, 62, 75, 76, 96, 109, 110
 archives, 24, 26, 27, 34, 40
 aristocracy, 71, 72, 76
 art, 75, 93, 98, 100, 102, 106, 108, 131, 132–3
 style, 63, 64, 75, 76, 112, 123
 see also murals
 ashlar masonry, 42
 asymmetrical relationships, 91, 150
 Athens, 11, 13, 48, 49, 52, 53, 54, 57, 114
 authority, 26, 41, 68, 83, 141
 autonomy, 129–30
 auto-sacrifice, 96
 ball courts, Maya, 102
 ball game, association with decapitation sacrifice, 102–3
 band societies, 2, 4
 barrows, 71, 130
 Beaker Folk, 137
 belief systems, 2, 5, 9
 Belize, 96, 107, 109, 113, 115
 Bell Beaker(s), 156
 assemblage, 9, 135, 138, 141, 144, 145
 burials, 10, 138, 141, 143, 145, 147
 network, 141, 146–7, 148, 157
 pottery, 138, 141, 143, 145, 146, 148
 blood-letter, 96, 101, 104
 blood sacrifice, 100
 boundary maintenance, importance of, 94, 107
 Boyne Valley, 128, 129, 130, 131, 134, 135
 bridging theory, 68, 116, 126, 152
 Britain, 63, 70, 71, 72, 75, 127, 128, 130–3, 135, 136, 145–7, 156
 Brittany, 128, 131, 132, 135, 136, 141, 147
 bulk goods/materials, 110, 115
 burial mounds, 61, 62, 71, 130, 131, 133
 burial practices, 8, 38, 43, 49, 51, 60, 61, 68, 69, 125, 129, 141
 burial rites, 61, 62, 64, 76, 138, 143, 145, 147, 148
 burials, 59, 60, 63, 64, 77, 119, 144
 collective, 43, 129, 130, 138
 of complete bodies, 130
 differential status, 41, 43, 88, 118, 120, 145
 élite, 68, 71, 90, 123
 as evidence of warfare, 27
 as focus for competitive display, 62
 individual, 41, 130, 131, 132, 138, 141, 143, 145
 orientation of, 138
 rich, 60, 61, 145, 148
 unstratified, 43
 'Catalogue of Ships', 24–5
 Celts, 16, 63–4, 66
 cemeteries, 49, 63, 71, 128
 Passage Grave, 128, 134
 stratification of, 59, 70, 76
 central places, 19, 21, 23, 24, 25, 26, 39, 43, 77, 112, 113, 114, 150
 central-place theory, 127
 central sites, Iron Age, 60, 62
 ceremonial centres, 4–5, 129, 130, 131, 133, 144, 153
 Cerros, 101, 102, 103, 107
 channels of communication, 16, 18, 52, 122, 152
 charter of power, Maya, *see* Maya, political charter
 charters, land, 69, 71, 78
 Chichen Itza, 94, 95, 108
 chiefdoms (chiefdom societies), 1, 2, 4, 59, 127, 129, 135, 136, 145, 151, 154
 chiefs, chieftains, 8, 18, 88, 91, 95, 153
 China, 31, 79, 81, 82, 88, 90, 91

Index

- Christianity, 70, 71, 72, 78
chronicles
 Chinese, 79, 81, 83, 84, 87
 Japanese (*Nihon Shoki*),
 87, 88–9, 91
chronology, 8, 26, 28, 29, 31, 39,
 44–5, 76, 120, 124,
 125, 128, 136
Church, the, 71, 72, 75, 76, 78
churches, 76, 77
city states, *see* Greek city states
civilisation(s), 2, 5, 11, 27, 35,
 64, 66, 94, 107, 108,
 112, 114
clients, clientele, 66, 67
cluster component, 19, 149–50
cluster interaction model, 18,
 112, 113, 149–50, 151
cluster of polities within civili-
 sations, 12, 35, 43, 151
codification of laws, role of
 Delphic oracle in, 54
codified law, *see* law-codes
cognitive archaeology, 78, 154
cognitive systems, 69, 72
coins, coinage, 11, 13, 24, 64,
 68, 75, 76, 77, 78, 157
colonies
 Greek, western, 49, 50–1,
 53, 54, 56, 58
 Minoan, 20
colonisation, 25, 51, 53–4,
 79, 81
 role of Delphic oracle in,
 53–4
commoditisation, 156
communication, 1, 15, 16, 18,
 19, 54, 114–15, 117,
 120, 122–3, 127, 136,
 151, 152
communities, 6, 11, 122, 143
competition, 1, 2, 8, 16, 27, 38,
 41, 42, 44, 62, 66–7,
 71, 76, 77, 78, 79, 91,
 94, 114, 121, 125, 127,
 129, 145–8, 150
competitive display, 15, 42,
 62, 121
competitive emulation, 8, 13, 15,
 58, 62, 71, 72, 135, 152
 in monument construction,
 45, 128, 129, 135
 in temple-building, 42, 55–6
complex societies, 1, 2, 6, 10,
 20, 78, 79, 81, 112, 115,
 116, 127, 130, 135, 136,
 149, 150, 154, 155
conceptual systems, 8
conical diffusion, 89
conspicuous consumption, 18,
 62, 145
contact, 6, 43, 110, 145
 between the Aegean and Near
 Eastern states, 21, 38–42
 between developed states and
 group of peer polities, 42
 between Iron Age Europe and
 the Mediterranean, 42,
 60, 61–2, 64, 66, 68,
 71, 76
 long-distance, 7, 143
 mechanism of, 157, 158
 network of, 129, 141
control hierarchies, *see* decision-
 making hierarchies
cooperation, supralocal, 121
copper, 91, 121, 146, 147
Corded Ware, 143, 144, 145,
 146, 147, 148, 156, 157
core area(s), 88, 90, 121, 128,
 135, 136, 156, 157
 in Illinois, 117, 118, 119,
 120, 125
 in Ohio, 117, 118, 119, 120,
 125
core-periphery model, 1, 6, 15,
 41, 76, 77, 78, 79, 81,
 90, 91, 150
Corinth, 50, 51, 52–3, 54, 114
craftsmen, 57, 63, 71, 75, 90,
 110, 122
 specialised, 26, 35, 60, 88
craft specialisation, 8, 10, 64,
 79, 81, 83, 114
craft workshops, 26, 27, 28, 35
cremation, 51, 70, 71
Crete, Minoan, 19–45, 53, 54
 evidence for political unifi-
 cation of, 24, 25–6, 31
 structural homologues in,
 26–38
 see also Minoan civilisation;
 palaces, Minoan; palatial
 centres; palatial civilisation
Crete, Mycenaean control over,
 23, 26
cross-cultural approach, 18, 151
cultivation, 119, 120, 124, 125
cults, 27, 30, 47, 50
cult sacrifice, 41
cultural change, 1, 120, 128
 see also social change; socio-
 political change
cultural complexity, 1
 see also political complexity;
 social complexity
cultural evolution, 79, 150
cultural homogeneity, 24, 27,
 38, 59, 60–1, 62–4,
 68, 110–11
cultural *koine*, 19, 27
culture(s), 2, 20, 38, 66, 71, 115,
 116, 137, 138, 151, 156
 as means to adaptation and
 survival, 108
cursus monuments (open en-
 closures), 130, 134
Cyclades, 37, 39, 43, 49
Cyprus, 24, 37, 39, 40
Cyrene, 53, 54
daggers, 39, 61, 138, 141, 143,
 145, 146
death-sacrifice, 96, 106
decapitation sacrifice, 102, 106
decision-making, 4, 15, 18, 121,
 152
decision-making hierarchies, 1,
 15, 16, 19, 41
dedications, 54–5
Deira, 76, 77
Delos, 13, 16, 55
Delphi, 13, 15, 16, 53, 55, 158
Delphic oracle, 53, 54
demographic pressure, 44, 94,
 115
design elements, similarities be-
 tween regions, 130–2
development trajectories, 10, 11,
 38, 68, 81, 88, 112, 115,
 137, 147
diffusionist approach, 1, 6, 7, 9,
 24, 39, 41, 79, 82, 127,
 129, 134, 135, 136, 151
dominance, 1, 2, 6, 13, 19, 26,
 38, 39, 44, 111–12,
 118–19, 121, 123, 127
 models of, 5, 10
dynasty(ies), 72, 76, 96, 98
early state module (ESM), 2, 5,
 7, 19, 20, 26, 38, 43, 44,
 66, 72, 87, 112, 116,
 127, 128, 129, 148, 149,
 151
 definition of, 114
East Anglia, 72, 76, 77
East Asia, 79, 82, 91
Easter Island, 2, 8, 11
Eberdingen-Hochdorf, 60, 61
ecological stress, 115
economic intensification, 10,
 39, 64, 66, 68, 76
economic interdependence, 114,
 155
Egypt, 11, 20, 26, 27, 28, 37,
 39, 40, 52, 153
élite(s)
 access of, to information, 32
 acquisition of symbolic knowl-
 edge by, 152
 competition between, 41;
 see also competition
 competitive emulation among,
 72; *see also* competitive
 emulation
 consolidation of power of,
 31, 135
 control of communications
 by, 15
 control of goods and resour-
 ces by, 15, 78, 90, 91,
 113, 146
 craft specialists and, 8
 emergence of, 41, 44, 71,
 72, 76, 82, 94, 135
 formation of subculture within,
 83, 91
identity symbols of, 62, 82,
 83, 88–9, 91
interaction between, 25, 75,
 78, 82–3, 88–9, 93,
 110, 114–15, 152
Maya warfare and, 94, 96,
 106–7
prestige goods and, 72–3,
 76, 90, 150, 152
status of, 41, 99; *see also*
 status
 trade and, 72–3, 109, 113
 wealth and, 68, 153
El Mirador, 102, 103, 107
empire(s), 2, 19, 79, 93, 94, 95,
 112, 152, 155
emporium, 49, 72–3
emulation, 1, 8, 10, 16, 27, 37,
 40, 41, 42, 45, 51, 57,
 114, 127, 128, 134, 143,
 145, 146, 147, 148, 155,
 156
 see also competitive emu-
 lation
enclosed ceremonial centres,
 see henge monuments
endogenous model of change,
 5, 6, 11, 18, 38–9
England, 130, 131, 132, 134,
 141, 144, 158
 Anglo-Saxon, 63, 69–78,
 150, 153
Essex, East Saxons, 76, 77
ethnic groups, 1, 2, 10, 52, 64,
 116, 153, 156–7
ethnicity, 7, 13, 21, 24, 38,
 151, 156–7
Europe, 72, 75, 77, 78, 127,
 128, 129, 130, 136, 137,
 141, 143–8, 156, 158
 Iron Age, 42, 59–68, 150
exchange, 20, 24, 26, 42, 43,
 63, 66, 126, 137, 141,
 150
 as basis of Bell Beaker stan-
 dardisation, 138
 of gifts, 8, 26, 37, 41, 89,
 158
 of goods, 1, 8, 10, 27, 35,
 38, 77–8, 106, 119, 127
 Hopewellian, 118, 121–3,
 124
 of ideas, 78, 152
 of information, 1, 8, 10, 27,
 35, 64, 127, 147, 152
 inter-polity, 148, 152
 inter-regional, 62, 68, 77, 89,
 119, 123, 125, 151
 intra-polity, 152
 local, 89, 121, 123, 125
 long-distance, 39, 152
 of manufactured goods, 64,
 90
 Maya rules of peaceful, 106,
 107, 108
 networks of, 40, 64, 91, 119,

Index

- 122, 123, 136
of prestige goods, 35, 37, 41, 60, 71, 76, 77, 78, 89–91, 117, 133, 148
of raw materials, 64
supralocal, 120, 122, 124–5
symbolic, 8, 40
systems of, 8, 40, 71, 77, 119, 121, 122, 146, 148
of valuables, 120, 122, 123, 125
exchange links, 147, 148
exchange models, 19, 121, 152
exchange relations, 90, 95, 121, 123
exchange signs, 122–3
exogenous change, 5–6, 11, 16, 38–9, 44, 78, 125
exotic goods, 40, 115, 130, 135, 146, 147, 156
exploitation, 44, 143
feasting, feast-giving, 8, 89
festivals, 95–6, 107
flint mining, 133, 143, 156
food consumption, large-scale, 133
foodstuffs, circulation of, 43, 110
fortified sites, 24, 25, 60, 141, 147
France, 59, 60, 63, 66, 67, 68, 143
Frankish ideology, 75
Frankish influence, on Anglo-Saxon England, 72, 75
Franks, Frankish kingdoms, 70, 71, 72, 76, 77
funerals, as means of inter-site elite contacts, 114
funerary rites, 70, 71, 130
gateway communities, 72–3, 77, 78
geometric banked enclosures, 119, 120
Germany, 59, 63, 70, 141
gift exchange, 8, 26, 37, 41, 89, 158
gift-giving, 95, 106, 150
glyphs, Maya, 5, 96, 97, 98, 99, 100, 101, 102, 103, 104, 106
goods, movement of, 7, 10, 43, 116, 121
Gournia, 21, 26, 34
government, 44, 47, 66, 67, 153, 155
grave goods, 62, 70, 71, 90, 118, 123, 131, 135, 138
Bell Beaker assemblage, 135, 138, 141, 144, 145
exotic, 130, 141, 146
high status/prestige, 68, 71, 90, 129, 130, 145, 147
social differentiation in, 118, 145, 147
grave orientation, 138, 141
graves, 60, 61, 63, 71, 76, 79, 135
see also burials; keyhole tombs; megalithic tombs; mounded tombs; tombs
Greece, 10, 11, 20, 23, 24, 25, 26, 37, 39, 45, 47–58, 62, 150, 155, 157
Greek city states, 11, 13, 20, 24, 27, 41, 47, 48, 49, 52, 53, 57, 66, 114, 153, 155, 157
see also polis
Grooved Ware, 131, 132, 133, 144, 145
Guatemala, 99, 102, 107, 109, 111
Hamwih, 75, 78
henge monuments, 128, 129, 130, 133, 134, 144, 146
Heuneburg, the, 60, 61, 62
hierarchical differentiation, 84, 119, 141, 145
hierarchical societies, 2, 4, 18, 31, 41, 71, 79, 81, 82, 96, 108, 127, 150, 155, 158
hierarchies, 1, 6, 119, 123
see also decision-making hierarchies
hierarchisation, 8, 76, 78, 91, 98, 119
Hieroglyph Deposit, Knossos, 33
Hieroglyphic script, 24, 26, 33–4, 110
highest-order central places, 24, 150
highest-order socio-political unit, 2, 4, 7, 27, 43, 128, 148, 150, 151
Hirschlanden, 61
Hohenasperg, the, 60
Hopewell, 6, 10, 156
ceramic vessels, 123, 125
decline, 117, 120, 123–5, 148
phase of exchange, 117–26
processes of interaction, 120–5
rise, 119, 120–1, 125
standardisation of goods, 117
symbolic hallmarks, changes in, 120, 125
hoplite (Archaic heavy infantryman), 51
hoplite army/warfare, 51–2, 54, 57, 58
hoplite phalanx, as embodiment of *polis* idea translated into action, 51
hoplon (two-handed shield), as symbol of duties and privilege, 51
horticultural intensification, 124
house floor areas, 119, 120, 125
175
human energy expenditure, 134–5, 136
human sacrifice, 95, 96, 97, 98, 99–106, 108
hunter–gatherers, 4, 116, 148, 150
hydraulic systems, 107, 110
Iberia, 128, 130, 131, 132, 135, 147, 148
iconographic complex of Maya war and sacrifice, 99–106
iconography, 31, 41, 112
icons, Maya, 99, 101, 106, 107
Ida, Mt, 28, 35
ideas, flow of, 40, 82–3, 134
identity recognition, 88–9
ideology, 29–32, 38, 70, 75, 93, 145
Illinois, 117, 118, 119, 120, 123, 124, 125
imitation, 1, 27, 42, 60, 117, 118, 127, 134, 138, 141, 143, 148, 152
imperium, 94–5, 108
individual, role of in pre-state society, 77
information, 1, 8, 10, 27, 32, 35, 42, 64
flow, 6, 7, 8, 24, 38, 40, 43, 116, 152
in-group (*uchi*)/out-group (*soto*) relations, 82, 83
inhumation, 51, 63, 70, 71
Inland Sea, 83, 87, 88, 89, 90, 91
innovation, 8, 9, 10, 13, 26, 41, 61, 141, 145, 147, 151, 158
inscriptions, 31, 34, 52, 53, 81, 111, 112
insider/outsider concept, 82, 83
insignia, Maya, 100, 106
institutions, 2, 4, 8, 10, 11, 15, 16, 41, 42
interaction, 16, 18, 38, 40, 43, 70, 77, 114, 149, 151, 152, 153, 156, 157, 158
within Aegean Sea, 39, 43
between cluster components, 150
between core areas, 128, 135
between craftsmen, 71
definition of, 152
by design, 47–58
élite, 15, 89, 110, 135, 152
evidence of, 130–2
by individuals, 52–3, 77, 151
intermediate-scale, 6, 7, 35
inter-regional, 120
inter-site, 112
local, 120, 125
long-distance, 70, 128, 135
Maya peer polity, 93, 95, 110–12, 114
Minoan Crete, 38–42
nature of, 8–10, 15, 158
networks of, 128, 129, 135, 146, 152, 156
peaceful, 95, 106
political boundaries as barriers to, 24
between processes and individual action, 78
social context of, 129, 132, 136, 151
supralocal and intralocal, increase in, 122
symbolic, 11, 18, 150
'interaction sphere', 6, 114, 115, 151
interest group formation, 83
intermarriage, dynastic, 25, 26, 93, 113, 150, 152
internecine conflict, 106, 124
inter-regional networks, 117, 137, 141, 145
Ipswich, Suffolk, 71, 72, 73, 77
Ireland, 63, 127, 128, 129, 130, 131, 132, 134, 135, 136, 138
Italy, 38, 50, 51, 53, 54, 62, 64, 72, 75
Iuktas, Mt, 28
Izumo, 87, 91
jaguar
scroll-topped, scroll-mouthed, 99–106
trappings of, 96
jaguar bar, Palenque, 99, 101
jaguar complex, central to definition of royal power, 106
Japan, 79, 81, 82, 83, 84, 85, 87, 88, 89, 90, 91, 150
Japan Sea, 87, 90, 91
jewellery, 70, 71, 72, 76, 77, 89
jiehao, 79, 81
Kamares Cave, 35, 37
Kamares ware, 35–8
Karako, 91
Kato Zakros, 21, 26, 27, 28, 29, 31, 34, 37
Kazu, 91
Kent, 71, 72, 76, 77
keyhole tombs, 84–7, 88, 89, 90, 91
see also mounded tombs
Khania, 21, 25, 34, 37
Kibi, 87, 90
kin, kin groups, 146, 150
Kinai region, 87, 88, 90, 91
kingdoms, 24, 25, 26, 27, 41, 49, 67, 72, 76, 79
in Anglo-Saxon England, 70, 71, 72, 75, 76, 77
Frankish, 71, 76
kings, 31, 66, 67, 69, 81
Anglo-Saxon, 72, 73, 75, 76, 77, 78
Viking, 75, 76

Index

- kingship, 8, 9, 41, 66, 67, 68, 72, 75, 76, 99
kinship, 4, 25, 107, 114
Knossos, 20, 21, 23, 24, 25, 26, 27, 28, 33, 35, 37, 39, 40, 43, 44
Kohunlich, 103, 104, 106
koine
cultural and ideological, 19, 27
stylistic, 38
Korea, 79, 81, 82, 83, 88, 90, 91
kouros statues, 57, 62
Kroton, 50, 51, 53
kuni (countries), 79, 83, 84, 87
Kyushu, 83, 87
Kyushu theory, 83
- labour, 71, 86, 88, 107, 110, 130, 133, 134, 144, 145
control of, 88, 107, 134, 135, 153
language, 1, 2, 10, 13, 21, 23, 63–4, 76, 83, 110, 157
La Tène culture, 62, 64
law-codes, 24, 49, 50, 52, 53, 54
leaders, leadership, 71, 72, 76, 94, 95, 121, 124, 125, 153, 155
lead/lag relationships, 125
legislation, 47, 54, 69, 78
legitimacy, 76, 153, 154, 155
legitimation of power, 31, 41, 49, 95, 153, 154
Levant, the, 37, 38, 39, 40, 41, 42
linguistic groupings, 151, 153
literacy, 31, 32, 33, 79
Lokris, Lokrians, 50
Lokroi Epizephyrioi, 50, 53
- Macedon, Macedonians, 49, 52, 66
Makimuku, 86, 89
Mallia, 20, 21, 25, 27, 28, 33, 37, 40, 42
manufacturing industries, Anglo-Saxon, 75
mapping-on (of behaviour), 122
Mari, 27, 40
market-places, 75, 110
market system, 75, 76, 95
marriage, 17, 25, 67, 89, 113, 114, 158
see also intermarriage, dynastic
mason's marks, 35
mass production, 10, 35, 37, 41, 107
material culture, 21, 24, 59, 60, 62, 64, 90, 91, 137, 143, 144, 145, 153, 157
homogeneity of, 88, 106, 109, 151
material goods, 1, 8, 10, 27, 40, 82–3, 88, 112, 146, 156
perception of as substances of value, 156, 157
- Maya, 6, 93–116
agricultural methods, 107, 110, 114
arguments for growth and decline, 115
centres, 93, 94, 106, 107, 108, 109, 110, 112, 113, 114, 115
ceremonial centres, 4–5, 153
'Classic Maya collapse', 93, 94, 95, 108, 114–15, 155
festivals, 95–6, 107
integration at élite level, 114
political charter, 93, 94, 95, 96–7, 98, 101, 106, 108
public ritual, 96
religion, 93, 94, 97, 98, 101, 102, 104, 106, 107, 110
rise, 112–14
rulers, 25, 93, 95, 99
unification attempts, 93, 94–5
warfare: *see* warfare, Maya
Mediterranean, the, 4, 37, 42, 60, 62, 147
meetings, at supra-polity level, 106, 114, 158
see also pan-Hellenic games and festivals; pan-polity gatherings
megalithic tombs, 129, 141, 147
Melos, 11, 26, 127, 156
mental map, 154–5, 156
mercenaries, 51, 60, 67
merchants, 67, 114
Mercia, 72, 73, 75, 76, 77
Mesoamerica, 25, 93, 102, 107, 112, 115
Mesopotamia, 9, 23, 27, 28, 90
metal, 41, 60, 146, 147, 156
metalworking, 39, 40, 43, 60, 64, 75, 141, 145, 146, 147, 148
Metapontion, 50, 51
metrological systems, 27–9, 72, 77
Mexico, 95, 103, 108, 109, 114, 149
'Middle Saxon shuffle', 71, 78
Minoan civilisation, 11, 13, 19–45, 127
ashlar masonry construction, 42
central courts, 27, 28, 29, 35
contact with Near East, 38–42
continuity of material culture, 21
cultural homogeneity, 24
élite pottery styles, 35–8
Old Palaces, 26, 28, 34, 35, 38, 39
orientation of buildings, 28
palatial design and layout, 27–9
peak sanctuaries, 29–32
social complexity, development, 21, 23
society, 27, 35, 41
writing systems, 32–5
see also palaces, Minoan; palatial centres; palatial civilisation
'Minoanisation', 20, 25, 26, 39, 40
missionaries, 73, 75, 77, 158
mobilisation of population, 110, 119, 120, 121, 122, 123, 152, 158
monumental architecture, 5, 8, 16, 27, 28, 157
monumental building(s), 7, 8, 16, 27, 107, 123
monument construction, 110, 128, 134
labour requirements for, 130, 133, 134–5
monuments
Greek, 13
Maya, 96, 101, 105
Neolithic Britain, 128, 129, 130, 132, 133, 134, 135, 136, 141, 144, 145, 148
mortuary practices, *see* burial practices
Mounded Tomb culture, 83, 84, 90
mounded tombs, 83, 84, 88, 90, 91
mounds, circular, 130, 134
murals, 26, 112
of Maya warfare, Bonampak, 96, 99, 100, 101, 102, 105, 106, 108
mutual constraint (increased consistency in kinds of goods exchanged), 122
Mycenae, 25, 48, 52, 129
Mycenaean civilisation, 11, 13, 20, 24, 25, 26, 27, 49, 155
myths, Maya, 93, 98
- Nara Basin, 84, 86, 87, 89, 90, 91
nation state(s), 2, 4, 7, 19, 43, 76, 78, 82, 93, 112, 153, 155
Naxos, 11, 13, 49
Near East, 5, 11, 21, 28, 33, 34, 35, 37, 38, 41, 154, 155
neo-Marxist approach, 6, 10, 72, 77, 78
networks
of interaction, 18, 43, 156
local residential, 117
in non-hierarchical societies, 155–6, 157
Nintoku mausoleum, 87
nomadic pastoralist groups, 148
Northumbria, 72, 76, 77, 78
'null cases', 43
obligation, 121, 125
Ohio, 117, 118, 119, 120, 123, 124
Ojin mausoleum, 87
Okayama region, 90
oligarchic government, 66, 67
Olympia, 16, 54–5, 155, 158
Olympic festival, 54–5
Olympic games, 54, 157
oracle(s), 47
of Apollo, Delphi, 53–4
oracle bones, 79
organisational change, 6, 7, 76, 82, 135, 149
organisational complexity, 7, 128, 135, 136, 152, 153
Orkneys, 128, 129, 130, 131, 132, 134, 135
ornaments, 60–1, 62, 63, 64, 72, 89, 91, 96, 101, 145, 146
Osaka plains, 87
Otsukayama Tomb, 90–1
- palaces, 27, 42, 71
Minoan, 23, 24, 25, 26, 27–8, 31, 34, 35, 37, 38, 39, 40, 41, 42
Mycenaean, 23, 24, 55
Near Eastern, 27, 28, 41, 42
palace system, collapse of, 21
palace-temples, 23, 41
palace workshops, 35, 37
Palaikastro, 34, 37, 43
palatial centres, Crete, 20, 21, 23, 24, 28, 38, 41
palatial civilisation, 20, 21, 23, 25, 26, 27, 38, 39, 43
palatial design and layout, 27–9
Palenque, 93, 97, 98, 99, 100, 101, 102, 106, 107
Palenque Triad, 97–8, 100, 102, 105
pan-Hellenic games and festivals, 16, 54, 157
pan-Hellenic sanctuaries, 13, 51, 53, 54, 55, 58, 158
see also Delphi; Olympia
pan-polity gatherings (of élite), 16, 106
Passage Graves, 128, 129, 130, 131, 132, 133, 134, 135
pax Minoica, 25
peak sanctuaries, 29–32, 34, 41
peer polities
development of, 82, 89, 91, 115, 151
in European Iron Age, criteria for, 60
peer polity interaction
analysis of, 69, 70, 78, 150, 153
approach to, 6, 18, 19, 21, 24, 27, 35, 38, 42, 44, 70, 128, 149, 150, 151,

Index

- 152, 156
bridge between existing schools of thought, 152;
see also bridging theory
concept of, 1, 7–8, 44, 51, 59, 63, 68, 82, 112, 114, 115, 116, 117, 123, 125, 126, 143, 151, 153, 155, 157
as a conscious process, 58, 153
criteria for, 7, 76–8, 127, 151, 153
framework of, 44, 115
Hopewellian, 120–5
model of, 15, 19, 47, 49, 58, 70, 77, 82, 127–8, 134, 135, 136, 148, 151, 153
role of in state formation, 154
role of in state system of organisation, 43
spheres of, 115
perception of material goods as substances of value, 156, 157
peripheral societies, 90, 152
Peten, 107, 110, 114, 115
Phaistos, 20, 21, 25, 26, 27, 28, 29, 33, 34, 35, 37, 40
'Phaistos disc', 33
pilgrimages, 106, 107, 108, 114, 158
polis, 20, 47–55, 57–8, 66
political centralisation, 31, 68
political complexity, 40, 150
political institutions, 1, 2, 4, 63, 66, 67, 68
political organisation, 26, 66, 94
polity(ies)
definition of, 59, 63, 66, 68, 82, 106, 108, 148, 150, 151, 156
development in clusters of, 151
geographical determinants of, 50
Late European Iron Age, nature of, 66
Late La Tène, historical evidence for, 64–6
Maya, reproduction of contingent on sacrifice, 96
simultaneous emergence of, 31
study of individual versus groups of comparable, 152
population, 11, 19, 20, 49, 73, 94, 108, 109, 110, 144, 150
aggregation, 2, 4, 119, 120, 141, 156; *see also* residential aggregates
density, 1, 8, 119, 120, 121
growth, 6, 41, 72, 76, 78, 114, 115, 124, 143, 146
nucleation, 114, 115
pressure, 107, 110, 115;
see also demographic pressure
portable objects, 81, 128, 130, 131, 132, 133
Portugal, 141, 146, 147
potlatch, 8, 155
potters, 71, 110
pottery, 31, 32, 39, 40, 60, 63, 72, 73, 78, 79, 106, 109, 129, 131, 132, 133, 138, 141, 143, 145
adoption of kiln, 64
fineware, 26, 36, 40
Hopewell, 120, 123
introduction of wheel, 37, 41
Kamare ware, 35–8
painted, 37, 39, 49, 57, 60, 64, 106, 109, 110
production of, 35, 37, 38, 41, 60, 64
styles of, 26, 31, 35–8, 121–3, 145
time-lags in adoption of style of, 45
wheel-thrown, 35, 64
see also Bell Beakers; Corded Ware; Grooved Ware
pottery marks, 32
power, 8, 44, 76, 135, 136, 144, 151, 153
relations, 1–4, 130, 154
prestige, 8, 49, 66, 120, 122, 146, 147, 156
prestige goods/items, 35, 138, 145, 147, 148
acquisition of, 83, 152
control of, 83, 89, 145, 147, 148
élite and, 41, 83, 88, 148, 152
exchange of, 35, 37, 41, 60, 71, 76, 77, 78, 89, 91, 117, 133, 148
limited circulation of, 141
manipulation of to symbolise group membership, 89
as means of communication with gods, 88
metal, 146, 147
production of, 82, 83, 88, 89
social context of use of, 148
status and, 41, 145, 147
trade in, 72, 73, 89
prestige kits, 147
primary states, 1, 11
'prime mover' approach, 6, 44
'pristine' states, 6, 19, 20, 149
production, 49, 78, 90, 91, 95, 117, 149
élite control of, 83, 91
intensification of, 1, 6, 8, 10, 35, 41, 60, 78, 89, 107, 120
inter-regional, 89
localisation of, 89, 90, 91
specialised, 41, 64
surplus, 107, 121
see also mass production
production beyond subsistence (PBS), 8, 120, 121, 146
production–distribution systems, 69, 71, 76, 77
production system, constraints on, 135
Pylos, 24, 25
pyramids, 4, 106, 153
Quadripartite Badge, 103, 104, 106
Quartier Mu, 28, 37
raiding, 112, 124
rank, ranking, 44, 70, 94, 149, 155
rank–size analysis, 68, 86
raw materials, 60, 62, 64, 88, 91, 117, 118, 120, 121, 136
redistribution, 23, 152
regalia, 88, 99, 101
regional grouping of polities, 68, 112
religious sanctions as means for development of political centralisation, 31
residential aggregates, 117, 120, 121, 124, 125
residential nucleation, 119, 122
residential settlements attached to palace centres, 23
resources, 8, 11, 16, 35, 41, 60, 78, 90, 107, 113, 115, 124, 146, 151, 156, 158
Rhine, the, 73, 75, 141, 143, 145, 146, 147
ritual
activities, 31, 119
areas, 5, 27, 28, 30, 31, 64, 119, 158
power and authority, 130, 135, 136, 146
practices, 8, 31, 38, 59, 63, 64, 119
ranking of centres, 93
structures, 63, 64, 68
system, 38, 145, 146
rituals
associated with war, 95, 106
of sacrifice, 106; *see also* iconographic complex of Maya war and sacrifice
rivalry, 51, 55
Rome, 49, 62, 64, 66, 67, 68, 70, 71, 158
rulers, 24, 25, 26, 41, 49, 93, 95, 99, 150, 153
sacrifice, 30
see also auto-sacrifice; blood sacrifice; cult sacrifice; death-sacrifice; decapitation sacrifice; human sacrifice
sacrificial victims, 95, 96
sakaki (tree) branch, 88
Saki, 86
Samos, Samians, 55, 56
sanctuaries, 42, 55
see also pan-Hellenic sanctuaries; peak sanctuaries
sanctuaries, inter-state, *see* pan-Hellenic sanctuaries
Scandinavia, 128, 130, 131, 135
Scotland, 128, 130, 131, 132, 134, 138
scripts
alphabetical, 13, 55
hieroglyphic, 24, 26, 33–4, 110
Linear A, 24, 26, 31, 33–5
Linear B, 23, 24, 26, 34–5
proto-Linear A, 34
scroll cartouche, 103, 105
scroll-topped jaguar, 99–106
sealings, seal impressions, 26, 32, 33, 34, 40, 41
seals, sealstones, 26, 31, 32, 33, 34, 38, 39, 40, 41
'secondary' states, 1, 6
segmentary societies, 25, 119, 129, 148, 151
Seibal, 110–11
settlements, 28, 31, 57, 62, 70, 73, 75, 130, 132, 133, 150, 151
density of, 120
dispersed, 2, 64, 106, 141, 143
distribution of, 86, 95
expansion of, 41, 143, 146
geographical determinants of, 50
hierarchisation of, 11, 19, 20, 23, 34, 38, 59, 60, 63, 68, 70, 84, 86, 111
nucleation of, 70, 123
patterns of, 2, 64, 71, 106, 119, 124, 125, 141, 143
systems of, 69, 70, 71, 76, 77
shrines, 31, 64, 91
Sicily, 49, 50, 51, 54, 56, 57
Siphnos, 11, 13, 15, 54
situational ethics, 95, 96, 154
see also warfare, Maya, rules of slaves, 60, 66, 95, 108
social change, 78, 125, 127, 129, 138, 145–6, 148
social complexity, 2, 6, 7, 18, 20, 21, 23, 43, 79, 130, 135, 148, 151
social development, 77, 79, 82, 90, 130
social differentiation, 138, 141, 147

Index

- social hierarchy(ies), 60, 120, 124, 144, 145
- social organisation, 5, 6, 7, 8, 41, 42, 62, 63, 66, 68, 79, 82, 108, 117, 125, 128, 137, 138, 144, 151
- social relations, 123, 148, 154, 156
- social stratification, 41, 43, 51, 62, 68, 70, 71, 83, 88, 90, 130
- social systems, 117, 125, 135
- societies, 68, 148
- early state, 10, 16, 31, 150, 151, 154, 156
- literate, 16, 150
- non-complex, 127, 151
- non-literate, 16
- non-state, 6, 156
- undifferentiated, 127, 135, 150, 151, 155–6, 158
- see also under individual headings*
- socio-political change, 6, 19, 44, 62, 68, 76, 78, 153
- socio-political development, 39, 68, 151
- Southampton, 72, 75, 78
- see also* Hamwih
- Spain, 95, 96, 102, 107, 109, 136, 147
- see also* Iberia
- Sparta, 13, 25, 52, 54, 55, 114
- states, 24, 25, 42, 59, 66, 152
- early, 1, 2, 4, 27, 32, 150, 151
- emergence of, 11, 20, 43, 64, 149, 151
- European criteria of, 154
- evolution of, 44, 149
- formation of, 6, 11, 19, 32, 39, 40, 41, 43, 44, 47, 70, 76, 78, 79, 81, 150, 151, 152, 153–5
- origins of, 19, 20, 48, 83, 151
- paradigm of, 11
- statehood, 11, 43, 47, 52, 58, 154
- state-level polities, 41, 81
- state societies, 5, 6, 20, 153, 154, 155, 156
- status, 71, 147
- differentiation of, 143, 145
- divine, 99
- élite, 41, 54, 66
- enhancement of, 8, 18, 66
- grave goods as indication of, 141, 143, 145
- group, 8, 82
- individual, 71, 143
- prestige goods and, 8, 41, 145, 147
- royal, 76, 106
- wealth and, 8, 66
- stelae, 5, 81, 100, 101, 105, 108, 110
- stimulus, 8, 39, 121, 125
- stone circles, 130, 133, 134
- Stonehenge, 129, 145
- stone lintels, Yaxchilan, 96, 99, 101
- stratified/ranked societies, *see* hierarchical societies
- stress, ecological and demographic, 115
- structural homologies, 4–5, 8, 18, 28, 38, 43, 62, 75, 76, 83, 150, 151
- 'structuralist' approach, 18
- structures in society, 1, 10, 35, 152
- stylistic codes, 125
- stylistic *koine*, 38
- stylistic standardisation and imitations in valuables, 120, 121–3
- subordination, 1, 19, 38, 84, 93, 127, 150
- subsistence, 119, 120, 121, 123, 124, 125, 137, 141, 143, 146
- sumptuary rules, 83, 86
- sun, in Maya iconography, 98, 99, 100, 101, 103, 104, 105, 106
- sun shield, 100, 101, 102
- superior–inferior framework, 79
- supralocal élite groupings, 83, 88, 89, 90
- surplus, 107, 121
- Sutton Hoo ship burial, 71, 72, 76
- Switzerland, 59, 63, 64, 66
- Sybaris, 50, 51, 53
- symbol and belief systems, 94, 108, 125
- symbolic entrainment, 8, 9, 10, 13, 29, 77, 78, 155, 156
- symbolic exchange, 40
- symbolic hallmarks, 120, 125
- 'symbolic intensification', 41
- symbolic interchanges, intermediate-scale, 38
- symbolic structures, 42, 158
- symbolic systems, 2, 5, 8, 15, 18, 28, 29, 34, 71, 75, 136
- symbols, 35, 64, 83, 88–9, 118, 119, 122, 125, 135, 145, 152, 154
- homogeneity of, 63–4
- material, 16, 152, 154
- of power, 93
- shared, 128, 135, 136
- to unify hierarchically organised society, 31
- symmetrical relationships, 18
- 'synoecism', 48
- Syracuse, 51, 54
- Syria, 20, 39, 40, 42
- system collapse (hypercoherence), 155
- systemic interaction, 78
- systems theory, 150, 152
- 178
- Tamazukuri, 91
- Tatesuki burial, 90
- temple
- of Apollo, Eretria, 55
- of Apollo, Thermon, 55
- 'GT', Selinous, 56
- of Hera, Samos, 55, 56
- of Hera, Tiryns, 55
- 'Old' of Artemis, Ephesos, 56
- of Olympian Zeus, Akragas, 56
- of the Sun, Palenque, 99, 100, 101, 102, 106, 107
- I, Tikal, 100
- temples
- Greek, 11, 49, 55, 56, 58
- Maltese, 8
- as a medium of rivalry, 42, 55–6
- Teotihuacan state, 114
- territorial hierarchies, 72, 83–8, 150
- territorial size, 19, 49, 148
- 'thalassocracy of Minos' concept, 25
- see also* 'Minoanisation'
- Thera, 26, 31, 54
- Thiessen polygon, 24
- Tikal, 94, 100, 102, 105, 106, 107, 110, 111, 113, 114, 115
- timber circles, 130, 133, 134
- Tiryns, 25, 52, 55
- tomb location, territorial implications of, 135
- tombs, 25, 31, 34, 42, 90, 130, 131, 132, 133
- chamber, 38
- communal, 43
- monumental collective, 129
- see also* keyhole tombs; megalithic tombs; mounded tombs
- tonghao*, 79, 81
- tools, 30, 64, 110, 146
- towns, 23, 34, 64, 155
- see also* urban sites
- trade, 8, 10, 20, 72, 73, 91, 111, 149
- Anglo-Frankish, 71, 76, 77
- élite, 109, 113
- external, 11, 40
- of ideas, 82–3
- as an information carrier, 152
- intermediate, 116
- international, 35, 76, 77
- inter-regional, 11, 89
- long-distance, 41, 70, 78, 107, 152
- regional, 110
- trade routes, 110
- traders, 72, 107, 157–8
- trading settlements, 77, 78
- see also* gateway communities
- trading systems, 75, 77, 79
- travel, 26, 157–8
- treasuries, 13, 15, 54, 58
- treasury construction as symbol of élite status, 54
- Treasury of the Siphnians, 15
- Tribal Hidage, 72, 76, 78
- tribal units, tribes, 2, 4, 76, 117, 151, 157
- tribute, 94, 95
- truce, 106, 107, 108
- Tsushima, 83–4
- Tylos, 26, 34
- urban sites, 41, 64, 155
- us/them relations, 82
- vases, 30, 31, 39, 40, 155
- vessels, 37, 106, 109, 119
- Vikings, 72, 75–6, 77, 129
- Vila Nova de São Pedro culture, 146
- villages, 2, 18, 43, 50, 70, 82, 86, 109, 119, 120
- Vix krater, 61
- warfare, 1, 8, 16, 25, 52, 62, 67, 79, 107, 127, 141, 147, 150, 152, 155
- Anglo-Saxon, 71, 72, 76
- Greek, 13, 47, 49
- Japanese, 81, 89
- Minoan, 27
- New Guinean, 16
- see also* internecine conflict
- warfare, Maya, 93–108
- as aspect of political charter, 95, 108
- charter for, 96
- concepts of, 95–6
- élite and, 94, 95, 107, 108
- iconographic complex of, 99–106
- as instrument of conquest and statecraft, 95, 107
- regalia, 99, 101
- rules of, 95, 96, 107, 108, 154
- sacred, 108
- situational ethics of, 95, 96, 154
- as source of high-born sacrificial victims, 95, 96, 97, 98, 106
- warriors, 16, 27, 66, 67, 68, 70
- wars of conquest, Maya, 94–5, 107, 108
- wealth, 8, 68, 77, 153
- weapons, weaponry, 30, 61, 62, 63, 71, 89, 146
- weights and measures systems, 2, 8, 29, 38, 64, 156
- Wei Zhi* (Chinese dynastic history), 83, 84
- Wessex, West Saxons
- in Anglo-Saxon period, 72, 75, 76, 77, 78, 158
- in Neolithic/Bronze Age, 128, 129, 130, 131, 132, 134,

Index

135, 141, 144–6, 148
Wessex Culture, 129, 145
world system approach, 6, 10,
149, 150, 152

writing systems, 2, 5, 8, 32–5,
38, 64, 110
written documents, 24, 26, 32,
150, 156, 158

179

Yamadai/Yamatai, 83, 84
Yamato, 83, 87, 90, 91
Yamato theory, 83

Yorkshire, 128, 129, 130, 131,
132, 134, 135, 145, 146
Yucatan, 94, 95, 104