

INDEX

- absolutism, 22, 284–90
 active life, *see negotium*
 active science, *see operative science*
 Adam, 181, 220
 Adorno, Theodor, 43
The Advancement of Learning, 7,
 9, 10, 12, 28, 40, 47, 53, 60,
 66, 68, 103, 109, 148, 149, 150,
 173–4, 177, 179, 186, 203,
 204, 208, 211, 212, 224, 225,
 226, 232, 233, 264, 270, 271,
 290, 292, 294, 295, 296, 300,
 301
*An Advertisement Touching the
 Controversies of the Church of
 England*, 4
 Agrippa von Nettesheim, Cornel-
 ius, 31, 33
 Albertus Magnus, 141
 alchemy, 5, 27, 29, 30–1
 Alpetragius, 122, 123
 ancient constitution, 285–90
 Andrewes, Lancelot, 9, 236, 283
 Anglo-Scottish union, 6, 288, 298,
 300, 301, 306
 antiquities, 234, 242
Apophthegms, 1
 Archimedes, 112
 architecture of fortune, 296, 297
 Archytas, 112
 Aristotle, 3, 8, 15, 21, 28, 48–9, 52,
 54, 56, 57, 58, 59, 62, 63, 68, 78,
 79, 81, 84, 92, 94–5, 97, 101,
 104, 112, 129, 134, 141, 151,
 212–21, 225, 240, 243, 249,
 263–4, 265, 296
 Arnaldus de Villanova, 141, 143
 athletic, 61
 Augustine, St., 215
 Avicenna, 141, 142
 Bacon, Ann, 2, 205
 Bacon, Anthony, 2, 3, 6, 13, 205,
 206
 Bacon, Nicholas, 2, 3, 205
 Bacon, Roger, 141, 170n22
 Baldwin, T. W., 205
 Barnham, Alice, 13
 Bergson, Henri, 110, 326
 Berkeley, George, 314
 Bernard, Claude, 326
 Berns, Laurence, 195
 Blay, Michel, 319
 Böhme, Gernot, 328–9
 Botero, Giovanni, 301–4
 Box, Ian, 21
 Boyle, Robert, 86, 106, 116, 165,
 166, 169n19, 175, 316, 317–18,
 319, 320, 332n26
 Brewster, David, 324–5

366 Index

- A Brief Discourse Touching the Happy Union of the Kingdoms of England and Scotland*, 6
- Briggs, John Channing, 19
- Bruno, Giordano, 39
- Caesar, Julius, 30, 206, 211, 266
- Calvin's case, 288
- Cambridge, University of, colleges
 in, 3, 201, 202, 205, 206
- Camden, William, 242
- Campanella, Tommaso, 123
- Cato, 205, 212, 222
- Cecil, Robert, earl of Salisbury, 10, 273, 284
- Cecil, William, Lord Burghley, 2, 5, 6, 147, 205, 207
- celestial motion, 122, 123–5, 131, 134
- Certain Considerations Touching the better Pacification and Edification of the Church of England*, 7
- charity, 19, 21, 153, 182–4, 207, 264–5, 266, 267, 269, 274, 275, 276–7, 278–9, 281 n6
- Charles I, 235, 238, 284
- Charles II, 117, 166, 315
- Charron, Pierre, 214
- China, 192
- Cicero, Marcus Tullius, 14, 112, 203, 204, 205, 206, 207, 211, 222, 224, 228 n18, 239–40, 241, 247, 248, 257, 265, 293
- citizenship, 264, 265–70, 281 n6, 295–300, 305–7
- civic greatness, 7, 22, 269, 276, 281 n9, 300–7
- civil philosophy, *see* political philosophy
- civil science, 292–5
- classification of knowledge, 14, 15–16, 19, 47–70
- Clod, Frederick, 164
- Cogitata et visa*, 8, 9, 35, 41, 148
- Cogitationes de scientia humana*, 8, 9
- Cohen, I. Bernard, 41, 315
- Collingwood, R. G., 244
- Comenius, Jan Amos, 314
- Comte, Auguste, 39
- Condorcet, Antoine-Nicolas de Caritat, marquis de, 320
- Cooke, Anthony, 205
- Copenhaver, Brian, 44
- Copernicanism, 122, 124–5
- Corasius, Johannes, 57
- Cornaro, 141
- Corpuscularianism, 17, 100, 106, 117, 318
- Corpus Iuris Civilis*, 22
- cosmetic, 61
- cosmology, 125–7, 128–31
- Cotes, Roger, 319
- Cowley, Abraham, 175
- Cromwell, Oliver, 166
- Daedalus, 39–40, 328
- D'Alembert, Jean-Baptiste le Rond, 320
- Daniel, 176
- Dean, Leonard, 233
- De dignitate et augmentis scientiarum*, 7, 12–13, 47, 51, 53, 59, 66, 67, 68, 69, 70, 81, 107, 178, 187, 232, 233, 236–7, 240, 244, 252, 261–2, 263, 264, 269, 271, 272, 273, 274, 279, 284, 291, 292, 293, 294, 301, 313, 318
- De fluxu et refluxu maris*, 134, 135
- De interpretatione naturae proemium*, 8, 34

Index

367

- Democritus, 8, 40
 Demosthenes, 14, 206, 207, 211,
 239–40, 298
De principiis atque originibus, 123
De sapientia veterum, 8, 9, 13, 39,
 40, 148, 189, 190, 268, 277, 295,
 328
 Descartes, René, 33, 102, 106, 146,
 164, 312–13, 314, 315, 318,
 320, 326
Descriptio globi intellectualis, 47
 Devereux, Robert, earl of Essex, 4,
 13, 293, 297
De viis mortis, 142
 dialectic, 64, 201–3
 Diderot, Denis, 320, 321
 Digby, Kenelm, 164
 Diomedes, 190
 diurnal motion, 134–6
 divine learning, *see* theology
 Duchesne, Joseph, 128–9, 130
 Dury, John, 164, 165
- Egerton Thomas, Lord Ellesmere,
 288
 Einstein, Albert, 33
 elements, 128–9
 Elizabeth I, 4, 5, 20, 148, 235, 248–
 9, 252, 283, 297
 Ellis, Robert L., 100, 317, 325
 Elyot, Thomas, 229 n24
 Emerton, Norma E., 100
 Emesenus, Nemesius, 51, 231 n52
 Empedocles, 8
 Empiricus, Sextus, 226
Encyclopédie, 70, 320–1
 Epictetus, 265
 Erasmus, Desiderius, 206, 256
Essays, 6, 7, 10, 13, 21, 187, 195,
 261, 262, 266, 267, 269, 272,
 273, 275, 276, 277, 278–9, 294–
 5, 300–1
- Eurydice, 190, 192
 Eve, 220
- Fernel, Jean François, 141, 143
 Ficino, Marsilio, 44, 141
 Fludd, Robert, 50, 169 n14
 forms, 16–17, 56, 59, 84–5, 91, 95,
 97–8, 99–117
 fortune, 21, 232–3, 248–52, 253,
 255–7, 296
 France, 3, 312, 326
 Frankfurt School, 1, 43
 fruitful experience, 63, 89–90
 Funkestein, Amos, 110, 111
 Fussner, F. Smith, 233
- Galen, 51, 231 n52
 Galilei, Galileo, 25, 33, 43, 44, 136,
 164, 326
 Gassendi, Pierre, 106, 117 n5, 313,
 314
 georgics of the mind, 21, 65–6,
 270–5, 282 n10
 Germany, 326
 Gessner, Conrad, 70
 Gilbert, William, 122, 135–6, 326
 Glanvil, Joseph, 166
 Gorhambury, 12
 Gray's Inn, 3, 4, 5, 148, 206
 Gresham College, 173
 Guicciardini, Francesco, 21, 232,
 256–7, 271, 305
- Habermas, Jürgen, 312
 Hacking, Ian, 319
 Hartlib, Samuel, 164, 165, 166, 314
 Harvey, William, 164
 Hattaway, Michael, 44
 Hegel, Georg W. F., 314
 Heidegger, Martin, 43
 Henry VII, 235–6, 238, 252–3, 306
 Henry VIII, 12, 235, 238, 252

368 Index

- Heraclitus, 8
 Hercules, 191, 323
 Hermetic tradition, 27, 29, 30, 31–2, 33
 Herschel, John, 100, 322, 323, 324
 Hesse, Mary, 44
Historia densi et rari, 12
Historia ventorum, 12
Historia naturalis et experimentalis, 12
Historia ventorum, 134
Historia vitae et mortis, 12, 141, 194
 history, 51, 52–3
 and rhetoric, 232, 233, 240–9
 civil, 20–1, 53–4, 232–58, 272, 282 n11, 292
 conjectural proof in, 244–6
 cyclical view of, 40–1
 natural, 9, 11, 17, 18, 24 n13, 39, 53, 58, 59, 76, 82–90, 150, 180, 232, 233, 237, 238–9, 252, 255, 272, 312, 313, 315, 319
 use of, 236–40
The History of the Reign of King Henry VII, 12, 20, 232, 235, 238, 239, 242, 244, 246, 248, 252, 253, 255–6, 283, 295
 Holdsworth, William, 202
 Homer, 26
 Honorius of Autun, 50
 Hooke, Robert, 118 n13, 166, 168, 316, 317, 318, 319
 hope, 41–2
 Horace, 205
 Horkheimer, Max, 43
 Howard, Thomas, earl of Arundel, 13
 Howell, W. S., Jr., 200, 201, 203, 221
 Huarte, Juan, 51–2, 72 n31
 humanism, 3, 28, 50–1, 201, 210, 232, 239, 240, 242, 250, 256, 257, 258, 295
 Hume, David, 314
 humility, 181–2
 Husserl, Edmund, 43
 Huygens, Christiaan, 326
 idols, 9, 19, 63, 79–80, 177–8, 196, 260, 279, 322
 imagination, 15, 20, 51, 52, 54, 62, 214–5, 215–6, 218, 219–20
 induction, 11, 16, 19, 23, 43, 63, 75–8, 81, 84–5, 86–9, 91–8, 178–9, 185, 239, 321, 326
In felicem memoriam Elizabethae, 239
Instauratio magna, 8, 11, 12, 15, 16, 17, 18, 29, 42, 67, 121, 150, 151, 156, 163, 227, 253, 262, 283, 295
 invention, art of, 62–3, 76–7, 209, 226, 322, 325
 Islam, 175
 Isocrates, 212
 James I, 6, 7, 10, 12, 22, 47, 148, 150, 169 n14, 179, 180, 181, 184, 207, 238, 255, 283, 284, 285, 286, 288, 290, 301, 305, 308
 Jardine, Lisa, 200, 201–4, 229 n23, 230 n28
 Jevons, William S., 326
 Jewel, John, 205
 Job, 186
 John of Salisbury, 239
 Jonson, Ben, 20
 Justinian, 22
 Kant, Immanuel, 330
 Kelley, Donald, 243
 Kepler, Johannes, 53, 59, 72 n38
 Kilwardby, Robert, 49–50
 Knights, L. C., 44

Index

369

- Kristeller, Paul Oskar, 233
 Kuhn, Thomas S., 314, 317
 Kusakawa, Sachiko, 15–16
- Lakatos, Imre, 43
 Larsen, Robert E., 44
 Lasalle, Antoine, 321
 law reform, 4, 7, 13, 22–3, 66–7
 Leibniz, Gottfried Wilhelm, 318, 326
 Lenoble, Robert, 112
 Liebig, Justus von, 23, 326
 life, prolongation of, 138–9, 141–3, 194, 328–9
 Lipsius, Justus, 296, 301–4, 305, 310–31
 Livy, Titus, 271
 Locke, John, 106, 108, 314
 London, 2, 164, 165, 173
 Lucretius, 42, 104
 Luther, Martin, 43
- Machiavelli, Niccolò, 42, 233, 234, 237, 250–1, 256, 267, 294, 296, 301–4
 MacLaurin, Colin, 319
 magic, 27, 30–1, 59
 maker's knowledge tradition, 38, 57, 110–13
 Malebranche, Nicolas de, 313, 314
 Malherbe, Michel, 16
 Mandelbaum, Maurice, 108
 Manners, Roger, earl of Rutland, 174, 293–4
 Marcuse, Herbert, 43
 Marius, Caius, 250
 Marshall, William, 70
 Martin, Julian, 229–231
 Marwil, Jonathan, 44
 mathematics, 59–60, 124–5, 332–231
- matter, theory of, 122, 125–7, 136–41
 Matthew, Toby, 13, 151
Maxims of the Law, 4, 22
 mechanic, 59
 mechanical arts, 5, 37–8, 39, 146, 149
 medicine, 61, 270–1
Meditationes sacrae, 6, 183
 Melancthon, Philip, 58, 205–6, 208–9, 216
 memorials, 234
 memory, 15, 51, 52, 62, 63, 64, 214–5
 Menelaus, 185
 Mersenne, Marin, 25, 117–18, 313, 314, 315
 metaphysics, 56, 57–8, 63
 Mill, John Stuart, 100, 322, 323, 324, 333–34
 Milton, John, 164
 Momigliano, Arnaldo, 242
 Mondolfo, Rodolfo, 38
 moral goodness, 263–70
 moral philosophy, 21, 65, 215, 260–81
 and logic, 263
 and medicine, 270–1
 moral reform, 270–5
 More, Thomas, 193, 241
 Morgan Augustus de, 326
 Moses, 175, 188
 music, 60
- Napier, John, 59
 nature
 and art, 97–8, 112–16
 laws of, 16, 82–3, 100, 107, 118–12
negotium, preferred to *otium*, 21, 45, 182–3, 210–11, 264–70, 275–6, 278, 295, 297–9

370 Index

- Netherlands, 300
New Atlantis, 13, 18, 21, 34, 147,
 152–64, 165, 166, 192–4, 269,
 276, 277, 278–9, 291, 312, 315,
 328
 Newton, Isaac, 39, 44, 171 n44, 316,
 319, 320, 324–5, 326
 Nicholas of Cusa, 113
 Nifo, Agostino, 101
Novum organum, 9, 11, 12, 16, 19,
 28, 30, 35–6, 40, 41, 42, 67, 75,
 76, 77, 78, 87, 105, 107, 108,
 109, 114, 152, 161, 167, 176,
 177, 179, 182, 183, 184, 189,
 227, 261, 272, 277, 279, 280,
 292, 311, 312, 313, 316, 318,
 319, 320, 322, 323–4, 327, 328
- Ochino, Bernardino, 205
 Ockham, William of, 101
 Oedipus, 190
 Oldenburg, Henry, 166, 167, 316
 operative science, 5–6, 9, 11, 14–
 15, 16, 17, 18, 21, 23, 27, 29–
 30, 34, 56–7, 59, 68, 77, 81–2,
 97–8, 101, 104–10, 275–6, 316,
 320–1, 327–30
 Oresme, Nicholas, 101
 Orpheus, 190, 191–2, 193, 212, 268,
 269
otium, *see negotium*
 Ovid, 205, 220
 Oxford, University of, colleges in,
 166, 205
- Palissy, Bernard, 3
 Pan, 189
 Paracelsus, Theophrastus, 17, 33,
 122, 128, 129, 141
*Parasceve ad historiam naturalem
 et experimentalem*, 67, 149, 150,
 156, 160, 223–4, 246, 292, 318
- Paris, 2, 3, 33
*Partis instaurationis secundae de-
 lineatio et argumentum*, 8, 9, 35
 Pascal, Blaise, 319, 332 n26
 Patrizi, Francesco, 122
 Paul, St., 181
 Paulet, Amyas, 3
 Peacham, Henry, 204
 Pemberton, Henry, 319
 Pentheus, 190
 Pereira, Benito, 55–6
 Pérez-Ramos, Antonio, 16–17, 23,
 38
 Peter of Spain, 209
 Petrarch, 215, 236, 250
 Petty, William, 164, 166, 314
philanthropia, *see* charity
philosophia prima, 15, 54–6, 63,
 175, 196
 physic, 57–8
 Piccolomini, Leonico, 59
 Plato, 8, 92, 172, 206, 211, 217, 218,
 224, 296, 303, 328
 Pliny, the Elder, 13
 Pliny, the Younger, 14
 Plutarch, 224
 poetry, 51, 52, 54
 political philosophy, 22, 66–7, 263–
 4, 283–308
 Polybius, 233
 Pomponazzi, Piero, 55
 Popper, Karl, 30, 44–5
 Posidonius, 112
 Possevino, Antonio, 66
 Prometheus, 177, 190–1
 Proteus, 185
 psychology, 20, 210, 213–22
 Ptolemy, 123
 Puttenham, George, 204–5
 Pyrrho, 265
- Quintilian, 204, 205, 212, 217

Index

371

- Raleigh, Walter, 305
 Ramus, Petrus, 3, 64, 78, 113
 rational soul, 51–2
 Rawley, William, 3, 11, 163, 223
 reason, 15, 20, 51, 214–5, 219–22
 reason of state, 297, 302–3
Redargutio philosophiarum, 8, 30, 33, 40, 148
 Rees, Graham, 17–18, 59, 60, 118 n10
 Reid, Thomas, 319
 republicanism, 22, 299–300
 rhetoric, 19–20, 64–5, 72 n40, 200–27
 and citizenship, 298
 and ethics, 216–18, 220–1
 and induction, 239
 and logic, 208–10
 and psychology, 214–16, 218–22
 uses of, 210–13, 216–18
 see also, history, science
 Rossi, Paolo, 14–15, 63, 72 n37, 327
 Rousseau, Jean-Jacques, 320
 Royal Society, 23, 75, 99, 166, 167, 171 n44, 173, 174, 188, 315, 316, 320
 Salomon's House, 154–5, 156–7, 158–63, 166, 276
 Sallust, 206, 250
 Sargent, Rose-Mary, 18–9
 Savile, Henry, 209
 scholasticism, 5, 23, 27–9, 101–2, 164, 172, 239, 313
 science
 and civic greatness, 276–8
 and government, 290–2
 and moral philosophy, 279–80, 312
 and power, 5–6, 37, 183
 and religion, 19, 131–4, 172–97
 and restoration of Paradise, 176–7
 and rhetoric, 222–7
 cooperation in, 6, 8–9, 14, 18–19, 32, 33–4, 146–68, 327–8
 growth of, 37–43
 method of, 5, 8, 9, 11, 16, 23, 62–3, 75–98, 312–14, 315–20, 321–7
 modern image of, 14, 23, 25–7, 32–3, 38, 80–1, 315–16, 327–30
 secrecy in, 19, 149–50, 183–5, 185–7
 Scotland, 288
 see also Anglo-Scottish union
 Seneca, 14, 224
 Simnell, Lambert, 244, 246, 253
 Simon, Richard, 244, 245
 skepticism, 16, 21, 80, 241–2, 297, 313
 Slaughter, Mary, 44
 Socinius, Faustus, 56
 Socrates, 34, 225
 Solomon, 150, 176, 179, 180, 181, 185, 186
 Solon, 323
 Spain, 4, 284, 303
 speculative philosophy, 17–18, 121–43
 Spedding, James, 207
 Spencer, Herbert, 39
 Sphinx, 185, 190
 spirits, 137–41, 194–5
 Sprat, Thomas, 99, 167, 173, 174, 187, 188, 315, 316–17, 318, 319
 stoicism, 56, 265
 Suárez, Francisco, 285
 Suetonius, 248
 Sulla, Lucius Cornelius, 250
 Sutcliffe, Matthew, 302
 Switzerland, 300
 syllogism, 11, 16, 78, 79, 81
Sylva Sylvarum, 13, 105, 167, 195

372 Index

- Tacitus, Cornelius, 233, 248, 271, 295, 296
 Telesio, Bernardino, 34, 122, 123, 141, 142
Temporis partus masculus, 8, 37, 148
Thema coeli, 133, 135
 theology, 32, 52, 54, 55–6, 67–8, 71 n26, 131–4, 173–4, 188–9
 Tinkler, John F., 20–1
 Toulmin, Stephen, 326
Translation of Certain Psalms, 13
 Trebonianus, 22
 Trevor-Roper, Hugh, 315
 Turgot, Anne Robert Jacques, baron de l’Aulne, 39
 Ulysses, 191, 268–9
 Urbach, Peter, 30, 44–5
 utilitarianism, 15, 35–7, 43
Valerius Terminus of the Interpretation of Nature, 8, 9, 92, 100, 115, 203
 Valla, Lorenzo, 243
 Vegetius, 306
 Venus, 190
 Vergil, Polydor, 53
 Verulam, 14
 Vickers, Brian, 20, 44, 45, 318
 Vico, Giambattista, 111
 Villiers, George, duke of Buckingham, 12, 13, 284, 285, 297
 Virgil, 205
 virtue, 21, 232–3, 250–4, 256–7
vita activa, *see negotium*
 Vives, Juan Luis, 50–1, 65–6, 229 n27
 Voltaire, François Marie Arouet de, 320
 Walker, Daniel P., 195
 Wallace, Karl R., 200–1
 Wallis, John, 165, 175
 Walsall, John, 2, 205
 Ward, Seth, 332
 Weber, Max, 330
 Webster, John, 314
 Whewell, William, 1, 100, 101, 115, 322, 323, 324
 Whitgift, John, 3, 206
 Whitney, Charles, 44, 261
 Wilkins, John, 166, 314
 Wilson, Thomas, 202, 212, 217
 Wright, Aldis, 204
 Xenophon, 206, 224
 Yates, Frances, 30