

INDEX

- achievement, *see* contractual relations, political stratification
 Achievement Hypothesis [H4], *see* political stratification
 Adams, R. E. W., 149, 190, 192–193
 administration
 efficiency, 121, *see* information processing/information-theoretic approaches
 hierarchies, 22–23 and n3, 137
 political policy-implementing, 11n, 140
 agricultural reserve, 101n, 126, 203, 225
 Agrinier, P., 46–47, 168–169, 228 and n
 Ahmed, A. S., 246–247
 analogies, 1, 4–5, 16, 34–37, 38, 49, 221, 234, 236
 ancient complex polities
 overviews versus single case studies, 6–7
 reasons for study, 1–6
 as a scale of study, 7–8, 12, 213–214
 anthropological archaeology, 1, 3, 4–5, 49, 217, 248, 252–253
 archaeological testability, 33–34, 37–39, 52, 235, 236, 236–237, 241
 ascription, ascriptive relations, 20–21, 23–24, *see* political stratification
 Ascription Hypothesis [H3], *see* political stratification
 Ashmore, W., 228n

 Bailey, G. N., 50, 51
 ballcourt at Tenam Rosario, as political microcosm, 46–47, 168–169 and n 5, 228 and n, 229
 Basin of Mexico, 17, 18, 59, 67, 90, 121, 198, 211n 3, 213
 Binford, L. R., 251
 Binford, L. R. and J. A. Sabloff, 244
 Blanton, R. E., 166
 Blanton, R. E. *et al.*, 12, 17–18, 26, 36n, 89–90
 bridging arguments, 1, 5–6, 50–53, 234–235, 236–237, 242–243, 246, 249
 Bullard, W. R., 85
 bundled continua of variation, *see* continua of variation

 bureaucracy
 political policy-implementation, 11n
 professional, 36, 48, 140, 188, 236

 cargo analogy, 102n
 catchment analysis, 197–198, 204
 catchment productivity, 197–199, 200–202
 centers
 defined (versus sites), 78, 80
 CH ranking, 144–145
 PH ranking, 78–82
 SDI versus PH, 149–150
 SDI versus VH, 150–151
 SH ranking, 142–143
 VH ranking, 142–145
 Central Mexico, 2, 7, 11, 12, 21, 214, 215 and n 7
 Central Place Theory, 88n
 centralization subcontinuum
 see forced settlement
 in the Rosario polity, 96–115
 theoretical aspects, 19–21
 see tribute drawing, tribute flow, tribute imposition
 CH, Complexity Hierarchy, *see* political hierarchies
 Chang, K.-C., 57
 Chichen Itza, 91, 92, 209
 civitas, 11, 15, 176, *see* *societas-civitas* subcontinuum
 class conflicts versus vertical political cleavages, 88, 95, 193–195
 Classic Maya collapse
 and Catastrophe Theory, 14
 comparisons within Maya area, 67, 215 and n 6, 216, 226
 comparisons to Highland Mesoamerica, 28–29, 212–213
 pathological hypercoherence, 28, 213, 215–216
 in the Rosario polity, 46, 58–59, 169 n 5, 207, 212, 214, 215–216
 scales of study, 213–214, 215
 climate cycles, 209, 214
 climax-crash assumption, *see* contemporaneity difficulties
 colonial idealized paradigm, 31, 47, 163, 171, 228 and n, 231
 consensus-conflict debate, 95
 contemporaneity difficulties in settlement studies, 55–67

 association with differences in site size, 59
 building-scale and housegroup-scale contemporaneity, 62–66
 climax-crash assumptions, 58–59, 96, 103, 179, 206, 210 and n, 211, 212, 222
 site-scale contemporaneity, 60, 62
 spatial coverage, 56, 57–58
 temporal dimensions, 56, 57
 ward-scale contemporaneity, 62
 contexts of discovery and validation, 34–37 *passim*, 65, 66, 92 n, 94
 continua of variation
 advantages over societal typologies, 13, 17, 33, 217
 bridging arguments, 52–53
 role in conceptualizing ancient complex polities, 9–10, 217–218
 theoretical alignment in bundles, 10, 16–19, 207, 218, 237
 contractual relations, 20–21, 23–24, 26
 controlled comparison, 8, 32, 67 and n, 207–208, 212–215 *passim*, 219–220, 223–224, 225, 226, 230, 233–234, 243, 253
 Copan Valley, 65, 67n, 85, 107n, 177, 178, 214, 224, 234, 243
 core features of society (Blanton *et al.*), 17, 21, 35
 Cozumel, 147, 164, 230, 246
 critical archaeology, 251–252
 cross-level forced settlement, *see* forced settlement
 cultural time, 57
 cycles, *see* developmental/demographic cycles

 delegation of authority
 subcontinuum
 in the Rosario polity, 106, 107, 114
 theoretical aspects, 21
 demographic plateau effect, 221, 224
 developmental/demographic cycles
 domestic-scale, 60, 163, 176, 178–179, 184–188, 209, 210 and n, 211, 222 n 3
 regional or district-scale, 120, 139, 203, 211–212, 221–222
 site-scale, 198, 211

- differentiation subcontinuum
 in the Rosario polity, 116–134
 theoretical aspects, 19–21
 dogmatic falsificationism, 34, 207
 domestic cycle, *see* developmental/
 demographic cycles
 Domestic Cycle Hypothesis [H1],
 see political stratification

 Earle, T. K., 120, 199
 Easton, D., 16–17, 217, 240
 economic exchange, 25–26, 93n,
 197
 economic specialization, 25, 93,
 197–198, 202–203, 204 and
 nn 3–4, 205
 El Rosario [RV163], 60–62, 68,
 69n, 70, 71–74, 77, 174,
 179–180, 185–186, 210–211,
 244–245
*environmental to political chain of
 reasoning* in Maya studies, 8–9,
 26, 52, 64–65, 102n
 equifinality difficulties in settlement
 studies, 67–70
 building- and housegroup-scale
 equifinality, 68–70
 district-scale equifinality, 70
 and n
 site-scale equifinality, 70
 ethnohistoric evidence (for
 screening analogs), 36, 48, 94,
 140–141, 236, 238, 239

 Farriss, N. M., 210
 Feinman, G. and J. Neitzel, 23n
 feudal models, *see* Maya political
 structure
 Firth, R., 11n
 forced settlement
 aggregate forced settlement,
 129–130
 in ancient complex polities,
 92–93
 archaeological examples, 90–91
 compared to other settlement
 determinants, 93–96
 cross-level forced settlement, 96,
 97–102, 100, 101n, 102
 definition, 87–89, 195
 elite, 191–196, 221, 224–225
 elite versus commoner variants,
 88, 195
 ethnohistorical examples, 91, 92
 and n
 hinterland population measure,
 102
 paramount forced settlement, 96,
 97, 99, 129–130
 and political microcosms, 231
 in the Rosario polity, 96 and n9,
 97–102, 129–130, 245
 Spanish *reducción* or *congregación*,
 89–91, 92n
 top-down (versus bottom-up)
 properties, 89–90, 93–94, 95
 and n
 form to function arguments in
 settlement studies, 74–75
 formalism (from economic
 anthropology), 5, 6, 21, 87, 89,
 94, 192, 237, 238–239, 246,
 247
 free-market microeconomics, 36,
 89, 94, 246
 Freidel, D., 92n, 148–149, 194–195
 Freidel, D. and J. A. Sabloff, 147,
 246
 functional classification of
 buildings, 76–77

 generalizing approaches to ancient
 complex polities, 1, 3, 5–6,
 239, 243
 Genetic Model in Maya studies,
 12, 35, 65, 102n, 236
 Giddens, A., 140
 Goody, J. R., 209
 Grand Theory, 19, 237

 hierarchical regimes, *see* pyramidal-
 hierarchical continuum
 Highland Chiapas, 35, 54, 66, 140,
 192
 Highland Guatemala, 48, 67n, 140,
 192, 215 n7
 Highland Mexico, 7, 12, 54, 62, 78,
 85, 90, 178, 226, 233, 241–242
 household archaeology, 188, 242,
 247–248

 inference ladder, 9
 information processing and/or
 information-theoretic
 approaches, 22–23, 28, 36, 87,
 95n, 140, 143–144, 147,
 153–160, 211, 220–221, 223,
 225, 235–236, 237
 integration subcontinuum
 in the Rosario polity, 134–138
 theoretical aspects, 19–21

 Johnson, G. A., 221

 Kowalewski, S. A. *et al.*, 17–18,
 96, 102, 220–221

 Lee, T. A., Jr, 169–170

 Marcus, J., 86, 93, 104n
 Maya political structure
 analytical versus synthetic
 approaches, 7–8, 16, 18
 compared to Central Mexican
 political structure, 7, 12, 21
 cyclical interpretations, 12,
 209–210, 213
 emics and etics, 209
 epigraphic studies, 47–48, 239n
 ethnoarchaeological studies, 49,
 117
 ethnographic studies, 48–49
 ethnohistoric studies, 140,
 209–210, 212
 feudal models, 11, 23, 148,
 192–193, 195, 228
 research questions, 29–31
 societal typologies, 9–10, 11–12,
 21
 Maya settlement
 dispersal and swidden, 64–65
 dual residence, 65, 66, 166
 elite settlement distribution,
 191–196
 ethnographic analogy, 64, 65,
 102n
 ethnohistoric studies, 91, 92 and
 n, 95
 social scale, 77n, 244
 Mayapan, 91, 92, 164, 194, 209,
 230, 232
 mechanical-organic continuum
 definition, 18, 218
 in the Rosario polity, 197–205,
 225–226
 theoretical aspects, 25–26
 Merton, R. K., 235
 methodological determinism, 246
 and n
 methodological holism, 13, 244,
 247 and n, 249
 methodological individualism, 26,
 67, 237, 244, 246, 247 and n,
 248, 249
 middle range abstraction in
 approaches to ancient complex
 polities, 1, 5, 36–37, 214, 233,
 234–237, 238, 244, 248, 251,
 252–253
 middle range theory, 5, 38,
 234–236, 237n, 245–246, *see*
 bridging arguments
 Miller, A. G., 215n
 Miller, D. and C. Tilley, 251–252
 model building, 32–39
 modified methodological
 individualism, 237–238,
 246–247, 249
 monolithic brands of archaeology,
 250–252
 Monte Alban, 17, 90, 92, 95, 96 n
 8, 164, 166, 167, 230
 mortuary studies, 184, 186, 188 n 3

 New Archaeology, 37, 38 and n,
 251, 252
 nominal definitions, 16, 86, 93,
 217

 Oaxaca, 12, 17, 90, 96n, 107 n 14,
 137, 147, 164, 166, 167, 178,
 203, 213
 Ocosingo Valley (Tonina), 67n, 243
 Ojo de Agua [Tr-152] center and
 polity, 46, 55, 171, 222,
 227
 organization, *see* political
 organization
 origins research, 1–2

 paramount forced settlement,
 see forced settlement
 particularizing approaches to
 ancient complex polities, 1,
 238
 patron-clientism, 148, 227, 237
 PCI, Plaza Count Index, *see*
 political specialization
 Peten, 54, 178, 228n
 PH, *see* Political Hierarchy
 plaza-count hierarchy (R. E. W.
 Adams), 149

- plazas
 distribution of population around, 78
 numbers in Tenam Rosario versus districts, 151–153, 227
 ranking within Tenam Rosario, Tenam Level (TL), 165–166, 227–228, 232
 SDI versus VH, 151–153
 at Tenam Rosario, 163–164, 227, 153
 VH ranking, 145–146
- political anthropology
 action theory, 3, 87, 235, 237–238
 Africanist studies, 25, 30, 34–37 *passim*, 235, 236, 238
 culturally modified action theory, 237–238
 Eastonian continuum-oriented approach, 3, 29, 217, 219, 240
 role in archaeology of complex societies, 3, 5, 33, 213, 251
 structural-functionalism, 3, 5, 19, 37, 235–238 *passim*
 transactionalism, 21, 95n
- political backwash effect, 222–223
- political durability, 27
- political hierarchies
 Complexity Hierarchy (CH), 144–145
 Size Hierarchy (SH), 142–143, 145
- Volume Hierarchy (VH) for centers, 143–145
 Volume Hierarchy (VH) for plazas, 145–146
- Political Hierarchy (PH), 40, 45, 78–81, 82 and n, 142, 145–146
- political microcosms
 comparative cases, 164–165, 166, 167, 169, 230–232
 correlates, 230–231
 intrasite hierarchical levels, 232–233
- political offices
 pressure of contenders on, 24, 30
- political organization (versus structure), 11n, 206
- political specialization
 architectural correlates, 147–149
 horizontal specialization, 161–162
 and integration, 136, 137 and n, 138
 measures in the Rosario polity, 141, 143–144; Structure Diversity Index (SDI), 147–149; Plaza Count Index (PCI), 147, 149 and n
see pyramidal-hierarchical continuum
 vertical specialization, 141
- political stability, 27, 213
- political stratification dimensions
 archaeological correlates, 173–176
 ascription versus achievement, 23–24, 184–188, 224;
 Achievement Hypothesis [H4], 186; Ascription Hypothesis [H3], 186; domestic cycle, 184–188; Domestic Cycle Hypothesis [H1], 185–186, 210–211; Ranking Hypothesis [H2], 185–186, 210–211
 contenders for political office, 188–191, 208, 255
 elite forced settlement, 191–196, 221, 224–225
 group versus individual stratification, 24, 176–183, 224
 political structure (versus organization), 11n, 206
 polity, definition, 7, 40, 41–42
 population pressure in politics, elite versus general, 24, 221
 positivistic versus humanist archaeology, 37–39
 presentist approaches, 39, 251–252
 preservation difficulties in settlement studies, 71–72
 primate states, 93, 232
 problem orientation, 38, 243, 250–251, 252
 processual, diachronic archaeology, 56–58, 67, 68, 71
 proximity arguments, 74–75, 179
 PS, Political Span, 110, 154, *see* pyramidal-hierarchical continuum
 Putun Gulf Coast, 47, 214, 215 n 6
 Puuc zone, 32, 216 and n
 pyramidal-hierarchical continuum defined, 18, 218
 hierarchical regimes, 22, 141
 horizontal political specialization, 161–162
 information-processing efficiency, 153–160; Political Spans (PS), 154–160; site complexity (CH), 160
 pyramidal regimes, 22, 141
 Rosario polity, 141–153, 223–224
 theoretical aspects, 22–23, 140–141
- Quiche Maya, 140, 164, 167–168, 176–177, 178, 224, 228n
- Raab, L. M. and A. C. Goodyear, 234–236
- Ranking Hypothesis [H2], *see* political stratification
- rank-size analysis, 95n
- real definitions, 14, 15, 86, 93, 217
- Regional Growth Cycle Hypothesis, 211–212
- reification, 13, 247
- Renfrew, C., 232
- replication, *see* differentiation subcontinuum
- research phases or stages, 240–243, 249–250, 252
- research questions
 1 (segmentary-unitary continuum), 29, 114, 218–223
 2a (pyramidal-hierarchical regimes), 29–30, 141, 223
 2b (scale limitations of pyramidal regimes), 29–30, 141–142, 153, 223–224
 2c (pyramidal regimes and fission), 29–30, 207–208, 224
 3a (group political stratification and ascriptive access to office), 30, 176, 224
 3b (group political stratification and segmentariness), 30, 176, 184, 196, 224
 3c (group political stratification and fission), 30, 188, 196, 208, 225
 4a (mechanical-organic economic solidarity), 30, 197, 225
 4b (mechanical-organic economic solidarity and segmentariness), 30, 197, 225–226
 5 (segmentariness and fission), 31, 208, 226
- Rosario polity
 colonial relations with the Usumacinta Lowlands (Yaxchilán), 31, 46–47, 171, 215, 226, 228
 environmental zones, 122
 general features, 7, 40–47
 relations with neighboring polities, 40–42, 46, 169–171, 226, 228
- Rosario polity districts
 areas, 118–120
 defining features, 40, 76
 environmental composition, 122–125, 139, 198, 199 and n, 200–202, 204, 221
 population sizes and densities, 120–123, 124–128, 200–202
 spatial distribution, 45
- Rosario Valley survey
 fieldwork methods, 54–55
 prior research, 42–43, 55
 setting, 46, 54
- Roys, R. L., 92n, 210
- RU, Resource Unit, 200–202
- Sabloff, J. A., 246
- Sanders, W. T. *et al.*, 59
- scales
 of analysis, 7–8, 32, 53, 71, 116–117, 194, 213–214, 242, 244–249
 of coverage in settlement studies, 70–71
 demographic scale as a factor in politics, 17, 139, 153, 220–221, 223–224
- SDI, Structure Diversity Index, *see* political specialization
- Seibal, 245
- segmentary states, 15, 22 and n
 segmentary-unitary continuum definition, 18, 218
 in the Rosario polity, 96–139, 218–223
 theoretical aspects, 19–21
- segmenting to non-segmenting continuum
 definition, 18, 218
 in the Rosario polity, 206–216, 226
 theoretical aspects, 27–29;
 collapse, 212–216, 226;
 development cycles, 209, 210
 and n, 211 and n 3, 212; social

Index

287

- segmenting to non-segmenting continuum (*cont.*)
 statics and dynamics, 206–209, 226
- settlement
 determined by political factors, 9, 51–52
 dispersal and political centralization, 50–51, 52
see Maya settlement
 top-down versus bottom-up approaches, 244–246, 247, 248–249
 typology, 86, 93, 102n
- SH, Size Hierarchy, *see* political hierarchies
- Site Growth Cycle Hypothesis, 211 and n 3
- sites
 definition, 77–78
 sizes, 82–85, 142–143
 sizes and political importance, 83, 84, 85–87, 96, 142
- Smith, C. A., 191–192
- social and/or cultural evolution, 1, 188 n 3, 209, 237
- societal typologies, 12–16, 217, 239
- societas*, 11, 15, 176, *see societas-civitas* subcontinuum
- societas-civitas* subcontinuum
 in the Rosario polity, 188 n 3
 theoretical aspects, 20–21
- Southall, A. W., 22
- Spanish colonialism
 town planning, 31, 47
 forced settlement of Indians, 89–91, 92n
- spatial-structural political environment, 219, 222–223
- spatial plateau effect, 20, 27–28, 54–55, 96 n 8, 139, 198, 208, 220, 223
- Spencer, C. S., 147
- stationary state, 57
- Steponaitis, V. P., 18, 102–103, 211 n 3
- stratification, *see* political stratification
- stratification continuum
 definition, 18
 in the Rosario polity, *see* political stratification
 theoretical aspects, 23–25
- structural, synchronic archaeology, 3, 56–58, 66–67, 68
- structure, *see* political structure
- substantive versus methodological theory, 50, 51, 246
- substantivism (from economic anthropology), 5, 6, 25–26, 36 and n, 89–90, 94, 140, 237, 238, 247–248
- TBS, Tribute Base Size, *see* tributary catchments
- TDI, Tribute Drawing Index, *see* tribute drawing
- Tenam Rosario (RV164)
 compared to Rosario polity centers, 162–163, 229
 compared to Upper Grijalva Tributaries regional centers, 169–171, 227
 domestic settlement, 69–70, 79, 162–163, 180–182
 plazas, 80, 151–153, 163–166, 227–228, 232
 political microcosm, 82, 162–169, 227–229, 230
- Teotihuacan, 90, 92, 95, 96 n 8, 178, 194, 195, 232, 248
- TH, Tenam Hierarchy, 165
- Thiessen polygons, 108, 110, 155, 157–159
- Tikal, 54, 62, 65, 77–78, 167–168, 203, 228n
- TL, Tenam Level, *see* plazas
- TLI, Tribute Load Index, *see* tribute imposition
- Tourtillot, G., 245–246
- tributary catchments
 for the PH in the Rosario polity, 108, 110
 Political Span (PS), 154, 157
 Thiessen polygons, 108
 Tribute Base Size (TBS), 98, 108–111, 128–129, 190 and n 6, 191
- tribute drawing
 Rosario polity, 104–107, 130–131
 TDI and integration, 135–136, 138
 Tribute Drawing Index (TDI), 98, 104, 106, 130–131
- tribute flow, 102–104, 157
- tribute imposition
 per capita burden, 107
 Rosario polity, 111–114, 131–133
 TLI and the integration subcontinuum, 135–136, 138
 Tribute Load Index (TLI), 98, 107 and n 13, 108, 111–114, 131–133, 190 and n 5
- Usumacinta Lowlands and centers, 31, 40, 46, 47, 215, 228n
- Utatlan, 164, 167, 177, 230, 231
- Valley Floor (vf-vfe) area to total area, 123–124
- Valley Floor (vf-vfe) hectares per dwelling, 127–128, 202
- Valley Floor Zone (vf), 122
- Valley Floor Eminence Zone (vfe), 122
- visibility difficulties in settlement studies, 72–74
- VH, Volume Hierarchy, *see* political hierarchies
- Vogt, E. Z., 102n, 236
- volumetric analysis
 information projection, 68, 69, 103, 104, 109, 111, 117–118
 labor investment, 68, 69, 103–104, 109, 117
 methodological difficulties, 102–104
 political power and monumentality, 104n
 tribute, 69, 102–104
- Wilk, R. R. and W. L. Rathje, 247–248
- Wolf, E. R., 209
- Wright, H. T., 56
- Yucatan, 48, 64, 67n, 91, 92 and n, 140, 147, 148, 164, 177–178, 193, 209–210, 215 n 6, 224