Index

American Southwest
population levels and mobility, 129–30, 131, 133, 134
prehistory of, 26–8
social networks, 130–1, 131–2, 133–4
spatial variation in ceramic designs, 122–6
temporal variation in ceramic designs, 126–9
Amsden, C., 18
Arnold, D. E., 87, 88
artifact form, see form of artifact attributes
decisions, hierarchy, 41–2, 47, 53
on different vessel forms, 17–18, 98, 112–13
primary versus secondary forms, 47–9
rates of change, 108–11
substitutability, 41–2, 42–3
Aymara, 84, 85

Balfet, H., 76
Binford, L. R., 15, 115–16, 120–1
Black Mesa, 60, 77–8, 82, 108–9, 129, 131–2
Black Mesa style, 127
Braun, D. P., 11, 85, 90, 117–18, 140
Broken K Pueblo, 11, 14, 43, 44, 62, 107, 114, 123
Bunzel, R. K., 13, 17

Carlson, R. L., 46, 47–8, 49, 107
Carter Ranch Site, 7, 8, 11, 40, 55–6, 74, 107, 114, 123
ceramic vessels
covariation of decoration and form, 90–2
covariation of temper and decoration, 89–90
covariation of temper and form, 92–3
ethnographic information, 83–8
functional types, 93–4
Chaco Canyon, 58–60
Chagnon, N., 21–2
Chevelon Canyon
archaeological research in, 28–9
culture history, 29
dating of sites, 32–3
functional analysis of ceramics, 89–95
location and environmental characteristics, 28, 132–3
population estimates, 129
settlement distribution, 31–2
site density and size, 31–2, 78–9
social networks, 133
see also Purcell-Larson
Chontal, 87
Cibola area, 75, 108, 123, 125
Cibola White Ware, 26, 29, 32, 33, 49–50, 63, 65–6
see also PGM
Clarke, D. L., 41
Clear Creek, 65, 79–80
Cleland, C. E., 121, 141
Colton, H. M., 69, 127
Connor, J., 11
Cronin, C., 22–3, 124
Index

Danson, E. B., 58, 127–8

data collection
  excavation, 28, 38–9
  surface collection, 38
  survey, 28, 35–8

Day Burn, 37, 80

Dean, J. S., 16, 99, 105

De Atley, S. P., 86, 87

Deetz, J., 4, 115, 120, 139

Deutchman, H. L., 60
design classification
  attribute analysis, 41–2, 44–50
    of Chevelon ceramics, 44–50, 53
    problems with previous research, 40–1, 42–4
  symmetry analysis, 44–5

Dethlefsen, E., 4

Diegueno, 86, 87, 88

exchange
  American Southwest, 20, 55–6, 60–2
causes of, 20–2
  Chaco Canyon, 58–60
  Chevelon Canyon, 73–4
  Rio Grande Valley, 56–8
  study methods, 54–5
  stylistic variation and, 22, 75–6, 112, 139
  vessel types, 61

Fontana, B. L., 84

Ford, R. I., 130
form of artifacts, 17–18, 97–8, 112–13

Friedrich, M. H., 5, 17, 45–6, 47, 48, 49

Garrett, E., 55–6, 62, 66

Gila Polychrome, 58

Grasshopper area, 124, 128

Gumerman, G. J., 15, 63, 133–4

Hantman, J., 107, 108

Harnar, M. J., 84

Hay Hollow Valley, 7, 8, 31, 47, 74, 77, 124, 128, 129

Hill, J. N., 14, 41, 42–3, 44, 117, 136

Hodder, I., 5–6

Hopi, 5, 6, 62, 86, 87

Hopi Buttes area, 67, 82, 129, 133–4

information exchange theory, 15, 117–19, 120, 136–8, 140

Irwin, G. J., 76

Judd, N., 59

Kamia, 84

Kana-a style, 126–7

Kidder, A. V., 60, 126

Kinthigh, K. W., 114, 123, 124, 140

Lightfoot, K. G., 107

Lino style, 126–7

Lipc, W. D., 81

Little Colorado Black-on-white, 26, 29, 32, 33, 63–5, 66, 67–8, 73
  see also SSbO

Longacre, W. A., 8, 40–1, 47, 55, 62, 117, 124

Maricopa, 84, 86

Martin, P. S., 8, 129

Matson, R. G., 7, 125

Maya, 85, 87

Mesa Verde, 82, 125

Mesa Verde Black-on-white, 59

mobility, 130, 131, 133, 134

Mohave, 84, 85, 86, 87

motor habit variation, 115, 117, 120, 121, 135–6

Navajo, 84, 85, 86

New York, 139–40

normative theory, 115–16, 120–1, 134

Papago, 84, 85, 86

PGM, 32, 33, 34

chemical composition, 68–9
design analysis of, 50–3
design attributes, 70, 98, 112
design change through time, 105–8
mineral composition, 65–6
Index

orifice diameter of vessels, 72
spatial distribution, 63, 65
vessel forms, 72
see also Cibola White Ware
Pima, 84, 85, 86, 87
Pinedale area
ceramic assemblages on sites, 95–6
site size, 85, 86–1
surface collections, 38
survey strategy, 35–8
Plog, F., 8, 23, 31, 89, 129–30
Pueblo Bonito, 59–60
Puercan style, 107, 127
Purcell-Larson area
archaeological research in, 28
artifact density on sites, 77–8
ceramic assemblages on sites, 95–6
dating of sites, 99–105
excavations, 38–9
functional analysis of ceramics, 89–95
site size and density, 32, 77
subsistence-settlement system, 76–8, 81–2, 96
surface collections, 38
see also Chevelon Canyon
PSO, 32, 33, 34, 75
see also Tusayan White Ware
Rappaport, R. A., 20–1
Read, D. W., 33–4
Redman, C. L., 44, 75–6, 108, 123
Reserve Black-on-white, 107, 108
Rio Grande Valley, 56–7, 130
Roberts, F. H. H., 127
Rogers, M. W., 84
Russell, F., 84, 87–88
St. Johns Black-on-red, 98, 123
St. Johns Polychrome, 123
Salmon area, 7, 125
San Ildefonso, 86, 87
Schiffer, M. B., 16
Shepard, A. O., 54, 56–7, 58–60
Skinner, S. A., 63
Snowflake Black-on-white, 33, 50, 55–6, 63–4, 74
social interaction theory, 1–3, 5–12, 115, 116–17, 120, 134
social networks, 130–1, 131–2, 133–4
Southwest, see American Southwest
Spier, L., 84
SSHo, 32, 33, 34
chemical composition, 68–9
design analysis of, 50–3
design attributes, 70, 112
exchange of, 71, 75, 74, 75
frequency variation through time, 73–4
mineral composition, 65–7
orifice diameter of vessels, 72
spatial distribution, 63–5
vessel forms, 72
see also Little Colorado White Ware
Stanislawski, B. S., 5
Stanislawski, M. B., 5
stylistic drift, 115, 116, 121, 135, 141
stylistic variation
American Southwest, 122–9
ceramic vessel form, 17–19
exchange and, 19–22
explanation of, 12, 13, 24–5
importance of studies, 3–4
intersite/intrasite similarities, 2–3
Midwestern United States, 140
New York State, 139–40
oversimplification of studies, 13–14
space change, 2–3, 5–12, 122–6
subsistence-settlement systems and, 14–17, 97–8
theories of, 115–21, 134–40
time change, 1, 4–5, 22–4, 105–11, 112, 114, 126–9
subsistence-settlement systems, 14–19, 97–8
tree-ring dating, 99–104
Tschopik, H., 84
Tuggle, H. D., 42, 128
Tularosa Black-on-white, 50, 107, 108
Tularosa style, 107
Index

Tusayan White Ware, 26, 29, 32, 33, 73
see also PSO

upper Gila area, 123, 125

Wait, W., 68, 71–3
Wallace, R. M., 58
Warren, H., 57–8

Washburn, D., 7, 45, 125
Wasley, W. W., 126–7
Whallon, R., 8, 9, 116, 139–40
Wilson, J. P., 28, 47, 50, 63–4, 65, 71
Wingate style, 107
Wobst, H. M., 118–19, 136, 137
Yuma, 84, 85, 86, 87