

Index

- ABC Countries, 185–187
 Bahia cookery, 187
 beef consumption, 185
 coffee, 187
 mutton, 186
 wheat, 187
 wine making, 186
 irrigation from Andes, 186, 197
- Acadians, 207
- accara, 189
- achira, 132
- ackee, 58
- Adam and Eve, 86
- Adams, John, 178
- Adena Mounds, 125–126
- Africa south of the Sahara, 143
 ackee, 58
 African rice, 56
 banana, 59
 camel, 55
 cowpea, 57
 domesticated animals (imported), 54,
 55, 56
 domesticated animals (native), 54
 finger millet, 55
 fonio, 56
 grain sorghum, 55–56
 Greater yam, 59
 kola, 57–58
 Lesser yam, 59
 melegueta peppers, 58
 melon, 58
 and New World foods, 143, 144, 145
 oil palm, 57
 okra, 57
 pearl millet, 56
 and population growth, 59, 145
 potato yam, 59
 sorghum, 55–56
 teff, 56
 watermelon, 58–59
 white yam, 59
 yams, 57
- agouti, 106
- Agricultural beginnings, 12–13
 and climate change, 13
 in the Fertile Crescent, 13, 14, 28
- ajipa, 132
- Alaric, King of the Visigoths, 79
- alcoholic beverages (*see also* beer and wine)
 aguadiente, 182
 beer, 182, 183
 bourbon, 198–199
 brandy, 182
 in China, 46
 cider, 98
 date wine, 28
 gin, 174, 182
 grappa, 182
 marc, 182
 Meade, 68
 Perry, 98
 Port wine, 181
 rum, 183
 Sherry, 182
 vodka, 182
 whisky, 182, 183, 198–199
 Whisky Rebellion, 198
 whisky in the United States
 Kentucky water, 198
 portable corn, 198
 and Scotch/Irish knowledge, 183, 198
 whisky barrels, 199
 wine, 183, 186
- Alexander the Great, 44, 74, 84
- almond, 27, 33
- alpaca, 127–128
- Alvarado, Pedro de, 159
- Amendment to the Immigration Act of
 1965, 270
- American foods
 in Africa, 143, 144–145, 149

- American foods (*cont.*)
 in Asia, 145–147, 148–149
 in Europe, 136, 137–139, 140–141, 142–143
 in South Africa, 149
- American Revolution, 186, 197
 Boston Tea Party, 175, 176
 coffee, 197
 and Navigation Acts, 175, 176
 stature of soldiers, 173, 197
 tea, 175, 176, 178
 and whisky, 198–199
- Americas and new foods (*see also* Mesoamerica, New World, and South America)
 new animals
 cattle, 156–157
 chicken, 158
 goat, 144–145
 honey bee, 158
 horse, 157–158
 pig, 156, 157
 rat, 161
 sheep, 157
 new crops
 banana, 159
 chickpea, 159
 coconut, 160
 date, 160
 garlic, 159
 ginger, 160
 grape, 159
 olive, 160
 rice, 159
 rye, 159
 wheat, 158–159
- Amber Road, 98
- Andean Region and the Spanish Main, 187–188
 Humboldt Current, 187
 llanos, 188
 traditional diet, 187
 yerba mate tea, 186
- anemia, 4, 294
 and *cribra orbitalia*, 4
 and Bronze Age farmers, 4–5
 and hunter-gatherers, 4–5
 and iron, 294
 and porotic hyperstosis, 4
- Angelo's restaurant, 231
- animal domestication, 14–24
 camel, 19–20
 cattle, 17–18
 dog, 15, 16
 and genetic changes, 15
 goat, 16
 horse, 18–19
 pig, 16–17
 and sacrifice, 15, 16
 sheep, 16
 water buffalo, 20–21
- Anheuser, Eberhard, 211
- anorexia nervosa, 282
- Antoine's restaurant, 232
- Antoinette, Marie, 134
- Apicius, Marcus Gavius, 76
- aquaculture, 35, 303–304
- Archangel Gabriel, 86
- Aristotle, 255
- Armour, P.D., 200
- Arnaud's restaurant, 232
- Assurnasirpal II, 62
- Astor, John Jacob, 176
- Atkins diet, 266
- Attila the Hun, 91
- Australia, 151–152
 American foods, 153, 155
 chickens, 153
 crew rations, 154
 distinctive biota, 151
 dog (dingo), 152
 Eurasian foods, 153, 154
 kangaroo, 151, 155
 macadamia nut, 155
 moa birds, 151
 native plant foods, 151
 quandong, 155
 rabbit plague, 154
 and sweet potatoes, 152
- Avicenna, 167
- Aztecs (*see* Mesoamerica)
- bananas and plantains, 36–38, 59
 domestication, 37
 origins 36–37
 reach the New World, 38
- Banks, Joseph, 155
- barley, 28–29
 and beer brewing, 29
 companion to wheat, 28
- batarekh*, 53
- Bauhin, Caspar, 139
- beans, 114–115
 broad, (fava) 13, 31–32
 common, 114–115
 lima, 114–115
 pole, 115
 sieva, 115
 tepary, 115
 domestication, 28–29
- Beard, James, 229, 236



- beer, 210–211
 and barley, 29, 211
 bottom v. top fermentation, 210
 Edict of Purity, 182
 in Egypt, 52
 and Germans, 210–211
 and hops, 211
 lager, 210
 and Milwaukee, 211
 in Mesopotamia, 29
 and St. Louis, 211
 Bering straits, 106–107
 beet sugar (*see* sugar)
 Benihana of Tokyo Restaurant, 272
 beriberi, 2, 242–243
 Best, Jacob, 211
 Birdseye, Clarence “Bob”, 235
 bitter melon, 48
 bitter orange, 43
 Black Plague, 135
 Blane, Gilbert, 244
 Bob Evans restaurant, 237
 Boer War, 216
bojè, 219
 bollitos, 206
 Bonaparte, Napoleon, 199, 250, 260
 bonsai crops, 301
Boston Cooking School Cookbook, 236
 Boston Tea Party, 175, 176, 178
 bouillabaisse, 78
 Bowen, Samuel, 197
 Bradford, William, 192
 breadfruit, 151
bredie, 149
 Brillat Savarin, Jean-Anthelme, 142
 British East India Company, 173, 197
 buckwheat, 49
 Buddhism, 90
 and food, 90
 and soybeans, 45, 49, 90
 and tea, 49, 90
 Busch, Adolphus, 211
 Busch, Ulrich, 211
- cacao, 166, 219
cachupa, 219
 Cajun cuisine, 206–207
 calcium, 4, 203
callaloo, 132–133, 189
 camel, 19–20, 55
 Bactrian, 19
 domestication, 20
 Dromedary, 19
 extinction in the Americas, 19
 and saddles, 20
- “Canoe Plants,” 270
 Caribbean and the Spanish Main,
 189–190
 Asian immigrants, 190
 late food arrivals
 ackee, 189
 breadfruit, 189
 coffee, 189
 mango, 189
 slave diet, 189–190
 dirt eating, 190
 lead poisoning, 190
 caribou, 22
 domesticated reindeer, 22
 game animal, 22
Carnivale 87
 Carter, Jimmy, 272
 Carver, George Washington, 223
 cassava (*see* manioc)
 cassia, 44
 cassoulet, 78
 Castelvetro, Giacomo, 102
 Castro, Fidel, 219
 Catherine of Aragon, 99
 cattle, 17–18, 49, 53, 54, 60
 and aurochs, 17, 18
 dwarf, 56
 multiple domestications, 17
 for sacrifice, 18
 Zebu, 18
 Cavanaugh’s restaurant, 231
 cave art, 8, 13, 14, 18
 celiac disease, 292
cena, 76
 Centers for Disease Control and
 Prevention, 280
 Center for Science in the Public Interest,
 266, 269, 274, 280
 Cervantes, Miguel de, 142
 Chandler, Asa, 180
 Chapman, John (Johnny Appleseed), 195
 Charlemagne, 92
 Charles I (England), 195
 chayote, 117, 118
 cheese, 35, 88, 99, 298
 Chen Nung, 170
chia, 113
chichi, 130
 Chichi’s restaurant, 272
 chicken, 23, 49, 55, 60
 cockfighting, 23
 divination, 23
 eggs, 23
 sacrifice, 23
 chickpea, 31



- Child, Julia, 236
 chilli con carne, 205
 China, 43
 alcoholic beverages, 46
 American plants and population
 growth, 146–147
 and aquatic farming, 46–48
 buckwheat, 42
 Champa rice, 44
 early food globalization, 43, 44
 first agricultural revolution, 44
 four major cuisines, 43
 five principal crops, 45
 Great Withdrawal, 46
 milk consumption, 68
 millet, 42
 second agricultural revolution, 146
 soba, 42
 soybean, 45
 tea, 46, 170–178
 under the Kublai Kahn
 apricot, 94
 beef, 94
 donkey meat, 94
 fat-tailed sheep, 93
 horse meat, 94
 kid, 93
 lamb, 93
 mutton, 93
 orange, 94
 pork, 94
 rabbit, 94
 restaurants, 94
 rice, 94
 sugarcane, 94
 spice trade, 94
 Chinese Exclusion Act, 203
 chocolate, 219
 and Milton Hershey, 219
 chop suey, 203
 chow mein, 203
A Christmas Carol, 248
 Chinese restaurant syndrome, 292
 Chisholm Trail, 205
 Christianity and food (*see also* monasteries
 under Europe), 86–89,
 97–98
 fasting, 86–87
 feast days, 87
 and fish, 87–88
 food taboos, 86
chuño, 128
 Churchill, Winston, 178
 chutney, 47
 Cicero, 76
 Cincinnati, 209
 pork industry, 209
 soap industry, 209
 cinnamon, 44
 Claiborne, Craig, 270
The Classic of Tea, 171
 Clemens, Samuel, 202
 Clipper Ships and tea, 177
 Clovis points, 107, 108
 Cobe, Bernadé, 205
 coca, 180
 Coca Cola, 58, 180
 coconut oil, 222
 coffee, 85–86, 166–170
 Arabica, 169
 in Brazil, 168
 in the Caribbean, 168
 coffeehouses, 167–168
 and Islam, 85–86
 production, 220
 Robusta, 169
coocoo, 189
 Cook, James, 152, 153, 244
 cooked foods (*see also* fire), 10–11
Collier's, 233
 Colonial foods and mother countries,
 218–223
 Columbus, Christopher, 118, 119, 120, 123,
 131, 132–133, 137, 139, 141, 156,
 157, 159, 160, 166
 Commander's Palace, 232
conacre system, 217
 Congdon, Leon A., 240
 coriander, 27
 Corn Laws repealed, 217, 218
 Córtez, Hernando, 119, 159,
 166, 185
 country captain, 208
 couscous, 54
 cowpea, 57
 Cracker Barrel Restaurant, 237
 Creole cuisine, 206–207
 cribra orbitalis, 4
 Crick, Francis, 298
crillo, 207
 Crosby, Alfred, 12, 147, 191
 cucumber, 47
cuscutz pauliast, 186
 dairy cattle in Neolithic Europe, 63
 Darwin, Charles, 247
 dasheen, 39
 date, 27, 33
 sacred tree, 33
 wine, 28



- Dave Chasen's restaurant, 233
 Davis, Adel, 253
 Delaney Clause, 254, 258
 Delaney, James J., 254
 delicatessens, 231
 Delmonico, Lorenzo, 231
 Delmonico's restaurant, 229, 231, 232
 Derby, Elias Hackett, 176
 diabetes mellitus II, 5, 256, 259–260, 264, 268, 282
 Diat, Louis, 232
 Diaz, Bernal, 118–119, 159
 Dickens, Charles, 248
Dietary Goals for the United States, 267
Directions for Impregnating Water With Fixed Air, 179
 Dirks, Robert, 190
 The *Divine Husbandman*, 45
 The *Divine Ploughman*, 45
 dog domestication, 15, 16
 in the Americas, 15
 in the British Isles, 15
 in the Pacific, 15
 in the Swiss Lake region, 15
 Dole, James D., 234
 Don the Beachcomber restaurant, 232, 233
Don Quixote, 142
Doomsday Book, 99
 Dorés restaurant, 231
 Drake, Francis, 139, 161
 duck, 24, 60
 domestication, 24
 eggs, 24
 Dutch in the Caribbean, 161
 and Dutch West India Co., 162
 and salt, 161
 and sugar revolution, 162
 eddoes, 39
 Edict of Purity (Bavaria), 182
 Egypt (ancient), 51–54
 animal domestication failures, 53
 barley, 51, 54
 barnyard animals, 53
 beer, 52, 54
 bread, 54
 cattle, 53
 chicken, 53
 diet, 47–48
 elite, 71
 peasant, 71
 expanding Sahara Desert, 51, 70, 71
 food prohibitions, 53
 ful medames, 52
 goat, 53
 melokhia leaves, 52
 melon, 52
 Middle East plant complex, 51
 Nile fish, 51, 53
 Nile River, 51
 Osiris worship, 53
 pig, 53
 pork avoidance, 53
 sheep, 53
 watermelon, 52
 wheat, 51
 wine, 52
 Eijkman, Christiaan, 242
 einkorn (wild), 13
 elephant, 48
 emmer (wild), 13
empanadas, 188
 Erie Canal, 199
 ergotism, 193
 and Salem “witches”, 193
 Escoffier, Auguste, 232
 Europe to the Renaissance
 hunter-gatherer horticulture, 59–60
 foxtail millet, 60
 lentils, 60
 peas, 60
 under the Romans
 bread-making, 80
 cruciferous vegetables, 79–80
 fruit, 79, 80
 grapes, 60
 oats, 60, 80
 rye, 60, 80
 viticulture, 76
 Middle Ages (*see also* Monasteries below)
 aquatic animals, 89, 97
 barnyard animals, 98
 buckwheat, 100
 chestnut, 100
 cider, 98
 collective farms, 98
 cooking styles
 north, 89, 102
 south, 89, 102
 crops, easiest to grow, 98
 diets
 commoners, 99–101
 elite, 99–101
 Dutch, 99
 butter, 99
 cheese, 99
 horticulture, 99
 English
 fall of Rome, 81, 97
 gin and taxes, 174



- Europe to the Renaissance (*cont.*)
 famine, 101
 moldboard plow, 98
 Monasteries
 alcoholic beverages, 88
 cheeses, 88
 pastries, 88
 stew ponds, 89
 in the Neolithic, 25, 60
 abrupt arrival, 60
 cattle, 60
 Fertile Crescent crops, 60
 goat, 60
 horse, 60
 pig, 60
 poultry, 60
 urban diet, 73;
 New Foods from America
 beans, 141
 and belladonna, 136
 and the Bible, 139
 and botanists, 138
 chili peppers, 141–142
 growing seasons, 136
 maize, 136, 137–138
 and peasants, 136
 pellagra, 138
 and population increase, 143–144
 potato, 135, 138–140
 and semantics, 139–140
 squash and pumpkins, 138–139,
 141
 sweet potatoes, 138–139, 141
 tomato, 140–141
 turkey, 142–143
 Norman Conquest 97, 98
 plague, 102
 self sufficiency, 98
 “scurvy grass”, 101
 spices
 from the East, 103
 home grown, 103
 spice trade, 103–104
 spinach, 101
 water mills, 99
 windmills, 99
- famine, 286
 Far East Café, 232
 “farmaceuticals”, 303–304
 Farmer, Fannie Merritt, 236
farofa, 186
 fast food, 274–284
 and anti-Americanism, 279
 antiquity of, 275
 and cheap labor, 283
 and chronic diseases, 282
 and *Escherichia coli*, 282–283
 food “fordism,” 278
 French fries, 275, 284
 hamburger, 276–284
 McIbrel Trial, 279, 283
 Mexican, 278
 and obesity epidemic, 280
 pizza, 278
 potato chips, 275
 popcorn, 274
 and violence, 274
 fat-tailed sheep, 34
 fava bean, 31–32
 favism, 32
 Federal Meat Inspection Act,
 240
feijoada, 186
 fig, 27, 34
 finger millet, 55
Fight for Food, 240
 fire
 and cooking, 11
 domestication of, 10–11
 and land clearing, 11
 as a weapon, 12
 First Fleet, 153
 flax, 52, 60
 Fogel, Robert, 143
 fonio, 53
 food allergies, 290–291
 Food Guide Pyramid, 257, 261, 262,
 265, 269
 food labeling, 261
 food lobbies, 261
 food prejudices and taboos, 239
 foods in the Americas
 in the Andean Region, 187–188
 in the Carribean and the Spanish Main
 183–184
 in the ABC countries,
 185–187
 in Mesoamerica, 188–189
 under the Bourbons, 185
 under the Hapsburgs, 184
 foods of the World rearranged,
 285–286
 foxtail millet, 60
 Franco, Francisco, 250
The French Chef, 236
 French Grand Cuisine, 215
 French and Indian War, 175
 “French Paradox”, 268
frigadelle, 276



- The Fruit, Herbs, and Vegetables of Italy*, 103
- Fuchs, Leonard, 137
- functional foods, 273, 302–303
- Funk, Casimir, 243, 244, 246
- ful medames*, 52
- Fulton Fish Market, 231
- Galatoire's restaurant, 232
- Galen, 241
- galinha à xanti*, 219
- Gama, Vasco de, 160, 243
- Gandhi, Mahatma, 224
- garlic, 27, 33, 303
- Garraway, Thomas, 173
- garum, 81
- genetically modified foods, 296, 298–304
 - allergic reactions, 300
 - avocado, 298
 - beef growth hormone, 302
 - cheese, 298
 - chicken, 302
 - controversy over, 299–300
 - corn, 298
 - farmaceuticals, 303–304
 - functional foods, 302–303
 - melon, 298
 - probiotics, 296
 - rice, 298, 300–301
 - soybean, 298, 299
 - successes of, 300–302
 - sugar beet, 298
 - wheat, 301
- Genghis Kahn, 93
- Gerard, John, 137, 139
- ghee, 48, 190
- Girard, Stephen, 176
- gliaria*, 81
- goat domestication, 16
 - and cheese, 16
 - sacrificial purposes, 16
 - in sub-humid environs, 16
 - in Zagros mountains, 16
- goiter and iodine, 249–251
 - and cretinism, 250
 - and iodized salt, 250
- Goldberger, Joseph, 247
- Gold Rush, 226
- golden rice, 300–301
- goose, 24
 - eggs, 24
 - Graylag, 24
 - Swan goose, 24
- gordita*, 188
- Gourmet* magazine, 228
- Graham, Sylvester, 200, 238, 303
- Grande Cuisine of France, 215
- grape, 27, 34, 49, 60
- Great Pyramid, 32
- Greece (ancient), 72–76
 - barnyard animals, 72, 73
 - cheese, 72
 - crops, 72, 73
 - diet of poor, 73
 - mezze*, 73
 - olive oil exportation, 72
 - Peloponnesian War, 73
 - seafood, 72
 - wine, 72
- Green Revolution, 2, 296, 297, 298
 - and genetic variability, 297
 - and maize, 296
 - population increases, 297
 - Rockefeller Foundation, 298
 - and rice, 296
 - U.S. Government, 296
 - and wheat, 296
- Grocer's Encyclopedia*, 177
- guacamole, 205
- guinea hen, 54
- guinea pig domestication, 128
- Hahn, Edward, 18
- “hairy potato,” 301
- Haitian Revolution, 198, 199, 206
- Hancock, John, 175
- Handwerker, Nathan, 276
- Hanseatic League, 87
- haricot beans, 141
- Harris, Marvin, 126
- hasty pudding, 213
- Haussner's restaurant, 233
- Hawkins, John, 161
- Heiser Jr., Charles B., 48, 115
- Hellman, Richard, 228
- Henri II (France), 206
- Henry II (England), 8
- Henry VIII (England), 87
- Herodotus, 44
- Hershey, Milton, 219
- Hess, Alfred, 248
- Hess, John, 228
- Hess, Karen, 228
- Hippocrates, 241
- Historia Naturalis*, 78
- Hobbes, Thomas, 4
- Homestead Act, 202



- Homo Sapiens*, 3, 5–6, 7
 digestive system, 6
 entered the Americas, 7
 entered Australia, 7
 entered Europe, 7
 entered the Pacific, 150–151
 large brain, 5
 opportunistic hunters, 7
 out of Africa, 7
 honeybee domestication, 67
 “hoppin John”, 208
 horse, 18–19
 domesticated, 18
 extinct in Americas, 18
 hippophagy, 19
 and trypanosomiasis, 19
 Houston Ship Canal, 234
 Hovis bread, 303
huilachoche, 188
 Humboldt Current, 187
 hundred-year-old eggs, 23
Hunger in America, 255
Hunger USA, 255
 hunter-gatherer diet, 4–5
 big game, 8
 from the water, 8–9
 hutia, 106
- Indus Civilization, 46–48
 Aryan invasion, 48
 barley, 47
 and cattle (sacred), 48
 chutney, 47
 cucumber, 47
 dairy products, 48
 ghee, 48
 Harappa, 46
 imported fruits, 47
 and Indus River, 46
 jackfruit, 47
 jambolan plum, 47
 livestock, 48
 mango, 47
 melon, 48
 millet, 47
 Mohenjo Daro, 46
 rice, 47
 sesame, 47
 sorghum, 46, 47
 and wheat, 47
 industrialization of agriculture, 215
 Industrial Revolution, 199–200, 214
 and brands, 201
 and food preservation, 199, 200
 and immigration, 199
 and transportation revolution, 200
inflatas, 188
 insects as food, 9–10
 International Rice Research Institute, 296
 Irish Potato Famine, 217–218
 iron balance, 294
 and anemia, 294
 Islam, 83–86
 cooking, 84
 coffee and coffeehouses, 85–86
 favored meats
 fat-tailed sheep, 85
 goat, 84
 Koran on food, and alcohol, 85, 167
 Mohammed on food, 83–84
 new foods for the West, 83
 almond, 85
 banana, 83
 bitter orange, 85
 coconut, 85
 date, 83
 eggplant, 84, 85
 lemon, 85
 lime, 85
 mango, 83
 quince, 84
 rice, 84
 saffron, 84
 spinach, 84
 sugarcane, 83
 monsoon trade, 83
 and spice trade, 83
- Japan and Korea
 Buddhist monks, 49
 and soybeans, 49
 taboo against killing animals, 49
 and tea, 49
 foods from China
 barley, 49
 buckwheat, 49
 chilli peppers, 147
 rice, 49
 sweet potato, 147
 wheat, 49
 millets, 49
 livestock, 49
 hunter-gatherers, 48
 Japan
 Shinto religion, 49
 sushi, 50
 wasabi, 49
 jackfruit, 47
 Jack’s restaurant, 232
 Jefferson, Thomas, 41, 196, 198



The Journal of the American Medical Association, 255

The Joy of Cooking, 236

“jug jug,” 189

jujube 44

The Jungle, 239, 276

Justinian, 92

Karl, Duke of Burgundy, 103

kava, 220

kedgerre, 218

Keen’s English Chop House, 231

Kellogg brothers, 201

Kellogg, John Harvey, 201, 259

Kennedy, Jacqueline, 267

Keshan disease, 263

and selenium, 263

Keys, Ancel, 254, 268

khat, 220–221

kibbett, 34

kim-chee, 50

King, Glen, 244

Kipling, Rudyard, 178

kitchri, 218

kola nut, 221

Kolb’s restaurant, 232

Kon-tiki expedition, 232

Koran, 85, 167

food prohibitions, 85

Korea and foods (*see also* Japan and Korea)

barley, 49

beef, 49

buckwheat, 49

chicken, 49

millets, 49

pork, 49

rice, 49

wheat, 49

kosher foods, 231

Kroc, Ray, 277

Kublai Khan, 93, 94

kumara, 152

kumyss, 93

Kung! San, 4

kushuri, 218

Ladurie, Le Roy, 143

lactose intolerance, 291

L’Aiglon restaurant, 232

Lamb, Charles, 11

Lapita culture, 38, 150

Last Supper, 86

Lavoisier, Antoine-Laurent, 240–241

leek, 33

legumes, 30

lemon, 41

Lender’s Bagel Bakery, 233

Lent, 86

lentils, 30, 60

Leo I (Pope), 91

Leon, Ponce de, 157

leperaria, 82

Les Frères Taix restaurant, 233

The Leviathan, 4

Liebig, Justus von, 242, 303

lime, 41

Lind, James, 244

Lindy’s restaurant, 232

Linnaeus, 143

linseed oil, 34

liquamen, 80

litchi, 44

Little Ice Age, 101, 135, 181

llama domestication, 127–128

Lloyd, Edward, 174

London Magazine, 11

Look magazine, 230

Lüchow’s restaurant, 231

Luger’s restaurant, 231

Lu Yu, 171

McCollum, Elmer V., 227, 248

McCormick reaper, 226

McDonald Brothers, 277

McGovern, George, 267

McKeown, Thomas, 143

McLibel trial, 283

McMichael, Tony, 295

Macao and Woosung Rest., 232

Magellan, 145

magnesium, 252

maize, 109–110, 121–122

Aztec tribute, 113

in Europe, 137–138

and Mayas, 110–112

in North America, 121–122

and nixtamalization, 110

and pellagra, 110, 138

Teotihuacán, 112

Toltecs, 112

malanga (*see* American taro)

malnutrition, chronic,

286–289

and infant feeding, 287–288

and kwashiorkor, 288

low birth weight, 287

and marasmus, 288



- malnutrition, chronic (*cont.*)
 protein energy
 malnutrition, 288–289
- Malthusian dilemma, 12, 143
- Mama Leon's restaurant, 232
- mango, 47
- Manila Galleon, 145, 152
- Mardi Gras, 87
- Marine, David, 250
- masalas*, 190
- Maximilian (Emperor of Mexico), 188
- Maya (*see* Mesoamerica)
- meade, 68
- Medici, Catherine de, 206
- Mediterranean diet, 268–269
 and olive oil, 269
 pyramid, 268
 and wine, 268–269
- melegueta pepper, 58
- melokhia* leaves, 52
- melon, 48, 52, 58
- Mendelian genetics, 297
- Mesoamerica, 188–189 (*see also*
 Americas, New World, and
 South America)
- Aztecs, 113, 125–126
 chinampas, 113, 125
 food storage, 125
 human sacrifice, 126
 infant/child mortality, 126
 markets, 125
 tribute collected, 113
- Mayas, 110–112
 astronomical systems, 111
 classic period, 111
 demographic collapse, 111
 irrigation system, 111
 maize cultivation, 111
 malnutrition, 111–112
 population growth, 111
- Mesoamerican foods
 amaranth, 111–112, 124
 avocado, 120
 beans, 114–115
 breadnut, 109
 cacao, 119
 chayote, 117, 118
 chía, 113
 chili pepper, 117, 118
 jicama, 109
 maguey, 109
 maize, 109–110
 malanga, 109
 manioc, 109
 papaya, 120
 pineapple, 120
pinole, 114
posole, 188
pulque, 120
 squash and pumpkin, 115, 121
 teosinte, 109
 tomatilla, 118
 tomato, 117, 118–119
 vanilla, 119–120
- nixtamalization, 110
- Olmec culture, 110
- Teotihuacán
 agriculture, 112
 demographic collapse, 112
 maize-based, 112
 Toltec culture, 112
- microwave oven, 235
- Midler, Bette, 272
- Miller, Frederick, 211
- millet, 28, 42, 47, 49, 60
- Mitchner, James, 232
- Mohammed, 83–84, 86, 92
- Mohenjo Daro, 46
- molé*, 188
- molé poblano de guajolote*, 126
- Montagu, John – Earl of Sandwich, 275
- Mongol empire, 93
- Montezuma, 126
- “Moors and Christians”, 206
- moqueca*, 187
- muamba*, 219
- mufete*, 219
- Muscovy duck domestication, 106, 128
- mushrooms, 304–305
- “mutualism,” 63
- Napoleonic Wars, 216
- Navigation Acts, 175, 176
- National School Lunch
 Program, 281
- Neolithic Revolution, 2, 25, 28
 consequences
 animal power, 63
 beer-making, 67
 for biota, 64
 bread, yeast, 67
 cheese-making, 68
 child mortality, 65
 diminished stature, 66
 diseases, 65
 food control, 62
 food preservation, 69
 formalized religion, 61
 honeybee domestication, 67
 infant mortality, 65
 males increase power, 62–63



- Neolithic Revolution (*cont.*)
 malnutrition, 65
 populations increase, 64
 slave labor, 63
 social organization, 62
 soil erosion, 64
 water pollution, 64
 wine diffusion, 67
 wine-making, 67
 writing invented, 62
- New England
 and codfish, 212
New England Kitchen, 228
- New World (*see also* Americas,
 Mesoamerica, and
 South America)
 ancient pioneers, 107
 beginning of sedentary agriculture,
 108–127 *passim*
 extinction of large animals, 107
 foods encountered by Columbus
 agouti, 106
 allspice, 105
 beans, 105
 chilli peppers, 105
 custard apple, 105
 guava, 105
 hutia, 106
 maize, 105
 mamey, 105
 manioc, 105
 pawpaw, 105
 peanut, 105
 pineapple, 105
 sapodilla, 105
 soursop, 105
 sweet potato, 105
 yautia, 105
 zamia, 105
- lack of domesticated animals, 106
- New Zealand, 151, 152
 cannibalism, 152
 Eurasian/American food introductions,
 153
 grape vines, 154
 oca, 130
 pig, 153
 rat, 154
 Maori foods, 152–153
- Nicholas II (Czar of Russia), 182
- Nixon, Richard M., 255
- nixtamalization, 110, 245
- Noah, 86
- North America
 bison, 125
 frontiers
 Florida, 191–192
 Massachusetts, 192–195, 196
 the South, 195
 and imported cultivars
 buckwheat, 193
 fruit trees, 191, 194–195
 maize, 121–122, 193
 rye, 193
 squash, 121
 wheat, 158–159
 and native cultivars
 sumpweed, 123
 sunflower, 123
 wild rice, 124
- Native Americans
 Eurasian disease, 161, 192–193
 horticulturalists, 122
 Mississippian florescence, 122
 and tea, 174–178, 194
- North American cuisine influences
 African, 206–208
 Chinese, 203
 English, 211
 French, 206–207
 German, 208–211
 Hispanic, 204–206
 Italian, 203–204
- Nut-tree restaurant, 232
 “nutrecepticals,” 273
- oat, 29–30, 60
- obesity epidemic, 256–257
 and chronic diseases, 256
- The *Odyssey*, 77
- okra, 57
 and gumbo, 196
- Old World
 animal domestication, 14–24
 camel, 19–20
 caribou, 22
 cattle, 17–18
 chicken, 23
 dog, 15–16
 duck, 24
 goat, 16
 goose, 24
 horse, 18–19
 pig, 16–17
 pigeon, 22–23
 sheep, 16
 water buffalo, 20–21
 yak, 21–22
- plant domestication, 26–41
 almond, 33



Old World (*cont.*)

apple, 34
 banana and plantains, 36–38
 barley, 28–29
 buckwheat, 42
 date, 33
 eggplant, 41
 fig, 33
 flax, 34
 garlic, 33
 grape, 34
 legumes, 30
 leek, 33
 lemon, 27, 41
 lime, 27, 41
 millet, 42
 oat, 29–30
 olive, 27
 onion, 32
 orange, 43
 pine nut, 33
 pomegranate, 33
 pomelo, 41
 rice, 39–40, 41–42
 rye, 29
 shallot, 33
 spinach, 32
 taro, 38–39
 wheat, 26–28
 yam, 39

Olive Garden restaurant,
 272

omega 3 fatty acids, 5

Opium Wars, 176

Osiris, 53

osteoporosis, 249

Ottoman Empire, 95
 Sultan's kitchen, 95–96

Ottoman Turks and food, 95–96
 lentils, 95
 meats, 95
 new American foods, 96
 rice, 95
 and spice trade, 95
 sugar, 95
 white bread, 96

Pabst, Frederick, 211

Pacific colonization 150–155
 Australoids, 151
 Austronesian pioneers, 150–151

Pacific Rim Cuisine, 270

palm oil, 222

Panama Canal, 234

papaya, 120

Paracelsus, 254

Parmentier, Auguste, 140

"Pax Mongolica," 93

peanut oil, 222

pearl millet, 56

"Peking Man", 11

pellagra, 110, 245–246, 263
 and niacin deficiency, 245–246
 in the United States, 240

Peloponnesian War, 73

Pemberton, John Styth, 180

"Pennsylvania Dutch," 209

Penny Universities, 174

Perkins, T. H., 176

Perry, Matthew, 98, 197

Persian Cuisine, 71

"Peruvian carrot," 130

Philadelphia pepper pot, 209

Phoenicia, 70
 chickpeas, 71
 olive oil, 71
 and wheat trade, 71
 and wine trade, 71

pica, 251

Pied Piper, 101

pig, 16–17, 53
 multiple domestications, 17
 reproduction, 17
 in South Asia
 in Taurus Mountains, 17

pigeon, 22–23
 in ancient Sumer, 22
 domestication, 22
 doves/cotes, 22
 French Revolution, 23
 Rock Pigeon, 22

pineapple, 120

pine Nuts, 33

pinole, 114

pistachio, 27

Pizarro, Gonzalo, 156

Pizarro, Hernando, 138

plant breeding, 296

plantains (see bananas and plantains)

Pliny, 33, 44, 78, 79, 89

Polo, Marco, 85, 93, 103, 275

pomelo, 41

Pompeii, 41

Populist Party, 227

"Porkopolis," 209

porotic hyperostosis, 4

Post, C. W., 161, 303

Poulet d' Or restaurant, 232

Priestly, Joseph, 179

Protein Power Diet, 266



- pulque, 120
 Pump Room restaurant, 233
 Pure Food and Drug Act, 240
 Pythagoras, 32, 259
- quesadilla, 188
- ramayana*, 47
 Ratner's restaurant, 232
 Recombinant deoxyribonucleic acid (rDNA), 297–304
 Recommended Dietary Allowances (RDA), 260
 rice, 39–40, 41–42
 African, 56
 Champa, 44
 and China population increases, 42
 dry land, 40, 41
 in South Asia and Indonesia, 63
 and water buffalo, 42
 wet land, 40
 and Suez Canal, 40
 rickets and vitamin D, 246–248
 Richard II (King of England), 103
rijstafel, 218
 Ritz Carlton Hotel, 232
 Rochemont, Richard de, 228, 229
 Roman Empire, 74–82
 agriculture
 olives, 74
 viticulture, 75
 wheat, 74
 attitudes toward food, 76–77
 dies in the West, 82
 and Europe, 79–80
 International cuisine, 79
 and North Africa, 75
 seafood, 77
 trade
 and monsoons, 78
 and Silk Road, 78
 vivaria, 77
 welfare, 75
 wine exports, 76
 Rome, 81
 bread making, 80
 cena, 76
 cookery, 79, 80
 and garum, 81
 and liquamen, 80
 and silphium, 80
 gliaria, 81
 late animal domestications, 81
 dormouse, 81
 rabbit, 81
 lead poisoning, 81
 leporaria, 82
 Root, Waverly, 227, 228, 229
 Roosevelt, Theodore, 240
roti, 56
 “rundown,” 189
 rye, 29
 domestication, 29
 and ergot fungus, 29
 as “Wheat of Allah”, 29
- sago palm, 151
 Saints Peter and Paul Fast, 86–87
 Saint Domingue Slave Revolt
 (see Haitian Revolution)
 salt (see also sodium), 69, 212,
 289, 290
 salt sensitivity, 69, 212, 292–294
 and potassium, 293–294
 Sardi's restaurant, 232
sashimi, 9
 Schlosser, Eric, 281
 Schultz, Howard, 170
 Schwappe, Jacob, 179
 scrapple, 209
 scurvy and vitamin C, 2, 243–245
 scurvy grass, 101, 244
 Seneca, Lucius Annaeus, 76
 September 11 attack and food, 236
 Serpent Mound, 121
service à la Russe, 231
 sesame and sesame oil, 28, 47, 223
 The Seventh Continent, 306
 Shalala, Donna, 291
 she-crab soup, 208
 sheep, 16, 54, 56, 60
 and cheese, 16
 domestication, 16
 fat-tailed, 16
 hornlessness, 16
 sacrificial purposes, 16
 in Zagros Mountains, 16
 Shen Nung (legendary Chinese Emperor), 45
 “Shepherd Kings,” 70
 Silk Road, 31, 32, 78, 93, 103, 172
 silphium, 80
 Simmons, Amelia, 197
 Simmons, Richard, 257
 Sinclair, Upton, 239, 276
 slave trade and foods, 144–145
 Slow Food Movement, 275
soba, 42, 49
 Socrates, 251
 soda fountains, 180
 sodium (see also salt), 289–290



- soft drinks, 178–181, 282
 Canada Dry Ginger Ale, 180
 Coca Cola, 180
 Dr. Pepper, 180
 Hires Root Beer, 180
 kola, 180
 lemonade, 179
 Nehi, 180
 New Age, 181
 Pepsi Cola, 180
 Quinine water, 180
 Seven Up, 180
 water, 178–179
- sorghum, 46, 47, 56
- Soto, Hernando de, 156, 192
- “soul food,” 272
- South America (*see also* ABC Countries,
 Andean Region, Mesoamerica,
 and the Caribbean and the
 Spanish Main)
- achira*, 132
achokcha, 132–133
ajipa, 132
allucu, 132
 American taro, 132
 añu, 132
arracacha, 130
cañihua, 130
 Chavin culture, 133
chichi, 130
 Chimú Empire, 133
 chuño, 128
 guinea pig, 128
 hunter gatherers, 127
 Huari Empire, 133
 Inca Empire, 134
 jicama, 132
 little orange, 133
 maize, 130
 manioc, 131–132
 griddles, 131
 preparation, 131
 melon pear, 133
 Muscovy duck, 128
 Nazca Culture, 133
 oca, 129–130
 papaya, 133
 peanut, 131
 pineapple, 133
 pre-Columbian health,
 134
 quinoa, 130–131
 squash, 132–133
 sweet potato, 129
 tree tomato, 133
 ullucu, 132
 white potatoes, 128–129
- South Asia – (*see also* Indus Civilization and
 New World foods), 147, 148–149
- South Beach Diet, 266
- South Pacific*, 232
- soybean, 45
 among five sacred crops, 45
 and Buddhists, 45
 most widely consumed plant, 45
 and North America, 197
 oil, 223–224
 yields whole protein, 45
- spice trade
 early, 73
 in Europe, 103–104
 European struggle for, 147–148
- spinach, 32
- Spurlock, Morgan, 284
- squash and pumpkin, 115
 domestication, 116–117
 flowers, 116
 gourd-like qualities, 115
 seeds, 116
 summer, 116
- steak tartare, 9, 276
- steamboats (Mississippi), 207
- Stillman Diet, 265
- Stroganov, Pavel, 230
- substitute foods, 257
 Aspartame, 258
 fiber, 259
 margarine, 257–258
 Oatrim, 259
 Olestra, 259
 Saccharin, 258–259
 Simplese, 259
- Suez Canal, 40, 222
- sugar, 163–165
 beet, 165
 cane, 163–165
 Americas, 164–165
 Canary Isles, 164
 Madeira, 164
 cube, 165
- Suleiman the Magnificent, 95
- Sullivan, Thomas, 177
- Sumerian Civilization, 35
 city states, 35
 fish ponds, 35
 irrigation, 35
 priests, 35
 sickle, 35
 slaves, 35
 Tigris and Euphrates rivers, 35



- towns, 35
- wheel, 35
- writing, 35
- Sunday, Billy, 232
- “super foods,” 65
- Super-Size Me*, 284
- sushi, 50, 270
- sweet potato, 129
 - in Oceania, 129, 152–153
- Sweet’s Restaurant, 231
- Swift, Gustavus F., 199
- “syllabub,” 208
- Sylvia’s Restaurant, 272
- Szent-Györgyi, Albert, 244

- Tales of the South Pacific*, 244
- Tannahill, Reay, 201
- taro
 - “dasheen,” 39
 - dryland, 38
 - “eddoe,” 39, 183
 - and Lapita culture, 38
 - true and false, 38
 - wetland, 38
- Tate, Henry, 165
- tea, 45, 49, 170–178
 - bags, 177
 - and Buddhism, 171
 - and Clipper Ships, 177
 - in coffeehouses, 174
 - iced, 177
 - and Lu Yu, 170
 - in North America, 174–178
 - and opium, 176
 - Opium Wars, 176
 - plantations of Assam and Ceylon, 176
 - and porcelain, 173, 197
 - and *Yeisei*, 171
- teff, 56
- Teotihuacán civilization, 112
 - based on maize, 112
 - malnutrition, 112
 - population collapse, 112
- Tex-Mex cuisine, 205
- Thirty Years’ War, 140
- thrifty genes, 5
 - and diabetes, 5
 - and heart disease, 5
 - and obesity, 5
- Tiberius (Roman Emperor), 76
- Tiny Tim, 248
- Toltec culture, 112
- trace elements, 263–264
 - arsenic, 263
 - boron, 263
 - chromium, 263
 - copper, 263
 - fluorine, 263
 - manganese, 263
 - molybdenum, 263
 - nickel, 263
 - selenium, 264
 - silicon, 264
 - vanadium, 264
- Trader Vic’s Restaurant, 232
- Transcontinental Railroad, 203
- triticale, 29
- Trotter, Thomas, 244
- Turkey, 142–143
 - domestication, 142
 - in Europe, 142–143
 - Ocellated, 142
 - returns from Europe, 195
- TV Dinners, 235
- Twining, Thomas, 174

- Unger, I. J., 248
- United Fruit Company, 221
- United Nations Convention’s List of
 Psychotropic Substances, 220
- United States
 - calories available, 255
 - canned foods, 233–234
 - food quality, 239–241
 - meat, 239–241
 - milk, 240–241
 - food substitutes, 241
 - frozen foods, 235
 - industrialization of agriculture, 226–227
 - new frozen foods, 271
 - supermarkets, 234
 - vegetarianism, 259–260
- Uruk, 35

- vatapá*, 187
- Vavilov, Nikolai Ivanovich, 139
- Vedder, W. E. B., 243
- Velázquez, Diego, 156
- Vieux Carrè, 207
- vinegar, 34
- vitamin deficiencies
 - A, (vitamin) 239–241
 - B complex: niacin, 245–246
 - B complex: thiamine, 242
 - C, 2, 4, 5, 243–245
 - D, 248
 - E, 251
 - K, 252



- vivaria*, 77
Volstead Act, 232
- Wales and the leek, 98
Wall Street Journal, 272
wasabi, 49
Washington, George, 198, 205
waterborne diseases
 cholera, 179
 typhoid, 179
water buffalo, 20–21
 domestication, 20–21
 milk production, 20
 and rice, 20, 21
 river buffalo, 20
 sacrificial animal, 21
 swamp buffalo, 20
watermelon, 52, 58–59
Watson, James, 298
Welles, Orson, 269
Wellesley, Arthur, 230
Wesson, David, 223
Western diets, 260
 and Alaskan natives, 260, 262
 and Indians of North America, 264
 and Pacific Islanders, 260, 262
wheat, 26–28, 29, 47, 49, 51, 54
 banner of the Neolithic, 28
 domestication, 27
 einkorn, 26, 27
 emmer, 26, 27
White, Mary Ellen, 200
“white meats,” 100
Wiley, Harvey, 240
William and Mary (joint sovereigns of
 England), 174, 182
Williams, R. R., 243
wine, 181–182
 Australia, 154
 California, 268–269
 date, 28
 France and Germany, 76
 Greece, 72
 and Mediterranean diet,
 268–269
 Mesopotamia, 34
 Mexico, 183
 New Zealand, 242
 Phoenicia, 20–21, 71
 Port, 181
 Roman, 76
 South America, 186
 Argentina, 186
 Chile, 186
Wisconsin cheese industry, 210
World Trade Organization,
 299
wolf, 15
- yak, 21–22
 hardiness, 21
 meat, 21
 milk, cheese, butter, 21
yam, 39
 African cultivation, 39
 American yam, 39
 Asian yams in Africa, 39
 Greater, 39, 59
 Lesser, 39, 59
 potato, 59
 white, 59
Yankee Clipper ships, 176
Yankee pot roast, 212
yerba maté tea, 186
Yeisei, 171
yucca (see manioc)
- Zebu cattle, 48
zink deficiency, 263
 and dwarfism, 263

