Index

abandonment, 15; of Oneota
tradition areas, 271–72. See
also buffer zones; unoccu-
pied zones
aboriginal crayon drawings, 38
accoutrements, depictions of,
82-90. See also face paint;
headgear, headdresses;
hairstyles
adoption, of captives, 41
age, and scalping patterns, 32,
322, 323–28
age-grade societies, Arikara, 330
aggregation, 5, 272, 283
agricultural societies, 245. See
also horticultural villages
Alberta, 12, 52, 132
Alcova Redoubt, 237, 241, 258,
263, 264; bastions at, 254–55;
dates of, 250–53; as fortifica-
tion, 253–54; Shoshone
and, 261–62; wall systems at,
246–50; weapons at, 255–57
Algonkian (Algonquian) speak-
ers, 163, 273
Alkali Statin, 346
alliances, 27–28, 131, 273, 293,
300; Middle Missouri, 299,
301, 314–15
American Bottom, Oneota in,
270, 272
Americans. See Euroamericans
Andrews Lake, 15
animal pelts, 100; depictions of,
71, 88– <i>89</i>
animal tails, depictions of, 71,
85, 86, 87

Annis Village, fortifications at, 159, 173, 174 Anoka phase, 297 ANOVA tests, of Crow Creek scalping patterns, 323-29 Antelope Creek sites, 18, 19, 26 Apaches, 16, 203, 233, 234, 235, Apple River, Oneota on, 271 Arapaho, 50, 56, 57, 260, 337, 342 archaeological record, 361; evidence in, 6, 267–68 Archaic period, 10, 64, 153 architecture. See defense(s), defensive architecture; fortifications Arikara, 18, 27, 28, 172, 299, 330; attacks on, 120, 133; trade networks, 289-91, 292; women's roles, 331, 332-33. See also Crow Creek village Arkansas, 26 Arkansas River, 234; and Etzanoa, 197–98, 199; Late Prehistoric consolidation, 232-33; Wichita villages on, 200-206, 212, 216 armor: depictions of, 38, 42, 46; horse, 47-48, 50, 51, 52-54, 56, 63, 103, 111, 126-27, 128 arms. See weapons arrows: depictions of, 40, 44, 46, 47, 95; wounds caused by, 11-12, 13, 15, 29, 159, 271 artifact distribution, at battlefield sites, 349-50; in ditches, 184-85

Page numbers in italic indicate illustrations.

Arzberger site, 15, 20, 317 Bear Coming Out, 80 Assiniboine, 50, 54, 63, 289 Bear Gulch site (24FR2), 45, 55, 115; arms and Athabaskan/Athapaskan speakers, 26, 259 accoutrements depicted at, 70-82; battle Atherton Canyon site, 115, 117–18(n1); arms scenes at, 91-96; dress depicted at, 82-90; and accoutrements at, 70-82; battle scenes V-neck warriors at, 98–99, 117, 119(n10); at, 91-96; dress at, 82-90; warriors at, war parties in, 106–10; warriors and weapons depicted on, 67, 68-70, 90-91, 118(n4); 68–70, *8*7, 90–91, 106–10, 118(n₄), 119(n₁₀) atlatls, rock art depictions of, 12, 47, 64 shield warriors at, 49, 87, 109 attackers, vs. defenders, 194-96 bears, on shields, 80 attacks, 42, 120, 135; on Crow Creek village, Bear's Arm, 115 206-8; on fortified sites, 145-47, 194-96; bears ears headdresses, 85 triggers for, 28-29; on Wichita villages, Benick Ranch site, 11 Berlandier, Jean Louis, 213, 215 202, 203, 211, 213, 214-15; in winter counts, 128, 137-38 Besant points, 12 Austin phase, cemeteries, 11–12 Bethune burial, 11 autobiographies, warrior-art tradition as, Big Bend division/region, 171, 301; settlement pattern in, 306-7, 309, 312, 314 122-23 Big Foot, 122 Avonlea culture, 11, 258 Avonlea points, 258-59 Big Goose Creek site, 260 Big Horn Basin, 62 Avonlea site, 259 axes, 148, 159 Bighorn County site, 67, 69 Aztalan, 269 Bighorn-sheep traps, clubs used at, 76, 79 Big Sioux River, Oneota on, 272 Bad-Cheyenne division, 301; settlement patbioarchaeology, 318. See also osteological tern in, 306, 307, 309, 312, 314 evidence Bad Heart Bull, Amos, Lakota Victory biographic art, 104-5, 106; historic period, Dance, 127 116-17 baffle gates, 8, 9, 15, 176, 244, 359 bird bundles, depictions of, 88, 89 Bahm mound, 11 Bird Rattle, 58 Baker, Jim, 57, 64 bison, 5-6, 18, 21, 50; hide/robe trade, 212, 234, Ballard carbines, 339 235, 288; tails of, 85, 86, 87 bison hunting, 22, 126, 132-33, 197, 203, 233, bands, 129, 299, 300 Barnwell, John, 146 261, 284; fortified sites, 208-9; trade and, barriers, in villages, 150, 154 234, 235 bastions, 8, 9, 15, 20, 154, 155, 156, 176, 179, 218, Blackfeet, 38, 50, 56, 62, 84, 260; and V-neck 242, 244, 359; at Alcova Redoubt, 254-55; warriors, 98-99 Middle Missouri sites, 169, 171, 180, 183, 277, Blackfoot, 6, 50, 60; warrior depictions, 68–69, 280; Mississippian sites, 158, 159 98-99, 119(n10); winter counts, 123, 128, 132, battlefields, 6, 19, 33, 152; Mud Springs and Rush Creek, 339, 349-51, 352, 353 Black Hills, 337; rock art in, 127, 133 battle formations, 33, 115-16, 277; rock-art Black Kettle, 337 depictions of, 12, 13, 71, 75 Blasky mound, 11 battles, 57, 120, 164; Crow-Blackfeet, 6, 62; blockades, trade, 289 descriptions of, 101-3; Pierre's Hole, 257-58; Blood, on Musselshell River, 50, 54 rock art depictions of, 91-96, 115; in winter Blood Run site complex, 272 counts, 128, 129, 131-32, 135-36 Bloom Mound, 19, 15, 28 battle scenes, in rock art, 42, 44, 45, 51, 52, 57, Blue Earth area, Oneota in, 272 bodies, 10; dismembered, 15, 16, 24. See also 58, 70, 109-10, 115 beads, blue glass, 252, 253 skeletons

Bodmer, Karl, 37; illustrations by, 77, 87, 90, 118(n5) Boland site, 165, 167 Bold Counselor phase, 269-70 bone-chemistry analysis, 18 bones, 7-8; isolated, 25. See also osteological evidence; skeletons bonnets: bison-horn, 101; war, 99 boundaries/borders, ethnic and cultural, 26, 356 Boundary Mound, 10 bowmen, at Bear Gulch site, 71, 118(n4) bows, 5, 40, 171; rock art depictions of, 12, 38, bows and arrows, 40, 64, 72, 100, 127, 157, 164; at Alcova Redoubt, 256-57; and palisade construction, 158-59; rock art depictions, 38, cedar, 174 47, 71, 96, 118(n4), 125 bow-spears: decoration of, 90, 91; depictions of, 77–79, 80, 97–98, 118(n6) brave deeds, 99; records of, 121-22 breastworks, 257 Bridwell site (41CB27), 231 Brule, 17 Bruner Ranch, 128 Bryson-Paddock site (34KA5), 193, 209, 218, 212, 234, 235; defensible location of, 200-201; ditches at, 211, 219-24, 231; fortification at, 202, 203, 204, 205-6, 216; semi-subterranean structure at, 224-27, 228-30 Buffalobird-woman, 172 buffer zones, 27; Central Mississippi River valley, 272-73; Middle Missouri, 168, 169-70, 298-99, 307, 309 burials, 7, 10, 11-12, 162. See also massacres; skeletons Bushman, social structure, 357-58 bustles, feather, 85-87, 100 Caddoan speakers, 25, 26, 27, 145, 149, 169, 170, Cahokia, 30, 32, 169, 173, 270 calumet ceremony, 288, 358 Calumet of the Captain Ceremony, 300

Caddoan speakers, 25, 26, 27, 145, 149, 169, 170
273
Cahokia, 30, 32, 169, 173, 270
calumet ceremony, 288, 358
Calumet of the Captain Ceremony, 300
camps, Cheyenne, 342–43
canals, at Mississippian sites, 161
Cannibal House site, 270
cannibalism, 14
Cannonball division, 301; settlement pattern
in, 306, 309, 312, 314

captives, capturing, 4, 18, 103, 116, 120, 134-35, 145; depictions of, 46, 86; in winter counts, 133, 140; women, 41, 42, 43, 55-57, 99 Carboni site (24CB404), 44 cartridges, at battlefield sites, 339 Castile Landing site, 161 Castle Butte site, 69, 113, 114 Castle Gardens site, 67, 69, 86 casualties, 103; in winter counts, 129, 138-40 Catlin, George, 215; illustrations by, 77, 87 Cattle Oiler site, 180 causeways, 9, 359 cavalry: Plains Indian light, 345; US regiments, 347-49 Cayuga Lake, reconstructed village at, 166 celebration, of warfare, 41-42, 43 celt wounds, at Crow Creek Village, 271 cemeteries, 6, 11-12, 239 Central Plains tradition, 32, 270, 271, 297, 359; ceramics, 259-60 ceramics, 18; at Alcove Redoubt, 251, 253; Late Prehistoric, 259-60; at Middle Missouri sites, 26, 27, 32, 300 ceremonial-tradition rock art, 12-13, 29; shieldbearing and V-neck warriors in, 66-67 Champlain, Samuel de, 164, 165–66 charnel houses, burning of, 269 Cherokees, attacks on Tawakoni by, 214–15 chevaux-de-frise obstacles, 170, 282 Cheyenne, 19, 57, 234, 260, 291; attacks by, 337-38; battles with US military, 32-33, 349-51; camp organization, 342-43; military societies, 343-45 Chickasaw, 215 chiefly militias, 154 children, 133, 145; as captives, 99, 116, 134-35; scalping of, 331-32 China, Warring States period, 194 Civil War, US frontier army, 345-49 clans, Middle Missouri, 299 climate changes, 163; Middle Missouri, 167-68, 169, 179 clubs, 40, 79, 157, 158, 159, 164; rock art depictions of, 12, 29, 64, 72, 76, 77, 78, 97, 125 Coalescent tradition, 15, 16, 26, 169, 298, 300; migration, 295, 297; trade networks, 284, 293-94 cobbles, as weapons, 255-56

Colorado, Ceremonial-tradition rock art, 12 Colorado Volunteers, 337 Comanches, 18, 20, 24, 203, 213, 215, 234, 260, 261, 356 combat, 4, 277; hand-to-hand, 7, 96, 102, 117, 164; preparation for, 336-37; ranks of warriors in, 115-16; rock-art depictions of, 12, 70, 93-94, 95, 96, 98-99, 106-9, 112, 113, 114, 126 communities: fortified, 6, 16; planned, 170-71 competition: for Euroamerican resources, 17-18; resource, 22, 169; trade, 289-90 confederations, 299 conflicts, 131, 197, 274, 316; archaeological studies of, 3-4; interpolity, 156-57; intracultural, 190-91; Late Prehistoric, 262-63; scenes of, 40; trade-related, 290-92; in winter counts, 128-30, 135-40 Congressional Medals of Honor, for Wounded Knee massacre, 121 conical lodges, depictions of, 58-59 consolidation: Oneota tradition, 271-73; of southern Plains villages, 232-33 constricted/complex entrances, 159, 167 Contact period, 9, 16-17, 18-19, 24; rock-art depictions, 13, 37-38, 54 Cooke, Philip, 348 Cooper, Douglas, 215 corn caches, Arikara, 133 Coronado expedition, 16, 197, 232 corporate action, pre-contact warfare as, 103, 109, 112, 117 cottonwood (Populus deltoides), in Middle Missouri villages, 171-72, 174 Cottonwood station (Fort McPherson), 346 Cottonwood Triangular points, 250, 258, 259 council circles, 16, 30 counting coup, 103, 116, 139; with bow-spears, 97–98; depictions of, 13, 41, 43, 55, 59–60, 62, 93, 94, 95, 96, 99, 105-6, 114, 121, 129, 132 coup sticks, 60, 77, 79 craft production, specialized, 284 crania, scalping patterns, 322-28, 331-32. See also skulls Crawford Lake village, 166 Cree, on Musselshell River, 50, 54 Crenshaw site, 26 Crow, 6, 38, 41, 46, 56, 57, 60, 62, 118–19(nn7, 11), 132, 257, 260; on Musselshell River, 50, 55, 63

Crow Creek Sioux Tribe, 322 Crow Creek village, 15–16, 28, 180, 182, 197, 239; attack on, 206-8; massacre at, 121, 133, 135, 145-46, 169, 186, 206-7, 271, 295-96, 315, 316; radiocarbon dates, 22–23; scalping patterns at, 32, 320-21, 322-32 culture change, 274; archaeological evidence of, 267–68 curtain walls, 155-56, 242, 243

Dakota, winter counts, 123, 130, 131 Daly Petroglyphs (48CA58), 60-61, 62 dance, 40, 41, 42 darts, depictions of, 12 deaths, 5; Protohistoric, 240-41; in winter counts, 129, 138-40. See also massacres decapitation, 271, 319; depictions of, 60-62; Woodland period, 10, 11 Decker site, 67, 69 Deer Creek site (34KA3), 200, 201, 202, 203, 205, 209, 212, 234, 235; fortifications, 204, 216, 217-18, 219 Deer Medicine Rocks (24RB401), 59 defeats, 5, rock-art depictions of, 58 defenders, vs. attackers, 194-96 defense(s), defensive architecture, 5, 6, 15, 151, 153, 175-76, 178-79, 240, 244-45, 257; construction and maintenance of, 19-20, 30-31, 149, 150; features of, 8-9, 154-56; Mississippian, 157-63. See also by type deforestation, palisade construction and, 174 dehumanization, trophy-taking as, 330-31 demographics, 5, 7, 241, 276, 292; of Crow Creek victims, 322, 323-28 Denver, 346 Desert Side-Notch (DSN) points, 258, 259 DeSmet, Pierre-Jean, on bison-hide paintings, Des Moines River, Oneota tradition, 271 Devil's Canyon, Wichita village at, 215-16 diet, captives and, 18 Dillard site, 15 Dinwoody sites, 47 disease, 299; epidemic, 116, 134-35, 202, 203, 205, 234, 273 disembodied capture hands, in rock art, 86,

ditches, 8, 9, 15, 20, 30, 145, 148, 150, 154, 157, 163, 215, 231, 242, 359; artifact distribution

219–30; Deer Creek site, 217–18; defensive, 178-79, 180-81, 277; Middle Missouri sites, 169, 181-84, 187, 188-89; Mississippian sites, 158, 159, 160; Neodesha Fort sites, 216–17; purpose of, 177-78; V-shaped, 155, 156, 176. See also trenches documents, 37–38, 121; indigenous, 124–25 Dodd site, 182 Dog Soldier Society, 343 Donck, Adriaen van der, 165 Double Ditch site (32BL8), 180, 193 dress, rock art depictions of, 82-90 drought, 23, 24; Middle Missouri, 167, 179, 286; and resource competition, 22, 163 DSN. See Desert Side-Notch points Dull Knife, 19 Duncan site (34WA2), 208, 231, 232; as trade center, 233-34 Durkin Village, 207, 315 Dutisné, Claude Charles, 216

in, 184–85; at Bryson-Paddock site, 211,

earthlodges, useful life of, 171 earthlodge villages, 270; attacks on, 120, 129; as planned communities, 170-71; timber used in, 171-72 earthworks, 153, 154, 272; vs. fortifications, 188-89; on Middle Missouri, 180-84 Eastern Woodlands, self-bow, 158-59 Eastman, Charles and Mary, 121 East St. Louis site, 270 Eaton site, 165 EC. See Extended Coalescent tradition economy, 17-18, 24, 119(n12). See also trade, trade networks Edwards I site (34BK2), 208, 231, 232 egalitarian groups, violence, 238-39 Eleventh Ohio Volunteer Cavalry, 338 elites, 25, 192 Ellison's Rock site, 69, 105 Ellsworth, Richard, 338 embankments, 154, 156; at Mississippian sites, 158, 159, 160 EMM. See Extended Middle Missouri villages encientes, 153, 154, 242 enclosures: protective, 154-55; ritual, 153 enemies, 120, 130, 290, 294, 316; identifying,

26-27; rock art depictions of, 62, 133; on

southern Plains, 197, 202, 203

English, trade, 290 epidemics, 116, 134-35, 273, 299; among Wichita, 202, 203, 234 Erie, ancestral, 165 Escanjaque, 197, 198, 199 ethnic warfare, 295-96, 315-16 ethnography, ethnohistory, 54, 123, 147, 164, 300; and rock art, 37-38, 104-6; of warfare, 101-2, 268, 286-87 Etowah, 174 Etzanoa, 197–98, 199–200 Euroamericans, 21, 116, 121, 146, 212; economy and violence, 17-18; in Montana, 38, 54 Europeans, 234; Middle Missouri trade, 287-88, 290; written observations by, 16-17 Evans, John T., 289 evil activities, depicted in rock art, 47 expeditions, of small war parties, 136-37 experimental archaeology, 165 Extended Coalescent (EC) tradition, 273, 296, Extended Middle Missouri (EMM) villages, 169, 207-8, 296-97, 295, 307, 315, 316

face paint, rock-art depictions of, 81, 88 falcon-warrior imagery, 25 families, Middle Missouri villages, 299 farmers, farming, 6, 13, 163, 190; fortified sties, 26-27, 145; Middle Missouri, 15-16, 167; war and status, 24-25; Wichita, 199-200, 205 Fay Tolton site (39ST11), 14, 20, 25, 168, 316; ditch at, 182, 183; skeletal trauma at, 186-87 fear, of Other, 179 feathers, 84; in bustles, 85-87, 100; in flags, 90-91, 98 feet, removal of, 12, 24, 271, 321 females, scalping patterns, 322-30, 333-34 fending sticks, depictions of, 40 Fetterman fight, 129 feuding, Middle Missouri villages, 168 fighting postures, in rock art, 37, 41, 42 fighting units, depictions of, 91-92, 100-101, 106-10 fire, 105, 158, 204, 276, 360 Fire Heart Creek site, 180 Five Guys Petroglyph (24ML394), 51 flags: feather, 90-91; weapon, 99 flaked stone, Iroquoian sites, 165

flanked designs, in fortified villages, 148

Flatheads, 38, 46, 50 Garza phase, 231 floods, earthworks and, 184 gates, gateways, 154, 158, 167, 242, 244 fluffs, feather or hair, 91, 98 Gateway site, 69, 109 Footprint site, 15 Gebusi, 239 foragers. See hunter-gatherers gender, scalping patterns and, 32 force projection bases, 347 genocide, intervillage, 163 forces: size and power of, 194-96, 206-7; in Glenwood sites, 32 Southern Plains interactions, 203, 204, 209 Goffena site (24ML408), 51, 52 Fordville mound, 11 Good, Battiste, winter count of, 126 Fort Clark (Mitu'tahato's), 291 Gore Pit site, 10 Fort Frontenac, scurvy at, 146-47 Grand-Moreau division, 301; settlement patfortifications, fortified sites, 6, 8–9, 10, 14, 17, tern in, 307, 309, 312, 314 Grapevine Creek site, 243, 257 19-20, 145, 175-76, 190, 191, 242, 359; construction and maintenance of, 30-31, 147-48, Grass Dance, 41 Grattan fight, 129 149, 172-73, 193; defensive, 5, 179; with ditches, 181-84; in eastern North America, Gray Burial site, 10 153-54; features of, 154-56, 243-45; increased Great Basin, Numic speakers from, 259 building of, 156-57; Iroquois, 163-67; Great Bend aspect communities, 16, 232 landforms and, 151-52; Middle Missouri Greater Yellowstone Ecosystem (GYE), region, 15, 34, 277-78, 280-83, 306-7, 309, 312, Shoshone materials in, 261 314-15, 316, 317; military and political power, Great Oasis groups, 13 152-53, 194-96; Mississippian, 25, 157-63; Great Osage groups, and Wichita, 202, 203 Plains Village, 16, 167-72; purposes of, Great Platte River Road, 346 192-93; of seasonal camps, 208-9; sieges of, Gros Ventre, 76; on Musselshell River, 50, 54, 146-47, 257-58; social and economic condi-56-57 tions, 245-46; social structure and, 149-50; group identity, 149 on southern Plains, 231-33, 235; trade Groves phase, 270 networks and, 285-86; Wichita, 200-206, Gumby site (24GV139), 45, 51 211-16. See also refuge sites guns, 38, 287; depictions of, 40, 43, 47, 51, 127; Fort Laramie (Wyo.), 346; troops from, 337, on southern Plains, 203-4, 234; in warfare, 338-39 64, 103-4 Fort McPherson (Cottonwood), 346 Fort Mitchell (Nebr.), 346; troops from, 337, Hadza, 239 338-39 hairstyles, 333; rock art depictions, 82, 84-85 Fort Musselshell, 55, 60; captive women at, Hand of God motif, 118-19(n7); on shields, 80-81, 87 Fort Randall division, 301; settlement pattern handprints, in rock art, 46 hands: disembodied capture, 86, 99; removal/ in, 306, 307, 309, 312 Fort Robinson, Dull Knife's escape from, 19 taking of, 12, 24, 46, 271, 321 Fortune site, 161 Hanging Valley site, 10 fox pelts, depictions of, 88 hatchets, 40, 47, 91 French, 165, 216, 290; bison hide trade, 212, 235; hats, in rock art depictions, 38 on southern Plains, 202, 203, 234 head gear, headdresses, depictions of, 52, 66, fur trade, 18, 38, 273, 288, 289 82, 84-85, 101 heads: severed, 46, 60-62, 126, 269 gambling, on Musselshell River, 54 Heart River sites, 279, 293; fortifications, 280, games, competitive, 40 282-83; trade, 284, 285-86, 292 Garcia, Andrew, 64; on Musselshell tribes, Helb site, 9, 15, 359 heraldic designs, on shields, 66, 67, 80-81, 116 54,55

Hewlett South site (48CK1544), 61 Hidatsa, 28, 41, 102-3, 118-19(n7), 299; trade, 289, 290-91 Hidatsa-Crow, Spring Boy and Lodge Boy myth, 61 hide/bison robe paintings [bison hide paintings], 93, 120, 121-22, 123 High Rise Village, 251 Hilej site, 67, 69 Historia (Obregon), on Pecos, 16-17 Historic period, 76, 84, 85, 92, 99; biographic art, 116-17; combat scenes, 110, 113, 114; warfare, 101-2, 119(n12) history, 32; Lakota, 123-24. See also oral histories/narratives Hiwassee Island site, 173 Ho-Chunk, 130 home stations, US Army, 346-47 homicides, hunter-gatherer, 238-39 honors, earned, 99-100 Hopewell culture, 10 horned headdresses, 52 Horned Headgear site (24ML508), 52, 63 horse bonnet, 52 horses: armored, 17, 38, 47-48, 50, 51, 52-54, 56, 63, 64, 103, 110-14, 128, 287, 290, 348; in battle scenes, 45, 46; introduction of, 260-61; rock-art depictions, 12, 37, 43, 45, 84, 126-27; on southern Plains, 204, 234 horse stealing/raiding, 17, 46, 54, 55, 120, 135, 137; depictions of, 42, 114, 132 horticultural villages, 13, 14, 120; Middle Missouri, 27, 34, 169-71 horticulture, appearance of, 22 Hot Dance, 41 hot-rock cooking, 22 Howard, James, 123 howitzers, mountain, 352 Hueco (Waco) subdivision, 212, 213 Huff site, 15, 182, 282, 359 human remains, 14, 159 hunter-gatherers, 3, 6, 24, 163, 190, 237, 284, 360; fortified villages, 16, 26-27, 168, 170, 208-9; small-scale, 357-58; subsistence production, 21-22; violence, 238-40 hunting, 40, 47; bison, 22, 126, 132–33, 197, 203, 233, 234, 235, 261 hunting territories, competition for, 18, 120, 132-33

Huron Confederacy, 146 Huronia village, 166 Hyde, George, 123

IC. See Initial Coalescent sites identity, 5, 65, 149, 299 Illinois (people), 203 Illinois (state), Oneota, 273 Illinois River valley, Oneota, 269-70, 271 IMM. See Initial Middle Missouri sites immigration, immigrants. See migration Indiana, Oneota in, 271 Initial Coalescent (IC) sites, 279, 296, 297; Crow Creek village at, 206-7; fortifications, 154, 169, 170; in Middle Missouri, 309, 315; Oneota expansion, 270-71; warfare, 280, Initial Middle Missouri (IMM) sites, 32, 168-69, 279, 280, 293, 295, 296, 297; settlement pattern in, 307, 315; trade network, 283-84, 285-86, 292 injuries, 6, 8, 10, 19, 46; in Late Prehistoric skeletons, 240-41; traumatic, 159, 321 intimidation, fortifications as, 192 Inuit, 6, 26 Iowa, 9, 11, 15, 279, 296; Oneota in, 270, 271, 273; Plains Village groups on, 13, 14; trade networks, 32, 283-84 Ioway Tribe, 273 Iroquois, Iroquois League, 146, 148, 273, 278; fortification systems, 149, 163-67 Iscani subdivision, 206, 212 Itskari/Loup River phase, 259-60

James River (SD), 14, 15, 301 Jamestown mound, 11 Jebel Sahaba cemetery, 239 Jiggs Thompson site, 281 Joliet site (24CB402), 41 Julesburg, attack on, 337, 345 Juniperus virginiana, 174

Kansas, 12, 14, 16, 211, 216, 270; Contact period conflict in, 197–98; Late Prehistoric period, 232–33
KDEs. See kernel density estimates
Kelley, William Fitch, 121
Kelly, Yellowstone, 49–50, 58, 60
Kennewick man, 10

kernel density estimates (KDEs), 305; Middle Lee, C. W., 50, 56-57, 64 Missouri, 306-13, 314; univariate and Leonard, Zenas, 6, 62, 64; on Pierre's Hole bivariate, 303-4 battle, 257-58; on war and social status, Ketchen Village, 315 57-58 kinship systems, 288, 299, 300 Le Raye, 291 Kiowa, 61, 123, 260 Levels of War model, 340-41, 354; for Knife River, 291 Cheyenne and other tribes, 342-45, 351; for Knife River flint, trade networks for, 283-84 US frontier army, 345–49 knowledge, 336; of fortification construction Lewis and Clark, 289 and maintenance, 147-48 Like-a-Fishhook Village, 291 Koch, Peter, 257 Lipan Apache, 235 !Kung, 239 Little Big Horn battlefield, 19 Kutenai, 132 Little River focus, 232 Little Sioux River, 14 Lodge Boy, 61 La Barge Bluffs site (48LN1640), 41, 42, 69, Loeve-Fox site, 11-12 110, 113 labor, 5, 22; fortifications, 193, 280; palisade Lone Man, 184, 189 Longest site (34JF1), 201, 202, 204, 218, 235; construction, 173-74 La Crosse terrace, 273 fortifications at, 213, 219, 220-21, 223, 224, Lakota, 24, 27, 28, 118–19(n7), 127, 337, 342, 356; 228, 230; subterranean structures, 214, history, 123-24; Pawnee attacks on, 134-35; 226-27 winter counts, 120, 128, 130, 131, 132-33, longhouses, Oneota, 272, 273 Longwoods village, 166 135-40 lances: depictions of, 29, 40, 47, 48, 52, 72, 90, lookouts, women as, 57 Louisiana, fortifications in, 153 97, 98, 127 Landergin Mesa, 19, 31 Loup River/Itskari phase, 259-60 landforms, 5; defensible, 6, 155, 200-201; forti-Lower Mississippi Valley, 153 fied, 151-52, 246-50, 257 Lower St. Francis Basin, 161 Larson site, 18, 120, 269; massacre at, 133, 135, Lower Walnut focus, 199, 209, 232 Late Prehistoric I period, 9, 14 maces: rock art depictions of, 115, 125; spike, Late Prehistoric period, 15, 104, 117, 190, 232; 72-76, 97, 115 accoutrements, 85-91; battle depictions, Mackenzie, Charles, 291 91-96, 100-101, 106; ceramics, 259-60; magnetometer/gradiometer survey, Brysonconflict during, 262-63; counting coup in, Paddock site, 218, 220, 227–28, 229, 230, 231 105-6; headdresses and hairstyles, 82-85; maize agriculture, 22 offensive weapons, 71-79; projectile points, Making of Relations/Relatives rites, 300, 358

250–51; rock art, 67, 69–70, 115; shields, males: scalping patterns, 322-30, 333-34; 79-82; skeletal trauma, 240-41; war party status, 24, 25 malnutrition: at Crow Creek site, 23, 28, 186; sizes, 109-10; in Wyoming region, 240, at fortified sites, 146-47 258-59 Late Woodland period, 10, 12, 13, 14, 22, 26, Mandan, 28, 85, 90, 118–19(n7), 123, 139, 170, 184, 287, 299; trade networks, 289, 291 269, 284; interpersonal violence, 11, 157; Middle Missouri and, 296, 297, 316 mandibles, 10, 12, 26; traumatic injuries on, Lawson village, 166 321, 334 Leary site, 272 Manitoba, burial in, 10 Leavenworth site, 120, 133 Manuel Lisa site (24YL82), decapitations ledger-book drawings, 98, 120, 121, 122, 123, 127, depicted at, 61-62 132, 135, 276 manuports, at Alcova Redoubt, 256

Massacre Canyon (Nebraska), 17 military science, 340 massacres, 17, 133-34, 135, 270; Crow Creek, military societies: Cheyenne, 343-45; tactics, 16, 22-23, 145-46, 169, 206, 271, 295-96, 315, 316, 321, 334; in winter counts, 139-40; military tactics/operations, 103, 158, 287; force levels, 194-96; Plains Indian, 342-45, Wounded Knee, 121, 122 mass graves, 28. See also massacres 353-54; US cavalry, 340-42; 348-49, 351-52 MAUP. See Modifiable Areal Unit Problem militias, chiefly, 154 Mill Creek site, 14, 24-25 maxillas, worked, 10 Maximilian, Prince, 37, 100, 291 Minnesota, 296; Oneota tradition in, 269, 271, Mbuti, 239 McCoy, Ron, winter counts, 123-24 Mississippian culture, 25, 149, 269; defensive McCutchan-McLaughlin site, 12, 28 systems, 157-63; fortified towns, 153, 154, McKee Spring site, 69, 92 283; St. Francis type sites, 160-61 Mississippi River valley, buffer zones in, 272 measles, 202 medicine bundles, 100; rock-art depictions Missouri, Oneota in, 270 of, 88-89 Missouria, 273 Medicine Creek Cave (48CK48), 61 Missouri River, 10, 14, 289; farmers on, 13, Medicine Lodge Creek site, 260 15-16; settlement distribution, 23-24 Medieval Maximum, 163, 167 Missouri Trench, 242. See also Middle Missouri region memories, 149 Mitu'tahato's (Fort Clark), 291 men: and Cheyenne military societies, 343–45; Crow Creek scalping patterns, 322-30 mnemonics, winter counts as, 124 Menoken site, 26 moats, 157 Metis, 133 mobility, 234, 240, 253; camp logistics, 342-43 Michigan, Oneota in, 273 moccasin tails, 99; rock-art depictions of, Michigan, Lake, Oneota tradition and, 272, Modifiable Areal Unit Problem (MAUP), middens, at Mississippian sites, 160-61 Middle Archaic sites, 10 Mohawk/Mohican villages, 165 Middle Mississippian period, 269 Molstad Village (39DW234), 184-85 Middle Missouri-Coalescent, 149 Montana, 38, 259; decapitation depictions in, Middle Missouri region, 9, 19, 21, 22, 23, 34, 61-62; rock art sites in, 46-48, 64, 65. See 275, 317, 359; alliances on, 27-28; attacks also various regions, sites by name in, 129, 206-8; chronology and interaction, Mooney, James, 121 Moorehead phase, 270 297–98; climate changes on, 179–80; collective violence in, 276-77; ditches on, 180-85; Morning Star Ceremony, 134-35 ethnic warfare, 295-96; fortified sites, 15, 18, mortality rates, Mississippian, 159 20, 26-27, 66, 154, 167-72, 277-78, 280-83; motives, for warfare, 131-35 Mound Bottom site, 158 intervillage alliances, 314–15; Plains Village settlements, 13-14; population movemounds, 10, 153 ments in, 187-88, 296; settlement clusters, Moundville, 159, 174 293, 298–300, 301, 304–13; skeletal trauma Mud Springs Station, as battlefield site, 337, in, 185-87; trade networks, 32, 179, 283-84, 338, 339, 349-51, 353 287-88; undefended settlements, 278-79; Mummy Cave, 251 unoccupied zones in, 315-16 muskets, 12, 148 Musselshell River, 38, 39; armored horses Middle Woodland period, 10-11, 153 migration, 24, 218, 233; Middle Missouri depicted on, 47–48; environment, 48–50; region, 188, 280, 287-88, 295, 296, 297, 315 rock art on, 51-54, 63-64; tribal interacmilitary power, and fortifications, 152-53 tions on, 54-62; tribes on, 50-51

Musselshell site (24ML1049), 52 Omaha, fur trade, 289 mutilations, 8; evidence of, 15, 24-25, 32, 271, Oñate expedition, 197, 198, 199, 232 Oneota tradition, 26, 208, 269; consolidation 319, 334. See also by type mythology, 61 of, 271-73; expansion of, 31, 270-71; migrations of, 15, 24, 27, 169 operations, military, 342 Nagle site, 28 oral histories/narratives, 120, 122-23, 124, 125, Names Hill site, 69, 113 232; on earthworks, 184, 189; of warfare, narratives, recorded, 122-23 Nearest neighbor (NN) analysis, 302-3, 304, 101-3 305(table), 314 Orendorf site, 269 Nebraska, 14, 17, 32; Oneota groups, 15, 270, Ortiz Parilla, Diego, 206 Osage, 202, 203, 234 272 Nebraska phase, 15, 32, 270 ossuaries, 10, 15 Neeley's Ferry site, 161, 162 osteological evidence, 7-8, 10, 22, 30, 320, 360; Neodesha Fort (14WN1), 216-17, 232, 234 analysis of diet, 18, 23; of conflict, 185-87; Newark site, 153 of trauma, 239, 240-41, 277, 319, 322-30, New Mexico, and Wichita villages, 202 331-33, 334 New York, Iroquoian sites, 165 Other, 25; fear of, 179, 187 New Zealand, pa fortifications in, 194 Otoe, 273 Nez Perce, 50, 60, 260 Overland trail, US cavalry protection of, NN. See nearest neighbor analysis 351-52, 353 nomadic groups, refuges and, 242-43 Owasco villages, palisaded, 154 Nordstrom Bowen site (24 YL419), 47, 69, Oyarzún, Juan Ángel de, 213 Norris Farms site, 269 pa, 194 North Cave Hill site, 69, 74, 81, 112, 115, 127, Pacaha, 161 paleoenvironmental data, 22, 23 128, 129, 132, 134 Paleoindian/Archaic period, 9 North Dakota, 279, 312. See also Middle Missouri region Paleoindian period, burials, 10 Northern Plains, 154, 190. See also Middle palisades, 8, 9, 20, 30, 146, 148, 149, 154, 176, 179, 244, 246, 269, 270, 272; construction Missouri region Northern Shoshone, 41 and maintenance of, 147, 156, 173-74; at North Platte River Valley, 132, 262; Indian-US Iroquois sites, 163-67; at Middle Missouri military fights in, 337-39 sites, 169, 171, 172, 181, 183, 277, 282, 309; at North West Company, 289 Mississippian sites, 158–59, 160, 162–63; use lives, 157-58, 160; wind speeds and, 150-51; No Water Petroglyph site (48WA2066), 44, wood used in, 174–75 55, 69, 113 Palo Duro Canyon, Comanches at, 356 Numic speakers, 259 Nuptadi, 134 pandemics, 273. See also disease; epidemics Parker, Quanah, 356 Parkin site, 161, 162 Obion site, 158 Obregon, Baltasar de, Historia, 16–17 parrying fractures, 241, 319 Oglala (Ogallala) Lakota, 17; Making of parties, on Musselshell, 54, 63 Relations/Relatives rites, 300, 358; winter Pawnees, 17, 34, 132; Morning Star Ceremony, counts, 123, 128, 135-40 134-35 Ojibwa, 290 Pax La Roche, 273 Oklahoma, 10, 11, 12, 15, 18, 25, 208, 233; forti-Pax Oneota, 273 peace, 197, 291, 355-56; human cultures and, fied sites, 211, 212, 213-14, 231; Wichita villages in, 215-16 357-58; identifying, 358-59

Pecos Pueblo, 16, 17 240-41; Wyoming region, 260-62 Pend d'Oreille, 46, 115; on Musselshell River, proto-Lakota, 170 proto-Mandan/Hidatsa, 170 phalanxes, depictions of, 91-92, 100-101, proto-Mandan villages, 169 proto-northern Iroquoians, 163 pictographic records, 120. See also hide/bison Puebloans, 15, 18, 19, 28 robe paintings; ledger-book drawings pictographs, 38, 70. See also rock art radiocarbon dates, 70; Avonlea site, 259; Piegan/Peigan, 56, 103, 128; fortifications, 257, Bryson-Paddock site, 218; Crow Creek 258; on Musselshell River, 50, 54, 55 site, 22-23 Pierre's Hole battle, 257-58 raiding, raids, 4, 11, 17, 19, 120, 133, 157, 168, pikes. See maces 285, 343, 345; Iroquoian, 163, 164; steal-Pine Canyon site, 69, 113 ing women, 55-57. See also horse stealing/ Piney Creek site, 260 raiding rampart ditches, 282; at Bryson-Paddock site, Pinson site, 153 pipes, steatite, 252, 253 pipestone, 133 ranked men, rock-art depictions of, 71, 91-92, Plains Village period, 9, 11, 26, 33, 301, 316; 100-101, 106-10 fortified villages, 167-72; rock-art depicreciprocity, failed, 291 Recognition Rock (24RB165), 44, 69, 113 tions, 12-13 plunder, of Arikara corn caches, 133 records, 120. See also hide/bison robe paintpoint pattern analysis, 302 ings; ledger-book drawings; rock art; political relations: antagonistic, 148-49; fortiwinter counts fications and, 152-53 Red Canyon site, 69, 74, 105, 115 Ponca, trade networks, 289 Red Cloud, 356 Red River, Wichita sites on, 201, 206, 211, population movements, 15, 24, 240, 273; Middle Missouri region, 296, 297, 306–16 populations: Middle Missouri villages, 206-7, Red Wing (Minn.), Oneota tradition, 269, 208; Southern Plains groups, 197–99, 202 Populus deltoides, in Middle Missouri villages, refuge sites, 19; Alcova Redoubt, 237, 246-57; nomadic groups, 242-43 171-72, 174 Post-Contact Coalescent (PCC), 296, 297, 312 relationship-building practices, 300 pottery. See ceramics relocation, Iroquois villages, 166 Powder River Basin, 132 repatriation, of Crow Creek skeletons, 322 power, 359; fortifications and, 194-96; shields resources, 5; competition for, 22, 169; for and, 13, 41, 116 fortification construction and maintenance, projectile points: at Alcova Redoubt, 250-51, 30-31, 147-48, 156, 280; trade networks and, 253; and ditches, 184, 185; embedded, 7, 8, 10, 179, 289-90 11-12, 15, 28, 159, 186, 241; Late Prehistoric, "Retreat up the Hill," depiction of, 58 revenge, 64, 163, 203, 294 258-59 proto-Arikara, 145, 169, 170 Ridge, John, on Tawakoni village, 214-15 proto-Crow, 260 Ripley's K statistic, 303, 304–5, 306, 314 rituals/ceremonies, 47; battle reenactments, Protohistoric period, 99, 117; accoutrements, 40; depictions of, 41-42 85–91; Alcova Redoubt at, 250–51, 252, 264; River Bend site, 251 battle depictions, 91–96, 109–10, 113–14; counting coup in, 105-6; headdresses roaches, depictions of, 82, 84, 101 and hairstyles, 82-85; horses in, 110-13; robes, stealing, 56 rock art, 7, 17, 121, 122, 129, 132, 133, 240, 276, rock art, 67, 69-70, 115; offensive weapons, 71-79; shields, 79-82; violent deaths during, 360; battles on, 91–96, 115; bow-spears on,

77-79; captives on, 134, 135; ceremonial tradition, 12, 67-68; coup sticks/staffs on, 59-60; ethnographic interpretation and, 37–38, 104–6; feather bustles on, 85–87; headdresses and hairstyles on, 82, 84-85; horses on, 126-27, 128; ideology/iconography of, 24, 29, 41–46; interpreting, 64–65; medicine bundles on, 88-89; moccasin tails on, 89-90; on Musselshell River, 51-54, 55-58, 63-64; scalps and severed heads on, 60-62; shields on, 79-82; tipis and war lodges on, 58-59; V-neck warriors on, 98-99; warriors on, 12-13, 19, 66, 68-70, 100-101, 106-10; weapons on, 46-48, 71-82,

Rockshelter Shield site (24ML507), 52 Rosegate (Rose Springs) culture, 258, 259 Rosegate points, 259 Rose Mound, 161, 162 Rose Springs (Rosegate) culture, 258, 259 Rose Springs points, 258 Rush Creek (Nebr.), 337; battlefield, 338, 349-51, 352, 353 Rush Creek (Okla.), 215

sacred precincts, demarcation of, 150 sacred structures, 154 Sahkomaupee (Saukamapee), 12, 66, 106, 258; on bow and arrow, 71, 72; on warfare, 101-2, 110, 115-16 St. Francis River, 161, 162

St. Francis-type sites, 160-61, 162

St. Helena sites, 15

St. Ignace (Taenhatentaron), 146

St. Louis (Huron village), 146 Salish, 132, 246

scalplocks, as hairstyle, 333

Salix spp., in Middle Missouri villages, 171–72,

Sand Creek massacre, 337 Sand Hills, 337, 353 Sandoval, Felipe de, 201, 202, 205 Sand Prairie phase, 270 San Sabá mission, sacking of, 213, 235 Santee Sioux, 50 Sargeant Ossuary, 15 Saskatchewan, 10, 259 Saukamapee. See Sahkomaupee scaffolds, Iroquoian villages, 167

scalp-taking, scalps, 8, 10–11, 14, 15, 18, 24, 46, 116, 120, 126, 187, 319-20; at Crow Creek site, 32, 186, 271, 320-21, 322-30, 331-32; display of, 25, 127; rock-art depictions of, 52, 60, 84–85, 101; of warriors, 333–34; in winter counts, 131-32

scar-face motif, at West Rygate site, 52 scurvy, at Fort Frontenac, 146-47 seasonal camps, fortified, 208-9 security, 353; of Cheyenne camps, 342-43 sedentary groups, and fortifications, 245 self-bows, 5, 158-59 self-portraits, in rock art, 63 self-representation, in rock art, 29 Semai, 238-39

settlement/site clusters, 293; analysis of, 302-4; Middle Missouri, 298-300, 301,

settlement patterns, 293; Middle Missouri, 23-24, 276, 293, 301, 306-16

settlements, 24; defensive, 6, 15; Plains Village, 13–14; undefended, 278–79 Seventh Iowa Volunteer Cavalry, 338

severed heads, rock-art depictions of, 46,

sex, and scalping patterns, 322-30 Shea site, 170, 208

shield-bearing warriors: depictions of, 12, 13, 66, 67, 68–69, 80, 81, 87, 88, 93, 94, 95, 100-101, 109, 118(n2), 125; headdresses and hairstyles on, 82, 84-85; weapons carried by, 71-76, 96-98, 118(n₄)

shields, 5, 46, 85, 99, 102, 119(nn11, 14), 148; depictions of, 12, 13, 37, 42, 44, 45, 47, 49, 51, 64, *67*, 69, *77*, 79–82, *87*; supernatural power and, 100, 116

Shoshone, 63, 258, 259, 260, 261-62 shrines, protection of, 154 Sicanju Lakota, winter counts, 128, 135-40 sieges, of fortified sites, 146-47, 257-58 Siouan speakers, 27, 145, 149, 169, 170, 273 Sioux, 57, 60; on Musselshell River, 50, 64; trade, 290–91

skeletons: Crow Creek village, 271, 321, 334-35; traumatic injuries on, 6, 7–8, 159, 167, 185–87, 239, 240-41, 269, 277, 319

Skiri Pawnee, 129; Morning Star Ceremony, 134-35 skirmishes, 120, 129

skulls, 26; scalping patterns on, 323–28, 331–32; traumatic injuries on, 8, 11, 321, 334; trophy, 14, 15, 24-25 slaves, slave trade, 18, 99, 135, 234 smallpox epidemics, 202, 299; and captives, 116, 134-35 Smith, John, 159, 214 Snake Indians, 103 social complexity, 191 socialization, 26 social meaning, 149 social stratification, in Arikara societies, 330 social structure: Arikara society, 331, 332-33; and fortifications, 149-50 society, 54; integration of warfare in, 32, 34 sodalities, 300 Sommers site, 180 Sonota complex, 10 Soto, Hernando de, 159, 161 South Carolina, 146 South Dakota, 9, 24, 271, 279, 280, 301, 312, 314; Arikara in, 18, 27; Initial Middle Missouri sites in, 32, 296; Plains Village sites on, 14, 15-16. See also Middle Missouri region; various sites by name Southern Plains, 209; fortified villages on, 211-16, 231-32; group interactions, 200-206; trade networks, 234-35 South Piney site, 69, 112 Southwest, Plains trade with, 232, 233-34 Spanish, 103; attacks on Taovaya Wichita, 211, 213; on southern Plains, 197, 198, 199, 200, 212; in Southwest, 16-17 spears, 40; rock-art depictions of, 12, 46, 48, 52, 72, 90, 125 Spencer rifles, 339 spirituality, 116, 131 spiritual symbols, shields as, 46 Spiro Mounds, falcon-warrior imagery, 25 Spokane, on Musselshell River, 50, 55 Spring, Otto, 218 Spring Boy, 61 staffs, rock art depictions of, 59-60, 79 Standing Bear motifs, 80 Star Village, 290 status, 54; in Arikara society, 332–33; male, 24, 25, 169; warfare and, 57-58, 64 Steed-Kisker site, 32 Stirling phase, 270

stone structures, in Protohistoric sites, 240 Stony Point village, 315, 317 strategic plans, military, 341 streamers, rock-art depictions of, 89 strongholds, 242, 243 subsistence, hunter-gatherer, 21-22 subterranean/semi-subterranean structures: at Bryson-Paddock site, 224-27, 228-30; in Wichita villages, 214-15, 216, 232 suicidal fighting, 343 Sun Dance, 41 sun-ray hairstyles, 85 supernatural, 37, 100 supply routes, across Plains, 346 Sweetgrass Hills, 133 swords, depictions of, 40 symbolism, Oneota, 273 synecdoche, in Plains Biographic rock art, 106,110

tabs/tassels, depictions of, 91, 92, 93 tactics, military, 342 Taenhatentaron (St. Ignace), 146 Talking Crow site (39BF3), 207, 208 tally scenes, tallies, 55, 79, 99, 119(n13) Tancoa, 199 Taovaya (Tahuaisses) subdivision, 201, 204, 205, 206, 212, 213, 216 Tascaluça, 159 tattoos, 88 Tawakoni (Tahuacano) subdivision, 212, 213; attacks on, 214-15 tear-streak motif, 88 telegraph system/stations, 346, 347 Terminal Middle Missouri (TMM), 296, 298 territory, 103; defending, 132-33 Teton Sioux, 50, 289-90, 292 Texas, 16, 18, 26; fortified sites, 211, 214-15, 231; Late Prehistoric period, 232, 233; Late Woodland-Plains Village sites, 11-12, 15 Thin Elk-Steamboat Winter Count, 124 Thoburn, Joseph, 218 Thompson, David, 102 3:1 Rule, 195, 196, 206-7 Thuja occidentalis, 174 timber. See wood tipis, rock art depictions of, 58-59 Tobias site (14RC8), 232 Toltec sites, 153

Tony Glas site, 14 tooth evulsion, Crow Creek village, 271 Toqua site, 174 Torus beads, 252 towers, Mississippian sites, 158 trade, trade networks, 5, 38, 54, 55, 116, 212, 272; conflict and, 289-92; Middle Missouri, 32, 179, 283-84, 285-86, 287-88; Plains-Southwest, 233–34; Southern Plains, 232, trading events/fairs, 289, 291 trappers, traders, 38, 54 trenches, 191–92; at Wichita villages, 201, 204, 215. See also ditches Treviño, Antonio, 202, 214; on Longest site fortifications, 220-21, 226, 228, 230 tribes, 65, 299 triggers, for attacks, 28-29 trophy-taking, trophies, 8, 12, 24, 106, 159, 269, 319, 332, 343; body parts as, 10, 11, 14, 15, 25, 276; as dehumanizing, 330-31; head as, 60-62; Middle Missouri, 169, 186, 187. See also scalp-taking, scalps Truman Mounds, 10 Truteau, Jean Baptiste, 172, 289, 291 Tuscarora, 146 Twenty-one Guns site (24ML398), 53-54 Tyronza River, 161, 162

Uncompangre Brown Ware, 253, 262 unoccupied zones, on Middle Missouri, 306, 307, 309, 312, 315-16 Upper Republican phase, 259 Upper Yazoo Basin, 161 US Army/Cavalry: attacks by, 120, 133, 215; expeditions of, 337, 338-39; Indian battles with, 32-33; military tactics, 353-54; at Mud Springs battle, 349–51; operations, 340-42, 345-49 US Army Corps of Engineers, Omaha District data, 181-82 US Dragoons, 215 Utes, 130 Utz site complex, 272

Verdigris Coulee site, 69, 104, 105, 112, 113, 115 Verdigris River, Wichita sites on, 216 Verendrye, 66 Vernon Paul site, 161

Victory Dance, 127 Villasur fight, 129 violence, 4, 17, 151, 169, 357, 361; causes of, 20-21; collective, 276-77, 288-89, 292-93, 358; hunter-gatherer, 238–40; increased, 318-19; trade networks and, 32, 289-91; visibility of, 6-7; Woodland period, 10-11 Virginia, warriors in, 159 visibility, of social violence, 6-7 V-neck warriors: depictions of, 66, 67, 68-69, 94, 96, 98-99, 117, 119(n10); hairstyles and headdresses on, 82, 84-85

Waco (Hueco) subdivision, 212, 213 wall-and-trench system, 191–92 Walnut River (Kansas), Etzanoa on, 197–98, walls, wall systems, 192, 242, 243–44; at Alcova Redoubt, 246-50; curtain, 155-56; defensive, 148, 150 war booty, 99, 114 warfare, 3, 17, 103, 268, 275; defining, 4, 40; ethnic, 295-96, 315-16; Sahkomaupee's descriptions of, 101–2 war honor events, 343 war lodges/houses, rock art depictions of, 58-59 war parties: range of, 130-31; sizes of, 106-10; in winter counts, 128, 136-37 Warring States period, 194 Warrior-art tradition, 122-23, 125-26, 133 warriors, 25, 159, 202; mounted, 45, 46, 103; ranks of, 91–92, 100–101, 106, 109–10, 115-16; in rock-art, 12-13, 19, 49, 51, 64, 66, 68-69, 125-26; scalping of, 333-34; scalptaking, by 331–32. See also shield-bearing warriors; V-neck warriors warrior societies, 13. See also military societies Washita River people, 26 Watson Brake site, 153

weapons, 17, 33, 40, 148, 277, 339, 345; at Alcova

Redoubt, 255-57; decorations on, 90-91; defensive, 79–82; depictions of, 12, 29, 37,

42, 44-45, 46-48, 63-64, 66, 69, 71-79, 94, 95, 105, 118(n5), 125; efficacy of, 96-98; on

southern Plains, 203-4

Wheeler phase, 231

whiskey, trading for, 55

West Rygate site (24GV191), 52–53

Whistling Elk site (39HU242), 207, 315

White Mountain Petroglyphs (48SW302), 45 Wichita, 16, 198, 209, 210, 211, 232, 233; fortified villages, 212-16; interactions with other tribes, 200-206; trade networks, 234-35 Wichita subdivision, 201, 205, 212, 216 Williams Coulee site, 69, 109 willow (Salix spp.), in Middle Missouri villages, 171-72, 174 Wilson, Gilbert L., 290 Wilson Creek site, 128 wind, and wooden palisades, 150-51 Winnebago, 273 Winnebago, Lake, Oneota at, 272 winter counts, 120, 123-25, 126, 133; combat/ conflicts recounted in, 128-32, 135-40 wintering areas, Musselshell River as, 50-51 Wisconsin, Oneota in, 269, 272, 273 Wittrock site, 9, 281, 359 Wolf Chief, 290–91 wolf-hat headdresses, 84, 100 wolf pelts, depictions of, 88 women, 60, 126, 127, 145; in Arikara society, 332-33; captives, 41, 42, 43, 55-57, 86, 99, 103, 105, 116, 135; in massacres, 133-34, 322-30; rock art depictions, 37, 85; scalping patterns, 331-32

wood, 193; decay rates of, 174–75; in Iroquois palisades, 166–67; in Middle Missouri villages, 171–72, 277; in palisades, 156, 157–58 Woodland/Late Prehistoric period, 9 Woodland period, 9, 10–11, 33, 153, 168 woodworking tools, at Mississippian sites, 158 Wounded Knee, 121, 122

wounder Knee, 121, 122 wounds, wounding: arrow, 7, 8, 10, 11–12, 13, 15, 28, 29, 159, 186, 241, 271; combat, 6, 94, 95, 96, 241, 319. *See also* scalp-taking, scalps

Writing-on-Stone site, 69, 79, 104; battle scenes at, 52, 58, 109, 110, 112, 113; warriors depicted at, 67, 84; weapons' decorations depicted at, 90, 92; weapons depicted at, 115, 119(114)

Wyoming, 11, 38, 237, 240; clubs used in, 76, 79; Late Prehistoric period, 258–60; Protohistoric period, 260–62; rock art sites in, 41–42, 46–48, 55, 60–62, 64, 65. See also various regions; sites by name

Yamassees, 146 Yanktonai Dakota (Yankton Sioux), 50, 291; winter counts, 123, 128, 133, 135–40