

Name Index

A

Abel, 172
 Abelard, 7, 72
 Achinstein, 13
 Ackerman, 133, 211, 212
 Adler, 188
 Alexander, 4, 6
 Alexandria, 5, 88, 208
 Alfonso VII, 8
 Alhazen, 132
 Al-Khwarizmi, 6
 Alvarez, 51
 Anchorage, 46, 50, 58, 59
 Angier, 193
 Antarctica, 107, 193
 Aquinas, 9
 Arab, 6-9, 128, 132
 Arabian Peninsula, 6
 Archimedes, 10, 11, 61, 64, 159, 172
 Aristocles. *See* Plato
 Aristotelian, 43, 60, 61, 72, 160
 Aristotle, 4, 5, 14, 46, 60, 63, 72, 82, 162
 Arnaudin, 153, 154
 Arnauld, 11
 Athens, 3, 4, 5, 6
 Atwater, 177
 Augustine, 5, 6, 181
 Aurelius, 196
 Ausubel, 153
 Axelrod, 203, 204

B

Babylonia, 6
 Bacon, F., 10-12, 14, 17, 74
 Bacon, R., 8, 9
 Bailey, 16
 Baker, 137, 187
 Bauer, 70, 92, 93, 95, 96
 Bean, 142
 Bedouin, 6
 Begleiter, 70
 Berkeley, 51
 Bernard, 150, 170
 Bernard of Chartres, 11
 Bernstein, 177

Beveridge, 74, 97, 100, 103, 107, 139, 143, 165, 172, 174, 178
 Bhagavad Gita, 184
 Bible, 92, 196, 198, 205, 208
 Biondi, 174
 Blackett, 194
 Blake, 168
 Blatty, 117
 Blauner, 200
 Blondlot, 145
 Boghosian, 122
 Bonnichsen, 68
 Boyd, 61, 143, 177
 Brehaut, 6
 Broca, 142
 Bronowski, 10, 125, 155, 184, 185, 196, 198, 208, 209, 212
 Brown, 17
 Browne, 101
 Brumer, 2
 Brunelleschi, 132
 Bruner, 128, 162
 Bruno, 10
 Buck, 8
 Buddha, 198, 211
 Burns, 187
 Bush, 191

C

Caliph Omar, 88
 Calvin, 17, 20, 134, 143, 171, 177, 181, 182, 185, 200
 Campanella, 195
 Campbell, 184, 185, 196, 212
 Carnap, 146, 156
 Catholic Church, 7
 Cavazon-Gaither, 2
 Chambliss, 6, 9, 82
 Chandler, 169
 Chartres, 7, 8
 Chauvenet, 33, 35, 37-41, 47, 48
 Cheng, 72
 Chladni, 166
 Christian, 5, 8, 9
 Clausewitz, 158
 CM-2 Connection Machine, 121
 COBE satellite, 193

Cohen, 191
 Coleridge, 211
 Committee on the Conduct of Science, 205
 Conant, 12
 Constantinople, 8
 Copernicus, 10, 157
 COSEUP, 191
 Cowell, 101
 Cray, 102, 121
 Crombie, 8
 Crusaders, 8
 Cunningham, 11
 Curie, 199

D

da Vinci. *See* Leonardo da Vinci
 Daedalus, 185
 Dante Alighieri, 182
 Dartmouth, 126, 127
 Darwin, 14, 92, 99, 170-172, 184, 186, 207-209
 Darwinian, 17, 157, 187
 Davy, 17
 Dedekind, 195
 Derry, 70, 185, 186
 Descartes, 10-12, 14, 74, 131, 132, 162
 Diaconis, 46
 Dillard, 44, 63, 181-183, 198
 Dixon, 31, 35
 Doyle, 71, 99, 149
 Dulong, 157

E

Edison, 14, 169
 Egypt, 101, 196
 Ehrlich, 107
 Einstein, 68, 71, 74, 129, 130, 132, 139, 148, 156, 162-164, 167, 170, 171, 173, 175, 177, 178, 184, 195, 197, 201, 207, 209, 211, 213
 Eiseley, 127
 Eldredge, 17, 163
 Emerson, 212
 Empedocles, 195
 Ennis, 89

Eratosthenes, 5
 Euclid, 4, 207, 208
 Europe, 4, 6, 7
 Executive Office of the
 President, 191

F

Fabre, 100, 101, 135
 Fairweather, 6
 Feynman, 185, 199
 Fisher, 27, 31, 57
 Fleischmann, 144, 145
 Fleming, 178
 Fowler, 3
 Franklin, 187, 207
 Freedman, 202
 Freud, 188

G

Gaither, 2
 Galileo, 10, 14, 44, 90, 91, 160,
 184
 Galison, 51
 Gallup, 19
 Gandhi, 184
 Gellner, 96
 Gerard, 172
 Gibbon, 5
 Giere, 158
 Gilbert, 141
 Gleick, 59, 107, 149, 164, 200,
 212
 God, 3, 5, 6, 7, 105, 128, 139,
 184, 195
 Goldstein, 4, 5, 7, 8, 208
 Goleman, 127, 134, 200
 Gomory, 191
 Gould, 17, 88, 127, 135, 140,
 142, 163
 Gregory, 135
 Grosseteste, 8, 9

H

Harris, 3, 9, 42, 71, 189
 Hartmann, 166
 Hastorf, 126, 127
 Heisenberg, 63, 129, 130
 Helmholtz, 169, 172, 175, 176
 Hemingway, 105
 Heminway, 106
 Heraclitus, 144
 Hesse, 187

Hilts, 120
 Hippocrates, 104
 Hochberg, 132
 Hoenig, 197
 Hoffman, 37
 Hoffmann, 164, 167, 170, 173,
 175, 210
 Hofstadter, 178
 Holmes, 71, 73, 99, 149
 Holton, 44, 90
 Hooke, 11
 Hoover, 19, 69
 Hornsby, 48
 Houdini, 207
 Hubbard, 136
 Hubble, 194, 208
 Hudson River, 21
 Hume, 61, 63
 Hurley, 64, 83, 87
 Huxley, 92

I

Ibn el-Ass, 88
 Ibrahim, 128
 Icarus, 185
 India, 6, 200
 Isidore of Seville, 6
 Islam, 6, 8, 9
 Ittelson, 135

J

Jarrard, 136, 167, 191
 Jason, 177
 Jefferson Starship, 185
 Jeffrey, 156
 Jesus, 184
 Jones, 142
 Joyce, 181
 Justinian, 6

K

Kant, 14
 Kelvin, 179
 Kennedy, 186, 200
 Kepler, 10, 131
 Kilimanjaro, 105
 Killeffer, 4, 105, 111, 171, 180,
 190
 Kohlberg, 206
 Kolata, 70, 94
 Krafft, 198
 Kropotkin, 170, 181

Kuhn, D., 71, 72, 129, 137, 140,
 147, 164, 165, 206
 Kuhn, T., 128, 145, 148, 150,
 151, 157, 161-164, 167, 188

L

Lakatos, 160, 161
 Lambert, 158
 Lamont, 106
 Landon, 19
 Langmuir, 119
 Larson, 97, 114, 115, 130, 146
 Lee, 61, 62
 Leibniz, 72, 208
 Lenzen, 61
 Leonardo da Vinci, 8, 9, 14,
 123, 187, 208
 Leuba, 172
 Literary Digest, 19
 Locke, 11
 Loehle, 179
 Lord, 128, 129
 Lorenz, 1, 190, 199, 201
 Lubkin, 190
 Luoma, 118

M

Maddox, 198, 205
 Magnus, 9
 Magsat, 18
 Malinowski, 62
 Mall, 142
 Malthus, 208
 Mannoia, 68, 143, 158, 163, 165
 Maori, 137
 Marx, 188
 Maslow, 181
 Massey, 31, 35
 Matthiessen, 172, 184, 198
 Medawer, 12, 13, 73
 Mediterranean, 6
 Menard, 207
 Mendel, 207, 209
 Mensa, 91
 Michelson, 166
 Mill, 61, 64, 65, 72
 Minkowski, 129
 Mohammad Ali, 14
 Morris, 2
 Mostelle, 46
 Mulla Nasrudin, 106
 Muslim, 6, 7, 8, 88

N

Nair, 35
 National Science Foundation, 192, 203
 Neisser, 131, 132
 New Zealand, 137
 Newton, 10, 11, 90, 99, 132, 157, 164, 171, 173, 186, 197, 207, 208, 209
 Newtonian, 15, 44, 61, 68, 161, 163
 Nowak, 204

O

Ohm, 149
 Oliver, 45, 150, 173, 179, 180, 194
 Open University, 52, 111
 Oppenheimer, 184
 Oxford, 7, 8

P

Paris, 7
 Pasteur, 175, 178, 197
 Pavlov, 202
 Pearl Harbor, 98
 Penzias, 141
 Percy, 180
 Persia, 6
 Phelps, 17
 Pioneer 10, 68
 Planck, 97
 Plato, 3, 4, 8, 125, 133, 162
 Platt, 169, 171-174, 176, 177
 Poincaré, 170, 175-177
 Pons, 144, 145
 Pope, 194
 Popper, 13, 143, 150, 156, 157, 188
 Porter, 192
 Press, 15
 Princeton, 126, 127
 Ptolemy, 4
 Pythagoras, 4, 7, 148, 208
 Pytheas of Massilia, 150

R

Ramanujan, 200
 Rapoport, 203

Reinfeld, 111, 117
 Rifkin, 11
 Rilke, 163
 Roentgen, 145, 178
 Roller, 44, 90
 Roosevelt, 19, 184
 Rushton, 202
 Russell, 12, 136
 Rutherford, 16, 194

S

Salerno, 7
 Salk, 158, 198
 San Fernando, 101
 Schwarzschild, 44, 119
 Scripps Institution, 101
 Serapis, 5
 Shah, 61, 106, 168
 Shakespeare, 183
 Simonton, 200
 Sindermann, 169, 201, 205
 Sizi, 44, 90
 Smith, 9, 195
 Smoot, 16
 Snow, 3, 187
 Socrates, 3, 4, 82, 184
 Spain, 6, 8
 Spencer, H., 183, 187
 Spencer, J., 94
 Steinbeck, 171, 182
 Stevens, W., 131
 Stevens, W.K., 70, 186
 Stevenson, 212
 Sufi, 63, 106, 168, 174, 185
 Sun Tzu, 98, 110
 Supernova SN1987A, 101
 Syene, 5
 Syracuse, 61
 Szilard, 184

T

Tantalus, 211
 Teale, 100, 135, 166, 196, 210
 Teeple, 176
 Terkel, 198
 Thierry of Chartres, 7
 Thomas, 136
 Thomson, 150
 Thurstone, 46
 Timpane, 187

Toledo, 8
 Toulmin, 163, 167
 Trobriand, 61-63
 Trotter, 157, 166

U

Unzen Volcano, 198

V

Velikovsky, 188
 Venn, 76, 78, 79, 81, 84
 Vesalius, 10
 Vietnam, 90
 Virgil, 60
 Voltaire, 196
 von Braun, 194
 von Neumann, 155, 196

W

Wallace, 131, 170, 208, 209
 Wallas, 169
 Wason, 71
 Watson, 193
 Watterson, 168, 196, 212
 Weber, 194
 Weisskopf, 61
 Weyl, 43
 Whitman, 195, 213
 Wilford, 68, 106, 137
 Will, 48, 71, 102, 125
 William of Conches, 7
 William of Occam, 72, 149
 Williams, 198
 Wilson, 20, 45, 46, 102, 104, 105, 111, 117, 157, 178
 Wolfe, 171
 Wordsworth, 210
 Wright, 205
 Wyngaarden, 193

Y

Yale, 126
 Yates, 27, 31, 57
 Young, 33, 57

Z

Ziman, 144