Index

Adam and Eve, 405
ageing, theories of, 405–10. See also longevity;
  facts, definitions of, false facts
aggression, 211–13, 224, 227, 228, 237, 439.
  See also alpha male; behavior
AGRON-OMICS, 342, 343, 344, 347
Ali, Monica, 179
Allen, Hartwell, 149
Alliance for Rail Competition, 138
alpha male, alpha hero, 23. See Chapter 16.
  See also behavior; aggression; animal-
  human boundary; narrative; ethology
Altman, Irwin, 233
Amax Coal Industries, 140
animal-human boundary, 15, 19, 171–3, 199,
  210, 213, 230, 441, 444. See also behavior;
  ethology; ecology; romance fiction;
  boundaries; sociology
paranormal fiction, 445
Antiquaries of London, Society of, 420
April, Gorry, 446–50
Arabidopsis Information Resource, The
  (TAIR), 345
Arabidopsis thaliana, 326, 339, 340, 342, 343,
  344, 345
archaeology, archaeologists, 15, 29
  and history, 57–60. See also history;
  communities. See Chapters 3 and 11
architecture, architectural orders, 4, 16, 18, 19,
  29. See Chapters 2 & 3
  and crowding, 226, 235, 238–42
  architectural elements, 21, 46, 50, 86–8,
  100–2
ARCO Coal, 140
Arndrey, Robert, 235
Arizona State University, 142, 152
artefacts. See material objects; facts, notions of
Arundel, Lord (Thomas Howard), 30, 403
Astor Hotel (New York), 90

Athena and Hephaistos Temple (Athens), 84,
  99
Athenian Acropolis, 73, 79
Athenian Theatre-monument of Thrasyllos, 89
Audubon Society, 3, 207
Auranen, K., 382, 383, 384, 392
Austen, Jane. See also fiction; alpha male
Austen, Jane, 9, 433. See also fiction: alpha
  male
authority, 4, 30, 185, 297, 413, 420, 423, 424
Aztalan, Mississippian site of, 309, 310

Bacon, Roger, 30, 406
Bacon, Sir Francis. See Chapter 15
Bailey, John Burn, 423
Baldi, Bernardino, 64
Ballantine Books, 444
Ballard, J.G., 181
Ballling, Robert, 142, 155. See also climate
  change; global warming
Banville, John, 176
Barbara (oral source), 363–9
Barnes, H., 129–33
Barnes, Michael, 432
Barr, Kenneth, 155.
  See also Cyprus Minerals
Baum, Andrew, 225, 240
Bayles, John, 408, 413, 415
Bazerman, C., 361
Bazin, H., 121
Beach, Frank, 209, 217, 219
behavior, 32, 232–5, 245, 442, 446, 448.
  See also alpha male; aggression;
  animal-human boundary.
  See Chapter 7
Berger, John, 435
Billinge, Mary, 421
Billinge, William, 421
Binnig, G., 353
biography, 173–6. See also traveling companions, package; scientists; fiction; popularizations

biology, model organism biology, 230–1.
See also cases; databases; epidemiology; experiments; scientists; longevity. See Chapter 12

bird silhouettes, 3, 207–8. See also “hawk-goose” model; images

Bodleian Library, 407

Bonaparte, Napoleon, 415

books, 4, 21, 64, 68, 93, 102. See also traveling companions, vehicles; carpentry

Boote, Kenneth, 150

Borlaug, Norman, 233

Botts, Amber, 440, 441

Boumans, Marcel, 23

boundaries & terrain., 31–3, 83, 230–1, 232. See also traveling well; animal-human boundary; ethology; technology transfer

Boyle Lectures, 414

Boyle, Robert, 411

Bracken, L., 114

Brady, Williams, and Co., 139, 141

Bradbury, Ray, 181

Breland, Keller, 210

Breland, Marian, 210

Brier, Søren, 183, 187, 188

British Coal Corporation, 155

British Institute of Civil Engineers, 118

British Museum, 73

British Science Museum (London), 352

Brontë, Charlotte, 433

Brown, Henry Kirke, 74

Buat, du L. G., 121

Buckham, Mary, 436, 442

building techniques, 46, 64, 86, 87, 103, 223, 225. See also architecture; archaeology

Bulfinch, Charles, 81

Bush, George H.W., 136, 137, 156

Buss, David, 431–3, 440

Cahokia, Mississippian site of, 309, 310, 317

Calhoun, John B., 19, 22. See Chapter 8

Candida albicans, 260

Capitol (Washington DC), 80

Carandini, Andrea, 56, 58

carpentry, carpenters, 4, 50, 64, 67. See also knowledge; expertise; traveling companions

Carroll, Lewis, 177

Carroll, Noel, 185

cases, medical, 5, 17, 20, 412. See also databases; epidemiology; traveling companions, vehicles; fiction; material objects; narrative; images; research articles. See Chapter 9

fictional, 169, 176. See also popularizations like model organisms, 267. See also biology of epidemics, 383–4

CDC. See United States, Centers for Disease Control

Center for Energy, 138

Center for the New West, 138

Centers for Disease Control (CDC). See United States, Centers for Disease Control

Centre for Energy and Economic Development (UK), 153

CES. See Conveyance Estimation System

Chandler, Raymond, 175

chaperones. See traveling companions, chaperones

character. See facts, character of

Charcot, J. M., 423

Charles I (King), 403, 411

Chaucer’s Canterbury Tales, 170

Chen, Xi, 368

Chezé, de A., 121

Christian, John J., 227, 229

climate change, 4, 143, 156, 183. See also Crichton, Michael; global warming; Palmer, Fred; Greening Earth Society

CMV. See Cytomeglovirus

CO₂, CO₂ fertilization, 138, 143–6, 149. See also global warming; climate change; green revolution; precision farming

Cold Spring Harbor Symposium (1957), 230

community, communities, 5, 11, 27. See also scientists; historians; archaeology; carpentry; models; traveling companions; knowledge

animal communities, 243

conflicts, 137, 157, 430, 434–7, 448. See also fiction

databases. See databases

ethnic communities, 307, 313, 315, 317

networks of, 382–8

receiving communities, 142, 260, 284, 295, 354, 372, 388, 413, 440

companions. See traveling companions

Conan Doyle, Sir Arthur, 58

Condorcet, Marquis de, 415
Index

Connolly, Robert P., 309, 311
class, contextualization, 55, 158, 255, 318, 371, 440, 445. See also facts, definitions of; ethnology; behavior; fiction; history de-, re- contextualisation, 319, 337, 350
Conveyance Estimation System (CES), 112, 115, 116, 117. See also models
coooperation, 282, 298
lack of, 430
Corinth (Archaic Temple at), 103
Cornell Laboratory of Ornithology, 207
Cox, N., 114
Craig, Wallace, 212
Crichton, Michael, 182–7, 438. See also fiction; climate change; global warming; traveling companions; witnesses; facts, definitions of; false facts
Crick, Francis, 335
Cunningham, A., 121, 123
curators, 316, 332, 337–40. See also databases
Cyprus Minerals, 143, 155
Cytomegalovirus, 259, 260, 261, 262
Czartan, Petracz, 415
Dakin, James H., 85, 89
Danish Hydrological Institute (DHI), 125
Darwin, Charles, 423, 424, 441, 442, 445
Daston, Lorrain, 9, 68
data
data driven research, 329, 339–40
empirical data, 114, 116, 120, 124, 125, 129, 133, 305, 309, 317, 385, 393, 396, 397, 434, 442, 449
re-use, 308, 333, 336, 342, 397
scientific data, 152, 172, 184, 236, 240, 262.
See also facts, definitions of databases. See also curators; traveling companions, package. See Chapter 12 as stores of knowledge, 265, 381, 396
bioinformatics, 28, 330
examples, 334, 340
vs. encyclopaedia, 51, 59, 67
David (King), 406
Davis, Alexander Jackson, 89
Davis, David E., 226
Davis, Edwin, 303
Davis, Glenn, 241
Dawkins, Richard, 445
DEE. See Tamil Nadu Directorate of Extension Education (DEE)
Defoe, Daniel, 23
demography. See population studies
demonstrate, demonstration effect, 173, 256, 283–4, 294, 354. See also experiments
Derham, William, 414
Desmond, Countess of, 406, 417, 422
Dharmapuri Precision Farmers Agro Services Limited (DPFAS), 292, 293, 294
Dharmapuri, Tamil Nadu, 275, 279, 293, 294
DHI. See Danish Hydrological Institute
Dilettanti, English Society of, 105
Dionysus, 74
DNA, 327, 334, 335, 348
DNIM. See Dynamics of Natural Immunity Model
Downshire Estate, 118, 119
DPFAS. See Dharmapuri Precision Farmers Agro Services Limited (DPFAS)
drawings. See books; images
Dudman, Clare, 175, 177, 180, 186
Duheim, Pierre, 329
Dynamics of Natural Immunity Model (DNIM), 389, 396
Easton, James, 415
ecology, ecosystem, 146, 224, 229–30, 231, 235, 431. See also ethology
Eden, Murray, 230
Edison Electric Institute, 155
Ehrlich, Paul R., 180, 236
Eigler, D.M., 353, 354
Elgin, Lord of, 73
Eliot, George, 433
Eminent Mounds. See Chapter 11
Emlen, John T., 226
epidemics, 5, 238. See also cases, of epidemics
epidemiology, 5, 34, 256, 262. See Chapter 14
epistemology, epistemic, 116, 169, 182, 185, 261, 262, 267, 268, 308, 318, 335, 341, 350, 381, 412. See Chapter 1
ethology, 3, 19, 32. See also Tinbergen, Niko; Wilson, Edward O.; behavior. See Chapter 7
European Bioinformatic Institute, 345
Evelyn, John, 413
evidence, 15, 22, 47, 56, 58, 137, 140, 145, 156, 180, 184, 187, 206, 237, 241, 256, 260, 285, 305, 307, 309, 313, 329–30, 335–9, 379, 390, 397, 410, 412, 413, 416, 431, 442, 448. See also cases; data; fiction; facts, definitions of, false facts; traveling companions, witnesses; experiments; archaeology
evidential robustness, 310, 313
Index

experiments, 3, 9, 19, 114, 120, 123, 144,
181, 199, 202, 205, 208, 259, 280, 288,
See also facts, definitions of, false facts;
demonstration. See Chapter 8 and
Chapter 13
expertise, 68, 188, 280, 289, 297, 331, 337, 341,
361, 369, 412. See also knowledge
experts. See traveling companions, experts
Eyam village plague, 23, 310
FA. See Farmer Associations (Tamil Nadu)
facts character of, 26, 33–5, 129, 154, 183,
208, 225, 246, 261, 280, 318, 337, 369,
371, 388, 424
definitions of, 7–12. See also facts, notions of
facts and knowledge, 8–12.
See also knowledge
false or misleading facts, 6, 12, 21, 29, 34,
46, 54, 153, 169, 183, 262, 410–12,
423–4. See also fiction
Fleck's community facts, 13, 14.
See also Fleck, Ludwik; Latour, Bruno
generic vs. particular facts, 16, 20, 22,
255, 265–9. See also traveling well,
integration, smoothing and sharpening
size of, 14, 317, 327–30. See also context
small facts, 328. See also data
types of, 7–12, 50, 52, 54–6, 113, 280, 302,
352, 359, 370, 379
market for, 4, 6, 18
marketing of, 72, 140, 152, 153, 159, 244,
372, 413
notions of, 8. See also facts, definitions of
bundles of facts, 244, 255, 280, 297, 329,
370, 440
fact vs. fiction. See fiction, and facts
facts vs. artefacts, 15, 49, 54, 317
history of, 8
interpretation of facts, 9, 52, 56, 67.
See also context
layers of facts, 29, 49, 69. See also images;
material objects
lives, careers, of, 3, 25, 33, 318, 378, 381,
398. See also traveling companions,
traveling well
resistance to facts, 4, 30, 150, 152, 154, 159
traveling of. See traveling companions,
traveling well
Farmer Associations (Tamil Nadu), 281, 282,
289, 291, 292, 294, 297

Fasken, G., 128–33
Fechan, Christine, 445
Feigenbaum, Mitchell, 174
Feynman, Richard, 174
fiction. See also alpha male; narrative; traveling
companions; behavior; popularizations;
cases; biography; scientists; story.
See Chapter 6 and Chapter 16
and (false) facts, 10, 12, 23, 177, 184, 232.
See also facts, definitions of
and psychology. See psychology
as evidence, 179–80, 446. See also evidence
detective fiction, 20
fact-fiction ratio, 23, 168, 302, 440
feminism & romance writers.
See also community, conflicts.
See Chapter 16
fictional dialogues, 178, 184
folklore, 178, 413
romance. See Chapter 16
science fiction, 19, 181
Fleck, Ludwik, 13–15, 450
Flourrens, Pierre Marie, 417
formulas. See also research articles; cases;
traveling companions; experiments;
models
engineering, 25, 113, 121, 124.
See also Manning's ‘n’
in fiction (formulic), 433, 446–7
mathematical, 178, 231, 238, 388, 417–19
Fort Ancient (archaeological site), 309, 311,
317
Fortiguerra, Cardinal Nicolo, 44, 46
Fox Keller, Evelyn, 398
Franklin, Rosalind, 335
Freedman, Jonathan, 236–41
Freud, Sigmund, 55, 58, 78
fruitfulness. See traveling well, fruitfulness
Fuller, Thomas, 409
functions. See traveling well, fruitfulness
Galilei, Galileo, 120
Gallier, James, 89
Ganguillet, E., 121
Gauss, Carl Friedrich, 175
Geertz, Clifford, 187
Gene Ontology Consortium (Hinxton, 
Cambridge), 345
genetics, 14, 183, 197, 198, 210, 441–2.
See also databases; psychology; behavior.
See Chapter 12
German Coal Mining Association, 155
Index

Ginzburg, Carlo, 21, 58–60
Gleick, James, 173–6
Global Climate Coalition, 138
global warming, 4, 184–5.
  See Chapter 5. See also climate change;
  CO₂; Crichton, Michael
GNKM. See Goodnight Kiss Model
Godwin, William, 415
Goethe, Friedrich, 203
Goethe, Wolfgang, 77
Goldstein, Lynne, 310
Gompertz, Benjamin, 418–20
Goodall, Jane, 445
Goodnight Kiss Model (GNKM), 382–3, 384–7, 391
Gore, Albert Jr., 186
gossip and rumor, 17, 155, 187.
  See also traveling well, integrity
Gottlieb, Michael, 259
Grange Park (Hampshire), 99
Grant, John, 418
Greek architecture, 83–6, 103–4.
  See also architecture
green revolution, 16, 25, 149, 150, 233, 275.
  See also technology; CO₂ fertilisation;
  precision farming; TNAU
Greening Earth Society, 138, 139, 143.
  See also climate change; CO₂; global warming
Greening Earth Theory, 138, 143–50
Greening of Planet Earth, The (video), 146
Gregory, John, 424
Haan, Bieren de, 197
Hacking, Ian, 328
*Haemophilus influenzae* type b (Hib).
  See Chapter 14
Hall, Edward, 232
Halley, Edmond, 418
Hamilton, William I., III, 206
Hansen, James, 136
Harbaugh, Karen, 444
Harlequin, 343, 435, 447
Harrison, John, 175
Hart, James, 408
Harvey, William, 30, 32, 411–13, 416–17, 423
hawk-goose model, 203–8. See also behavior;
  models
Hawley, Amos, 224, 231
Heath Protection Agency. See United
  Kingdom, Health Protection Agency
HEC-RAS (software), 115, 125, 127, 130
Hediger, Heini, 232
Heinroth, Oskar, 197, 198–200, 203, 219
Helsinki, Technical University of, 382
Helsinki, University of, 382
Herder, Johann Gottfried, 77
Herschel, Caroline, 423
Hicks, D., 130
Hilgartner, Stephen, 167
Hinde, Robert, 195
Hirsch, Jerry, 205, 206
historians, history, 4, 21, 29, 32, 44, 51.
  See also communities; archaeology;
  architecture. See Chapter 11
historical method, 57–60
HIV-AIDS, 5, 258. See also cases; evidence;
  infection
Hobbes, Thomas, 409, 410
Hofstader, Douglas, 177–8
Holland, Henry (Architect), 99
Holland, Sir Henry (Physician), 418, 421
Holmes, Sherlock, 57, 58
Hone, Philip, 83, 92
Hopewell (archaeological site), 314.
  See Chapter 11
Howard, Linda, 441, 442, 445
Hufeland, Christoph Wilhelm, 416
Human Genome Project, 340
Humboldt, Alexander von, 175
Hunston, John, 35
hydraulic science, 24. See Chapter 4
HYDRO-1D (software), 115
IBM, 351–6, 358, 362, 370
IBM logo. See images
ICE (Informed Citizens for the Environment), 138, 140.
  See also climate change; global warming
Idso, Craig D., 150
Idso, Sherwood, 142, 147, 150, 152.
  See also climate change;
  global warming; United States,
  Agriculture, Department of
images, 28, 138, 146, 198, 206, 208, 231, 243, 311, 327, 413. See also narrative; research
  articles; traveling companions, vehicles;
  context; books; facts, notions of; “hawk-
  goose” model; popularizations; material
  objects. See Chapter 13
composite visual displays, 358–9, 362, 370
photographs, photographic reference, 113,
  125, 128
immutability. See traveling well, integrity, immutability

infection, infectious diseases, 259–60, 261–2. See Chapter 14. See also cases

Informed Citizens of the Environment. See ICE

instinct, 199, 208, 214, 233. See also ethology; behavior; aggression

innate releasing mechanism, 204, 206

Institution of Civil Engineers of Ireland, 112, 118, 123, 124

integrity. See traveling well, integrity

Intergovernmental Panel on Climate Change (IPCC), 136, 141

Internet, 6, 27, 28, 32, 34, 155, 207, 327, 331, 351, 434

IPCC. See Intergovernmental Panel on Climate Change (IPCC)

IRM. See instinct innate releasing mechanism

ISIS (software), 115, 117, 125, 127

Island Creek Coal Company, 140

Jackson, Andrew, 81

Jain Irrigation Systems Ltd., 293, 294

Jefferson, Thomas, 80, 304

Jenkins, Henry, 408, 418, 422

Jonathan Creek, Mississippian site of, 311, 314, 315

Jones, Inigo, 64, 67

Kaposi sarcoma, 258, 260

Kehlmann, Daniel, 175, 180, 186

Keill, James, 413

Kerr, Richard, 153

Keyfitz, Nathan, 233

Kimball, Bruce, 144

Kinsale, Laura, 438, 440

Klenze, Leo von, 79

knowledge. See also cases; databases; expertise; traveling companions, experts; community; facts; definitions of background, 128, 319, 370 claims, 186, 328, 377 experiential, 280 scientific, 266, 280 sources of, 8–12, 424 specialist, 167, 169 technical, 49 transfer, 179, 231 types of, 46, 47, 58, 388, 393, 394, 396 useful and reliable, 10

Koestler, Arthur, 180

Krentz, Jayne Ann, 437–9

Krishnagiri, Tamil Nadu, 275, 279

Kutter, W.R., 121, 129

Kuwait Foundation for the Advancement of Sciences, The, 155

labels. See traveling companions, labels

laboratory, 114, 145, 202, 205, 263, 289, 332, 336, 357. See also experiments; images; data; expertise; knowledge. See Chapter 8

Lafever, Minard, 79, 93

Lancet, The, 252

Lane, S.N., 113, 114

Latour, Bruno, 13–14, 357, 378. See also traveling well, integrity, immutability

immutable mobiles, 13

Lawrence, Martha, 422

Lawson, Richard L., 150

Le Bon, Gustav, 224

Le Roy, Julien David, 79, 103

Lehrman, Daniel, 200

Leino, T., 382, 383, 391

Leonard, Ned, 153

Lessing, Doris, 181

Levi, Primo, 180

Lewis, Sir George C., 421

Lindley, R.H., 205

Lockard, Robert B., 210

Locke, John, 407

longevity, life expectancy, 29. See also facts, definitions of; false facts; traveling companions, scaffolding; fiction; evidence; authority. See Chapter 15

Loomis, Alfred, 423

Lorenz, Konrad, 3, 22, 235, 244. See Chapter 7

Luxdorp, Bolle Willum, 415, 421

Lynch, Bernard, 414

Lynch, M., 357

Lyseicrates Monument (Athens), 87

MacCormick, Sir Neil, 159

MACOS, 213–17

Mako, Suzette, 441

Malthus, Thomas (and Malthusianism), 224, 229, 233

Manning, Aubrey, 206

Manning, Robert, 112, 118–24, 133

Manning’s ‘n’, 24. See also formulae; experiments; images; traveling companions, package; models. See Chapter 4
marks as 'clues', 4, 46, 51, 62. See also cases
data, 328
Latour, 13, 15. See also Latour, Bruno;
carpentry; data
Marksville (archaeological site), 305, 306, 314,
317
Marler, Peter, 206
Mason, P., 130
material objects, 27, 72, 78, 328, 359.
See also images; traveling companions;
facts, notions of, facts vs artefacts;
carpentry; archaeology; architecture;
models; formulae; cases. See Chapter 2
as artefacts, 303, 306, 315, 316
vs. linguistic objects, 14, 28
See also behavior; aggression
Mayeux, Herman, 148, 151
Maynwaring, Everard, 405
McGimsey, Charles R., 306, 314
McHarg, Ian, 235
McVernon, J., 393, 395, 397
medicine, medical science. See also cases;
community; experiments; models;
epidemiology; databases. See Chapter 9
Metchnikoff, Elie, 423
Metternich, Count, 77
Michaels, Leigh, 445
Michaels, Patrick, 142. See also climate change;
global warming
Michelson, William, 235
microscopy, 349, 351–2, 354–6, 360.
See also images; nanotechnology;
experiments; traveling companions;
vehicles; research articles
MIKE 11 (software), 115, 125, 127
Miller, George A., 170
Mills and Boon, 434, 447
Mississippian (archaeological site), 303,
See also Shiloh Indian Mounds
(archaeological site); Jonathan Creek,
Mississippian site of; Cahokia,
Mississippian site of; Aztalan,
Mississippian site of. See Chapter 11
models, modeling, modelers, 5, 31, 34, 65, 81,
84, 86, 99, 143, 153, 186, 198, 203–4, 230,
236, 314, 317, 365, 416, 442. See Chapters 4
and 14. See also biology; images; databases;
experiments; traveling companions; facts;
definitions of, false facts; knowledge
modernity. See progress
Modleski, Tania, 434–7, 443–4, 447–50
Moivre, Abraham de, 418
Moliyanur Precision Farmers Association, 291
Monticello, 80
Morelli, Guivanni, 58
Morgan, Conway Lloyd, 197
Morris, Desmond, 212, 441, 444, 445
Mortality and Morbidity Weekly Report
(MMWR), 252
Mount Vernon (Virginia), 80
Mumford, Lewis, 233
Mussell, Kay, 435, 443, 449
nanotechnology, 28, 349, 358. See also images;
expertise; research articles
narrative. See also alpha male; facts, definitions
of, false facts; traveling companions;
research articles; historians;
arachneology; stories
case studies. See cases
fictional. See also fiction. See Chapter 6 &
Chapter 16
historical, 50, 59. See Chapter 11
structures, 151, 155, 432.
See Chapter 6
visual, 361–3, 368, 372. See also images
National Center for Atmospheric Research
(NCAR), 153
National Coal Association, 150
National Institute of Mental Health (NIMH),
223
National Mining Association, 138
National Press Club,
National Public Health Institute (Helsinki,
Finland), 382
Nature (journal), 354, 356, 370
NCAR. See National Center for Atmospheric
Research
Nelkin, Dorothy, 215
New England Journal of Medicine, 259, 260
New Hope Environmental Services, 149
New York Commercial Exchange, 90
NIMH. See National Institute of Mental
Health
Nobel Laureates
Borlaug, Norman, 233
Crick, Francis, 335
Lorenz, Konrad, 3. See Chapter 7
Metchnikoff, Elie 423
Timbergen, Niko. See Chapter 7
Watson, James, 335.
package, packaging. See traveling companions, package
Palmer, Fred, 138, 139, 151–4. See also climate change; global warming; Greening Earth Theory; Western Fuels Association
parentage, paternity. See traveling companions, parentage
Park, Robert Ezra, 224
Parr, Thomas, 12, 29, 32, 34. See Chapter 15
Parthenon, 73, 74, 83, 88, 103
Pasteur, Louis, 384
Patriarchs (Methuselah, etc.), 405, 412, 414, 419
Paulus, Paul, 242
Peabody Holding Company, 140
Pearl, Raymond, 224, 226, 231
Penrose Research Laboratory (Philadelphia Zoo), 229
Pfeiffe, Robert, 383
Philadelphia Zoo, 229
photographs. See images
Pinker, Steven, 172
Plot, Robert, 407
popular culture, 435, 444. See also fiction; alpha male; narrative; popularizations; stories; architecture; archaeology; progress
popularizations, 23, 143, 147, 153, 211, 217, 231, 253, 307, 327, 351, 407, 413, 440–2. See Chapter 6. See also fiction; alpha male; behavior; climate change; Crichton, Michael; narrative; images; traveling companions; architecture; archaeology; stories
population, population studies, 152, 181, 258, 260, 304, 312, 314, 382, 386–7, 395. See Chapter 8. See also ecology; ethology; behavior; aggression; climate change; epidemiology; cases; statistics; communities; archaeology
precision farming. See also green revolution; technology; TNAU. See Chapter 10
predictions/forecasting, 24, 132, 153, 182, 393, 396. See also models; climate change; hydraulic science; formulae; epidemiology
progress, 47, 79–81, 146, 152, 158, 182, 286, 287, 449. See also architecture; archaeology; climate change; historians; popularizations; fiction; psychology; ecology; epidemiology; technology
psychology, 176, 198–200, 208–10, 231. See also alpha male; behavior; fiction; popularizations; narrative; story
progressive thinking, 47, 79–81, 146, 152, 158, 182, 286, 287, 449. See also architecture; archaeology; climate change; historians; popularizations; fiction; psychology; ecology; epidemiology; technology
public health, 149, 154, 226, 241, 245, 257, 260, 383–8. See also cases; epidemiology; models; population; climate change; statistics
Pucci, Guiseppe, 58, 60, 64
Pynchon, Thomas, 176
Radway, Janice, 435, 438, 443, 449
Ralegh, Sir Walter, 406
Rashevsky, Nikolas, 230
Ratcliffe, Herbert, 229
Rats of Nihm, The, 19
Reagan, Ronald, 137
research articles, 150, 153, 171, 177, 231, 259–61, 264, 327, 340–1. See Chapter 13. See also books; images; narrative; cases; databases; fiction; traveling companions; vehicles
Revett, Nicholas. See Chapter 3
Rheinberger, H.-J., 373
Ripley, S. Dillon, 207
Roberts, Samuel, 119
Robinson, Tancred, 408
robustness. See traveling well, integrity, robustness
Rockefeller Foundation, 226
rodent, rat experiments. See experiments; behavior; aggression; ethology
Rodgers, Dennis, 179
Rohrer, H., 353
Romance Writers of America (RWA), 434, 435, 437, 447
Romance Writing Book Club, 444
romance, romance fiction, 15. See Chapter 16. See also fiction; narrative; animal-human boundary; psychology; popularizations; story and feminism, 434. See also community, conflicts
Romantic Times, 434
Royal Society of London, 408, 414, 418
Rubens, Sir Peter Paul, 30, 403
RWA. See Romance Writers of America
Sacks, Oliver, 176–7, 253
Saint Cecilia in Trastaverne (Church of), 44–9
Salmon, Catherine, 448–50
Sayers, Dorothy, 20
scaffolding. See traveling companions, scaffolding
Scanning tunnelling microscope (STM), 352, 354
Schaffer, Simon, 9
Schleidt, Wolfgang, 205–8
Schmitt, D., 432
Schroeder, Sissel, 311
Schweizer, E.K., 353, 354
science popularization(s). See popularizations
Scientific American, 223, 227, 231
Scientific Monthly, 171
scientists, 176–7, 205, 217, 230–2, 290, 329, 334, 339, 342. See also traveling companions; popularizations; narrative; research articles; experiments; knowledge; epistemology; community; authority; models; laboratory; biography; facts, market for scientific community, 148, 354, 358, 372
Second Bank of the United States, 83, 87, 104
secondary retrieval (of facts), 308–10, 311–12. See also archaeology; context; traveling companions, package; evidence; material objects; marks; facts, definitions of
Seidel, Kathleen Gilles, 438, 440, 443
Selye, Hans, 229, 230
Serlio, Sebastiano, 55, 66, 67
sexual behavior. See mating behavior
Sfondrati, Cardinal Emilio, 47, 49
Shapin, Steven, 9, 410, 411
Shapiro, Barbara, 217, 236, 362, 389, 413
Shapiro, Barbara, 8, 410
Sheldonian Theatre, 66
Shelley, Mary, 171
Shiloh Indian Mounds (archeological site), 305, 311
Siewert, Horst, 197
Silhouette, 434
Simmel, Georg, 230
Sinclair, Sir John, 416
Smithsonian Institution, 207
smoothing and sharpening. See traveling well, integrity, smoothing and sharpening
Snyder, Robert L., 229
Sobel, Dava, 175, 177, 186
Socci, Anthony, 141
sociology, sociobiology, 173, 217, 236–7, 389, 431, 441. See also animal-human boundary; psychology; behavior;
Tinbergen, Niko; fiction; narrative; images; scientists; community; evidence; models; story
Solzhenitsyn, Aleksandr, 180
Southern Ceremonial Complex, 303
Squier, Ephraim, 303
St. Pancras Church (London), 99
St Pancras station, 6
St Paul's Cathedral (London), 3, 14, 60–7. See also architecture; marks; material objects; carpentry; traveling companions, vehicle; books; evidence
Staphylococcus, 256, 258
Stassow, Wassili Petrovich, 79
statistics, 184, 236, 417–20. See also longevity; biology; traveling companions; population; models; evidence
Stenber, George, 384
STM. See Scanning tunnelling microscope; microscopy
story, stories, 6, 55, 60, 152, 171, 174, 181, 185, 201, 209, 211, 212, 214, 231, 362, 413, 415, 423, 429, 433, 438. See also images; narrative; fiction; cases; evidence; marks
Streptococcus pneumoniae (Pnc). See Chapter 14
Strickland, William, 83, 87, 88, 104
Stuart, James. See Chapter 3
Swift, Jonathan, 23
symbols, 49, 73, 100, 106, 178, 307, 353. See also architecture; archaeology; material objects; popular culture; images; marks
Symons, Don, 448
TAIR. See Arabidopsis Information Resource, The (TAIR)
Taiwan (government of), 34
Tamil Nadu, 19
Agricultural University (TNAU). See Chapter 10
Directorate of Extension Education (DEE), 281, 289
Precision Farming Project (TNPFP). See Chapter 10
Taylor, John, 403, 408, 409
techniques. See building techniques; carpentry; models; hydraulic science; precision farming; archaeology; microscopy; narrative, structures
technology. See also traveling companions, package; precision farming; images; models; experiments; nanotechnology; scientists
agricultural, 19, 143, 279, 280
and evolution, 211
and material objects, 54
information. See databases
technology transfer, 316. See also climate change; traveling companions, package; scientists; ecology; models; experiments.
See Chapter 10
Temple, Sir William, 407
Tennessee See State Capitol (Nashville) 86
Thomas Howard. See Arundel, Lord (Thomas Howard)
Thomas Malthus (and Malthusianism), 415
Thoms, William, 420–3
Thorpe, W.H., 209
Tiger, Lionel, 431
Tinbergen, Niko, 3, 22. See Chapter 7
Tissot, Samuel Auguste, 415
TNAU. See Tamil Nadu Agricultural University
TNPFP. See Tamil Nadu Precision Farming Project
Tolman, E.C., 205
Torr icelli, Evangelista, 120
Toxic-shock Syndrome, 256
traveling companions, 4, 26–30, 33
chaperones, 5, 30, 32, 384, 411
experts, 30, 32–3, 148, 158, 185, 187, 361, 369, 411. See also models; scientists; historians
labels, 22, 27–9, 332, 335, 363.
See also databases; curators; images; research articles
material objects. See material objects
package, packaging, 5, 27–9, 113, 117, 133, 138, 157, 278, 287, 297, 337, 358, 362, 372, 396, 430, 440. See also databases; narrative; fiction; popularizations; images; formulae; cases; biography; research articles; technology; story
unpacking, 350, 367
parentage, paternity, 26, 30, 159, 246, 385
scaffolding, 29, 201–2, 316, 405, 416, 417, 420, 422, 448
See also cases; fiction; narrative; popularizations; research articles; story
money, 21, 27, 31, 279, 282, 283, 296
pictures, photographs, drawings, books.
See books; images
records, recording, 21, 23, 125, 130, 152, 268, 409, 413, 418. See Chapter 11
witnesses, 9, 23, 30, 138, 154, 197, 410–11, 420
traveling well
character. See facts, character of
fruitfulness, 12, 18–25, 262, 393–7
boundaries/terrain. See also precision farming; popularizations; archaeology; architecture.
See boundaries
functions, 7, 12, 25, 33. See also facts, character of
over space, 208–9, 390
over time, 44, 59, 101–5
integrity, 7, 12, 13–18, 83, 98, 113, 150, 202, 244, 287, 289, 291, 303, 315, 319, 398, 430, 446, 450. See also fiction; facts, definitions of, false facts; popularizations; gossip and rumor
immutability, 13, 68, 72, 389
robustness, 197, 202, 219, 225, 244, 246, 377
smoothing and sharpening, 17, 255, 265, 392. See also cases; context; facts, definitions of; evidence; epistemology; models; images
Trivers, Robert, 215
Trouillot, Michael-Rolph, 302, 308, 318
trust, 140, 183, 197, 297, 336, 341, 369, 415, 423. See also scientists; authority; evidence; facts, notions of; traveling well, integrity
TSS. See Toxic-shock Syndrome
TUFLOW (software), 132
Tu nner, Stephen, 183, 187
United Kingdom
Board of Works (Office of Public Works), 119
Department of Food, Environment and Rural Affairs (Defra), 115
Environment Agency (EA), 115, 132
Health Protection Agency, 381, 382, 387
United Nations
Environment and Development Conference (Earth Summit), 136
Environment Programme, 136
Framework Convention on Climate Change, 137, 155, 156
Index

Kyoto Protocol, 151, 156
World Health Organization, 384, 385, 387, 393
United States
Agriculture, Department of, 143, 144, 148, 151
Army Corps of Engineers, 125
Centers for Disease Control (CDC), 252, 255, 256, 260, 261
Congress, 136
House of Representatives (Committees of), 140, 155
Fish and Wildlife Service, 207
Geological Survey, 130
National Science Foundation, 149
President, 136, 137
Vice-President, 137
Work Projects Administration (WPA), 305, 306, 312
Unknown Flowering Object gene (UFO), 340

Vadivel, E., 275
Valins, Stuart, 225, 240
Vaughan, Sir William, 407
teaching companions, vehicles
VLYN1 (gene), 333, 335
Vygotsky, L., 389

Waal, Frans de, 431
Wallingford, H.R., 115, 125
Warwick University, 387
Washington, George, 80
Watson, James, 335
Watts Riots (Los Angeles), 232

Webb, William S., 312, 315
Wegener, Alfred, 175
Welch, Paul D., 311
Western Fuels Association, 137.
See also climate change; global warming
Westminster Abbey, 30, 403, 424
Whale Oil Row (New London, CT), 81
Wheel, William Morton, 171–3, 178
White House, 80
Whitman, Charles Otis, 198
WHO. See United Nations, World Health Organization
Williamson, Penelope, 439–41
Wilson, E.O., 172, 178, 217, 431
Winckelmann, Johann Joachim, 73, 80.
See also architecture; archaeology; books; traveling companions, vehicles
Wirth, Louis, 230
witnesses. See traveling companions, witnesses
Wolfe, Tom, 232
Wood, Anthony, 407
Wood, S., 357
World Health Organization. See United Nations, World Health Organization
World Meteorological Society, 136
Wotton, Henry, 64
Wren, Sir Christopher, 3, 64–7.
See also architecture; books; traveling companions; carpentry
Zero Population Growth (ZPG), 180
Zibrak, Arielle, 444
Zigman, Laura, 445
ZPG. See Zero Population Growth