

# Index

Page numbers in *italic* denote figures. Page numbers in **bold** denote tables.

- academies of science 146  
Agassiz, Louis (1807–1873) 216–217  
Aikin, Arthur (1773–1854) 71, 81, 94, 96–97, 96  
    *A Manual of Mineralogy* (1814) 35, 97  
    *Geological Inquiries* 9, 97  
Allen, William (1770–1843) 7, 55, 132  
    Quakerism 129, 130, 131–133  
Alum Bay cliffs 310, 312, 421–424, 425, 426, 427  
amateurs 146, 147  
American Mineralogical Society 214  
Animal Chemistry Society 69, 78, 79  
Anning, Mary (1799–1847) 376  
Ansted, David Thomas (1814–1880) 233  
antiquarianism 299–314  
antiquities, Isle of Wight 309, 311–314  
*Archaeologia* 301  
archaeology, Isle of Wight 300–313  
Arduino, Giovanni (1714–1795) 165, 184,  
    **185**, 188, **189**  
Arrowsmith, Aaron (1750–1823), cartography  
    261–263, 289–290, 293  
Askesian Society 7, **69**, 96, 131, 132, 135–140, 244  
    founder members **138–139**  
    *see also* British Mineralogical Society  
Australia, members of Geological Society 341–356,  
    **357–365**  
  
Babington, Dr William (1756–1833) 7, 57, 78, 79,  
    80, 83–85, 85, 101  
    *A Systematic Arrangement of Minerals*  
        (1795) 70–71  
    medical career 51–58, 132  
    Medical and Chirurgical Society 68  
Baer, Karl Ernst von (1792–1876) 208  
Banks, Sir Joseph (1743–1820) 79, 79, 95, 100  
    in Australasia 341–342  
    resignation from Geological Society 80, 321, 342  
basalt, work of Greenough 120–121  
Bateman, Thomas (1778–1821) 61, 62  
Bedford, Robert (1874–1951), Australia 351  
Bennet, Henry Grey (1777–1836) 227  
Berg Collegium 206  
*Bibliothèque Britannique* 150  
Bicheno, James (1785–1851), Australia 342  
biostratigraphy 125, 174  
Blumenbach, Johann Friedrich (1752–1840) 116,  
    147, 166–167  
Board of Ordnance 235  
    work of MacCulloch 228, 257, 260  
books, scientific 150–151  
Boué, Aimé (1794–1881), geological map  
    of Scotland 263  
Bournon, Jacques-Louis, Comte de (1751–1825)  
    105–112, 140  
    French Revolution 105–106  
    French royal mineral collection 108, 111  
    Geological Society publications 110–111  
    mineral collection 69–70, 71–72, 108–109, 155  
    Napoleonic Wars 221–222  
    as refugee 70, 105–106, 145, 155  
    *Traité complet* (1808) 7, 109, 137, 150, 155,  
        457–464  
Bright, Richard (1789–1858) 58, 61, 62, 87  
British Association for the Advancement of Science 42  
    Geological Society Bicentenary Conference 414  
British Mineralogical Society 7, **69**, 96, 133, 136–137,  
    243–246  
    founder members 244–245  
British Museum 146  
Brocchi, Giambattista (1772–1826) **185**, 193  
    *Conchiologia Fossile Subapennina* (1814) 179, **191**,  
        192–197  
Brongniart, Alexandre (1770–1847), work on Paris  
    Basin 146, 156, 157, 158, 160–161,  
        424–425, 435–437  
Buch, Leopold von (1774–1853) 170, 171, 174  
    first 'Foreign Member' 147  
Buckland, William (1784–1856) 12, 35, 320  
    *Geology and Mineralogy* (1836) 339  
    popularization of geology 337  
    *Reliquae Diluvianae* (1823) 101  
    Royal Charter application 319–321, 322–325  
    tribute to Smith 42–43  
Buddicom, Robert Arthur *see* Bedford, Robert  
Burlington House 325–326, 409  
    geological maps 4–5, 413  
    reception desk 413  
Bute, John Stuart, third Earl of (1713–1792), mineral  
    collection 70–71  
  
Calvert, John (1825–1897), refused membership  
    352–353  
Carey, John, cartography 262–263  
Cavendish, Henry (1731–1810), density  
    experiment 282  
Chandler, Marjorie E. J. **380**, **381**, 400  
Channel Islands, work of MacCulloch 265, 266–269  
chemistry, nineteenth century 93–96  
City Philosophical Society 96  
Clarke, Reverend William Branwhite (1798–1878),  
    Australia 342, 343, 343, 350  
Colby, Thomas Frederick (1784–1852) 259  
    military career 231  
    Ordnance Survey 259  
    support for MacCulloch 261  
    Trigonometrical Survey 257, 259  
Commission of Sciences and Arts ('savants'),  
    Napoleonic Wars 220, 222  
Conybeare, John Josiah (1779–1824), *Curvature*  
    *in Killas* (1813) 20  
Conybeare, William (1787–1857) 10–11,  
    19, 23, 34  
    feud with Greenough 3, 36  
Cordier, Louis (1777–1861) 220  
Crichton, Alexander (1763–1856) 72  
Crosfield, Margaret Chorley (1859–1952) 384,  
    386, 387, 398  
*Cupressinoxylon*, work of MacCulloch 274, 275

- Cuvier, Georges, Baron (1769–1832) 77, 151  
 work on Paris Basin 146, 156, 157, 158, 160–161, 174, 425, 435–437
- David, T. W. Edgeworth (1858–1934) 352, 354–356, 354
- Davy, Sir Humphry (1778–1829) 74, 75–76, 77, 94–95, 99–102, 99  
 Copley Medal 95, 100  
 cured by Franck 77, 101  
*Elements of Argicultural Chemistry* (1813) 334, 336  
 popular lectures 334  
 resignation from Geological Society 80, 101, 321, 324  
 Royal Society 100–101
- De la Beche, Henry Thomas (1796–1855)  
 Geological Society Coat of Arms 328–329  
 military career 229–230
- Deluge, work of Greenough 118–120  
 dispensaries 61–62  
 dissenters 96, 97, 129–142  
 British Mineralogical Society 246
- Dolomieu, Déodat de (1750–1801) 220
- Donald, Mary Jane (1856–1935) 373, 376, 390–392
- Dorpat (Tartu) University 208
- Earth history 167–168
- East India Company *see* Honourable East India Company
- Ecole des Mines, Paris 160
- Edwards, Wynne *see* Reid, Eleanor Mary
- Elles, Gertrude Lilian (1872–1960) 386–388
- Englefield, Sir Henry (1752–1822) 299–316, 301, 417  
*Description of the Isle of Wight* (1816) 300, 304, 305, 306, 307, 308, 309, 310  
*Vases from the Collection...* (1820) 301, 302
- Europe, Academies of Science 146
- Farey, John (1766–1826) 13, 22  
 feud with Geological Society 27–34  
 geological sections 17, 18, 19  
*Memorandums at Hunstanton Cliff* 15–16  
 relations with Greenough 29
- Ferguson, Robert (1767–1840), mineral collection 70, 140
- Fingal's Cave, Staffa, work of MacCulloch 271
- fire, role in geological processes 167
- Fitton, William Henry (1780–1861) 12, 14  
 admiration for Smith 7, 30–31, 39–41  
 proposes Smith as Honorary Member 36–37  
 relations with Greenough 3, 35–36  
 scientific isolation 8
- floez 124, 165, 169
- Fortey, Richard FRS, bicentenary celebrations 409, 412, 413, 414, 444–445, 445
- fossils  
 biostratigraphy 174  
 work of Greenough 125–126  
 work of MacCulloch 273–274, 275  
 work of Parkinson 83, 84  
 work of Smith 19, 22–23  
*see also* palaeontology
- France  
 geohistory, early nineteenth century 155–161
- Napoleonic Wars 145, 199, 219–237  
 natural historians (1300–1800) 183  
 Revolution  
 effect on de Bournon 105–106  
 effect on Italian geoscience 182, 184  
 effect on scientific institutions 145, 156, 159–160  
 wars 219, 220
- Franck, James (1768–1843) 51, 87  
 medical career 58–60, 77  
 Medical and Chirurgical Society 68  
 Napoleonic Wars 58–60, 222–224
- Franklin, Sir John (1786–1847), Australia 343–344, 345
- Free Economic Society 209
- Freemasons' Tavern 110, 411, 412, 439, 442  
 inaugural dinner (1807) 74, 439
- Freiberg Mining Academy 168–171, 172–173, 221
- Füchsel, Georg Christian (1722–1773) 165–166
- Geikie, Sir Archibald (1835–1924) 180, 181  
 criticism of MacCulloch 274  
 geognosy 12, 169, 175, 181–182  
*Geological Inquiries* 9, 15, 76, 111, 123, 148, 247, 332, 449–456  
 geological societies, national 184  
 Geological Society  
 Bedford Street 268, 326  
 bicentenary celebrations 409–415  
 Anniversary Dinner 411, 414–415  
*Dine with the Founding Fathers* 411, 412, 442–447  
 legacy projects 411  
*Local Heroes* initiative 412–413  
*Walk with the Founding Fathers* 417–438  
 Bicentenary Conference 413–414  
 Burlington House 325–326, 409  
 maps 4–5, 413  
 reception desk 413  
 centenary celebrations  
 Antipodes 352  
 women 381, 382, 383  
 Coat of Arms 328–330  
 committees 9–10, 76–77, 248  
 Councillors, military affiliation 231–233  
 data and empiricism 10–14  
 early days 9  
 Executives, military affiliation 233–235  
 founding 7–8, 73–88, 115  
 Garden Court, Temple 79, 80  
 History of Geology Group  
*Dine with the Founding Fathers* 442–447  
*Walk with the Founding Fathers* 417–438  
 Holborn Row 80–81  
 John MacCulloch 265, 268–269, 273  
 Lyell Collection 411–412  
 map-making 14–21  
 membership 9  
 Antipodes 342–356, 357–365, 366–367  
 distribution 249–251  
 Foreign Members 147–148, 198, 221  
 founder members 50, 324–325  
 chemists 96–102  
 medical men 51–88  
 military affiliation 221–226  
 Quakers 129–144

- Honorary Members 9, 148, 325  
 Ordinary Members 9, 325  
 refused, Antipodes 352–354  
 women 373–403  
     Fellows 374, 381, 383–403, **385**  
 museum 123–124  
 Oath of Obligation 110  
 popularization (1807–1837) 331–339  
 practical applications of geology 246–248, 251–252  
 Presidents, military affiliation 226–231  
 publishing 8, 23, 411–412  
 Quakers 141  
 relationship with Royal Society 78–80,  
     100–101, 110, 321  
 Royal Charter (1824–1828) 319–330, 324  
     threat from Royal Society 321  
 Somerset House 325–327  
 territorial politics 35–37  
 Thomas Webster 302–303, 315–316  
*Transactions* 8, 19, 78, 81, 85, 111, 149  
     palaeontology 337, 338  
     practical geology and mineralogy 248–249  
     Webster on the Isle of Wight 299, 303  
     work of MacCulloch 257, 265, 266–267  
     *Young Hopeful* 81, 85  
     William Smith 1–44  
 Geological Survey of Great Britain 42  
 Geologists' Association 42  
     women 374, 387, 389–390, 402  
 geology  
     practical applications 243–252  
     use of term 9, 151–152, 181  
 Geophilists 109  
 Germany  
     geological maps 167  
     geology, early nineteenth century 163–175  
     geology as science 168–171  
         consolidation as natural science 171, 174–175  
     natural historians (1200–1800) **183**  
 Glen Roy, work of MacCulloch 268, 270  
 Goodyear, Edith (1879–1959) 401  
 Gordon, Maria Ogilvie (1864–1939) 376, 388–389  
 Graham, Maria (1785–1842) 376  
 granite, work of Greenough 121–122  
 Great Britain  
     lack of state support for science 146  
     natural historians (1500–1800) **183**  
 Greenough, George Bellas (1778–1855) 3, 14,  
     115–126, *116*  
     basalt and granite 120–122  
     conflict with William Smith 30–33, 125–126  
     *Critical Examination* (1819) 36, 37, 117–120,  
         124–126  
     feud with Conybeare 3, 36  
     fossils and stratigraphy 124–126  
     Geological Deluge 118–120  
     *Geological Inquiries* 9  
     geological map (1819) 4–5, 14–21, 26–27, 28,  
         32–34, 43, 413  
     Geological Society founding 7, 73  
     Geological Society museum 123–124  
     Light Horse Volunteers 116, 224–225  
     relations with Farey 29  
     'Theory' 117–122  
 Greville, Sir Charles Francis (1749–1809) 76–77, 79–80  
     mineral collection 70, 106, 140  
 Grey, Sir George (1812–1898), Australia 347  
 Gruner, Johann Samuel (1766–1824), military  
     geology 221  
 Guy's Hospital 11, *51*, 52, 53, 54–58, 62, 96  
     Physical Society 69, **69**  
 Haast, Sir Julius von (1822–1887), New Zealand 349  
 Hargraves, Edward Hammond (1816–1891),  
     Australian gold 346  
 Headon Hill, Isle of Wight 424, 425, 426, 427  
 Hector, Sir James (1834–1907), Geological Survey of  
     New Zealand 350  
 Heslop, Mary Kingdon (1885–1955) 399  
 Highland and Agricultural Society of Scotland 261  
 Hoff, Karl Ernst Adolf von (1771–1837) 174  
 Honourable East India Company military college 228,  
     233, 236  
     John MacCulloch 255, 276  
 Horner, Leonard (1785–1864) 8, 62, 63, 81  
     support for women members 373  
 Howitt, Alfred William (1830–1908), Australian  
     metamorphism 349  
 Humboldt, Alexander von (1769–1859) 171  
 Hume, Sir Abraham (1749–1838), diamond and  
     mineral collection 70, 106, 140  
 Hunstanton cliffs 15–16, *16*  
 Hutton, Captain Frederick Wollaston (1836–1905),  
     New Zealand 349  
 Hutton, Charles (1737–1823)  
     calculation of Earth's density 282, 284, 285, 286,  
         **287**, 288  
     relations with Playfair and MacCulloch 293–294  
 Hutton, James, Vulcanism 169  
 Institut de France 146  
 Isle of Wight  
     Thomas Webster and Sir Henry Englefield 299–316  
     *Walk with the Founding Fathers* 2007 417–438  
 Istituto delle Scienze di Bologna 184, 198  
 Italy, geology  
     early nineteenth century 179–200  
     geoscientists **185–188**  
     publications 188, **189–191**, 192  
     natural historians (1200–1800) **183**  
 Jack, Robert Logan (1845–1921), Australia 350  
 Jameson, Robert (1774–1854)  
     *A System of Mineralogy* 13  
     relationship with MacCulloch 260–261  
 Johnston, Mary Sophia (1875–1955) 389–390  
 Jones, Thomas Rupert (1819–1911) 234–235  
*Journal de Physique* 150  
*Journal des Mines* 111, 150  
*Journal of Natural Philosophy, Chemistry  
 and the Arts* 245  
 Jukes, Joseph Beete (1811–1869), geological  
     map of Australia 346  
 Justi, Johann Heinrich von (1720–71) 166  
 Kidd, John (1775–1851) 11–12, 147  
     *Geological Essay* (1815) 35  
 King, Philip Parker (1791–1856) 342, 345, 346

- Kirwan, Richard (1733–1812) 71  
 Knight, Richard (1768–1844) 94, 97–98, 97  
 Kupffer, Adolf Theodor (1799–1865) 204
- Laird, James (1779–1841) 51, 73, 81, 85–86  
 medical career 60–62  
 Medical and Chirurgical Society 68
- Lamarck, Jean-Baptiste (1744–1829) 156, 160, 161  
 Lavoisier, Antoine (1743–1894) 57, 69, 93  
 Lehmann, Johann Gottlob (1719–1767) 41, 165  
 Lepekhin, Ivan Ivanovich (1740–1802) **204**, 205  
 Linnean Society, as model for Geological Society 149  
 l'Institut National des Sciences et des Arts 159  
 literary and philosophical societies  
 Newcastle 245  
 Smith lectures 37–38  
*see also* philosophical societies
- local history 300–301, 303  
 London Corresponding Society 65–66  
 London Hospital 64, 64  
 London Institution 96, 98  
 Longstaff, Jane *see* Donald, Mary Jane  
 Lonsdale, William (1794–1871), military career 233  
 Lowe, Irene Helen (b.1890) 401  
 Lyell, Charles (1797–1875)  
 influence of Brocchi 179–180, 195–197  
 popularization of geology 337–338  
*Principles of Geology* (1830–1833) 338  
 Lyell Collection 411–412  
 Lyell Fund **381**  
 Catherine Raisin (1893) 376, 398  
 Gertrude Elles (1900) 386, 387–388  
 Walter Howchin (1914) 355
- Lyell Medal **381**  
 Eleanor Reid (1936) 400  
 Helen Muir–Wood (1958) **381**  
 Maria Ogilvie Gordon (1932) 389  
 Sir James Hector (1876) 350
- MacCulloch, John (1773–1835) 255–277, 256, 260  
*A Description of the Western Isles of Scotland* (1819)  
 257, 261, 262, 271, 272, 275, 276  
 Channel Islands 265, 266–269  
*Coal strata near Sandfoot* (1809) 21  
*Geological Classification of Rocks* 335, 337  
 geological map of Scotland (1836) 4, 257–264,  
 258, 288–291, 293, 413  
 geological Society 265, 268–269, 273  
 Glen Roy 268, 270  
*Highlands and Islands of Scotland* (1824) 269,  
 271–272  
 ill-health 260, 261, 264–265  
 marriage and death 276  
 military career 227–229  
 palaeontology 273–274, 275  
 plumbline experiment 288–291, 293, 295  
 relations with Charles Hutton and Playfair 294  
 relationship with Jameson 260–261  
 Stirling Castle rock, watercolour (1812) 20  
*System of Geology* 269  
 criticism 274, 276
- Mackay, Alexander (1841–1917), Australia 350  
 Maclaren, James Malcolm (1873–1935), New Zealand  
 351–352
- Maclure, William (1763–1840) 215–216  
 MacPhee, Margaret Flowerdew (1886–1931) 399  
 MacRobert, Lady Rachel *see* Workman, Rachel malaria,  
 John MacCulloch 260, 264–265
- Manning, Professor Aubrey, bicentenary  
 celebrations 410
- Mantell, Gideon (1790–1852) 83, 337, 338, 348–349  
 Mantell, Walter (1820–1895), New Zealand 348–349  
 Marcet, Alexander (1770–1822) 61, 62, 67, 80,  
 81, 82, 132
- Marshall, Patrick (1869–1950), New Zealand 351
- Maskelyne, Nevil (1732–1811), Schiehallion density  
 experiment 280–282, 293–294
- Mawson, Sir Douglas (1882–1958) 355  
 Medical and Chirurgical Society 67–69, **69**, 80–81  
 Medical Society of London 67, **69**  
 medicine  
 eighteenth century 49, 51–57, 61–62, 64–65  
 Napoleonic Wars 58–60
- Michell, John (1724–1793) 40
- military geology  
 Napoleonic Wars 220–221, 228  
 Geological Society members 219–237  
 World War I 355
- Military Mining School, St Petersburg **173**, 207
- mineralogy  
 Askesian and Mineralogical Societies 135–141  
 early collectors 69–73, 140  
 practical applications 243–252  
 use of term 9, 151–152  
 work of de Bournon 105–112
- mining  
 nomenclature 247–248  
 practical geology and mineralogy 243–252  
 Mining Department, Russia 206–207  
 mining schools 146–147, **172–173**  
*see also* Freiberg Mining Academy; Military  
 Mining School, St Petersburg
- Mitchell, Sir Thomas (1792–1855), Australia 343,  
 344, 344, 346–347
- Moscow Society of Naturalists 209  
 Moscow University 207–208  
 mountains, structure 167
- Mudge, Colonel William (1762–1821), Board of  
 Ordnance 257, 259
- Muir–Wood, Helen Marguerite (1896–1968) **381**, 401
- Murchison Fund **381**  
 Eleanor Reid (1919) 400  
 Ethel Skeat (1908) 397  
 Ethel Wood (1920) 401  
 Jane Donald (1898) 390–391  
 Ralph Tate (1874) 348, 350
- Murchison Medal **381**  
 Alfred Selwyn (1876) 348, 350  
 Ethel Wood (1920) 400–401  
 Frederick M'Coy (1879) 350  
 Gertrude Elles (1919) 388  
 W. B. Clark (1877) 350
- Murchison, Roderick Impey (1792–1871)  
 criticism of MacCulloch 261, 264, 274, 276  
 military career 229
- Muséum National d'Histoire Naturelle, Paris 146, 160  
 museums 146
- Mushet, David (1772–1847) 244, 245

- Napoleonic Wars 219–237  
 effect on scientific activities 37, 145, 199  
 Geological Society members 219–237  
 medicine 58–60  
 military geology 220–221
- Necker de Saussure, Louis-Albert (1786–1861),  
 geological map of Scotland 263, 288
- Needles, Isle of Wight 312, 422–423
- Neptunism 12, 76, 117–118, 120–121, 124, 175  
 work of Werner 169–170
- New Connaught Rooms 411, 412, 442, 444, 447
- New Edinburgh Philosophical Journal* 261
- New Zealand, members of Geological Society  
 341–356, **366–367**
- Nicholson, Sir Charles (1808–1903), Australia  
 344–345, 347
- Nicholson's Journal* 245
- Ogilvie, Maria *see* Gordon, Maria Ogilvie
- Ordnance Survey 230, 231, 235, 262  
*see also* Board of Ordnance
- oryctognosy 169, 181
- Owen, David Dale (1807–1860) 216
- pacifism, Quakers 130
- Palaeontological Society 384, 400
- palaeontology  
 Isle of Wight 424, 427, 434  
 Paris Basin 435  
 popularization 337, 338  
 Russia 208  
 women Fellows 386–388, 390–392, 396, 399, 400  
 work of Brocchi 179  
 work of MacCulloch 273–274, 275  
 work of Parkinson 83, 84  
*see also* fossils
- Pallas, Peter Simon (1741–1811) 167, **204**, 205
- Pander, Christian Heinrich (1794–1865) 208
- Paris Basin, geology 146, 156, 157, 158, 159,  
 160–161, 174, 424–425, 435–437
- Paris School of Mines 221
- Parkinson, James (1755–1824) 23, 49, 51, 62,  
 77–78, 82–83  
 medical career 64–65, 82  
 medical and Chirurgical Society 68  
*Organic Remains* (1811) 67, 76, 77–78, 83,  
 84, 334–335  
 publications 66–67, 83  
 radical politics 65–66, 82
- Pepys, William Hasledine (1775–1856) 94, 98–99, 98  
 British Mineralogical Society 244, 245
- periodicals 149–150
- petrifaction, work of Werner 169
- Phillips, John (1800–1874)  
 British Association for the Advancement  
 of Science 42  
 lectures with Smith 37–38
- Phillips, Richard (1778–1851) 7, 134–135, 136  
 Royal Military College, Sandhurst 226
- Phillips, William (1773–1828) 7, 133–134, 133, 141  
 mineral collection 134, 135  
*Outlines of the Geology of England  
 and Wales* (1822) 23, 25, 25, 26, 134
- Quakerism 130, 134
- Philosophical Magazine* 41, 150, 245, 249  
 philosophical societies 42  
*see also* literary and philosophical societies
- picturesque, Isle of Wight 303–308, 309,  
 311–313
- Playfair, John (1748–1819) 62, 280  
*Illustrations of the Huttonian Theory of the Earth*  
 (1802) 279  
 Schiehallion experiment 258–259, 282–296
- Plutonism 12, 76, 118, 120–122
- Poiret, Paul-Louis (1755–1834), work on  
 Paris Basin 159
- Portlock, Joseph Ellison, military career 230–231
- Priestley, Joseph (1733–1804) 93
- Pringle, John William (c. 1791–1861), military  
 career 231, 233
- publishing 150–151
- Quakers 129–142  
 anti-slavery campaign 129  
 British Mineralogical Society 246  
 pacifism 130  
 philanthropy 130  
 and science 130–131
- radicalism 65–66, 67
- Rag Formation of Oxford 10–11, 22
- Raisin, Catherine Alice (1855–1945) 373, 376, 393,  
 398–399
- Ranzani, Reverendo Camillo **187**, 188
- Raspe, Rudolf Erich (1736–1794) 166
- Raumer, Karl Georg von (1783–1865), military  
 geology 221
- Reid, Eleanor Mary (1860–1953) 400
- Roget, Peter Mark (1779–1869) 78, 82
- Romanes, Margaret *see* MacPhee, Margaret Flowerdew
- Royal Geological Society of Cornwall 41
- Royal Institution 75, 76, 77, 95, 302
- Royal Military Academy, Woolwich 235, 236
- Royal Military College, Sandhurst 226,  
 234–236, 236
- Royal Society 67, 69, **69**, 78–80, 95, 100  
 Copley Medal 95, 100, 101  
 Humphry Davy 100–101  
*Philosophical Transactions* 100, 149, 150  
 relationship with Geological Society 78–80,  
 100–101, 110, 321  
 Sir Joseph Banks 79, 100  
 women 374
- Rozière, François-Michel de (1775–1842) 220
- Russia  
 exploration 205, 206  
 geological education 207–209  
 Mining Department 206–207  
 St Petersburg Academy of Sciences 203–206, 204  
 scientific institutions 203–210  
 scientific societies 209–210
- St Adhelm's Chapel, Isle of Wight 304–305,  
 309, 313
- St Aubyn, Sir John (1758–1839), mineral  
 collection 70–72, 106, 107, 140
- St Catherine's Hill, Isle of Wight 311, 314, 419,  
 421, 426

- St Petersburg Academy of Sciences 203–206, 204  
 expeditions 205  
 publications 205–206
- St Petersburg Institute of the Corps of Transport Engineers 209
- St Petersburg Mineralogical Society 210
- St Petersburg University 209
- St Thomas's Hospital 52–53
- Saunders, William (1743–1817) 52, 52, 53–54, 57, 58  
 Medical and Chirurgical Society 68
- Saussure, Horace-Bénédict de (1740–1790),  
 'Agenda' 148, 151
- 'savants'  
 European 146, 148–149, 151, 179  
 Napoleonic Wars 220, 222
- Saxony, mapping 170
- Schiehallion experiment 289, 290, 291, 292  
 modern view 293  
 work of MacCulloch 288–293  
 work of Maskelyne 280–282, 281  
 work of Playfair 258–259, 282–296
- Schlothem, Ernst Friedrich (1764–1832) 174
- School of Military Engineering 236
- scientific debate 149
- scientific societies 149  
 Russia 209–210
- Scott, Thomas Hobbs (1783–1860), Australia 342–343
- 'secondary' rocks 431, 432, 433
- Sedgwick, Adam (1785–1873), address on  
 William Smith 6–7
- Selwyn, Alfred (1824–1902) 348, 350
- Sevastyanov, Alexander (1771–1824) 205
- Severgin, Vasily Mikhailovich (1765–1826) 203–204,  
 205, 206
- Shakespeare, Dame Ethel *see* Wood, Ethel Reader
- Silliman, Benjamin (1779–1864) 214–215
- Sismonda, Angelo (1807–1878) **187**, **191**, 192
- Skeat, Ethel Gertrude (1865–1939) 384, 386, 387,  
 396–398
- Skertchly, Sydney B. J. (1850–1926),  
 Australia 347, 348
- slavery, abolition of, Quakers 129
- Smith, William (1769–1839) 2–4  
 address by Sedgwick 6–7  
 conflict with Greenough 30–33, 125–126  
 controversy 21–38  
 geological map (1815) 4–5, 23, 24, 31,  
 32–34  
 restoration 413  
 as iconic image 1–7  
 publications 38–39  
 Wollaston Medal (1831) 6, 38  
 Yorkshire lectures 37–38
- Società Geologica Italiana 182, **184**, 198–199
- Société d'Histoire Naturelle de Paris 160
- Société Géologique de France 149, **199**, 199
- Société Philomatique de Paris 149, 160
- Society of Antiquaries 300, 301, 306
- Society of Friends 129–142  
*see also* Quakers
- Society for the Improvement of Animal Chemistry  
*see* Animal Chemistry Society
- Spallanzani, Lazzaro (1729–1799) **187**, 188, **189**
- Staffa, work of MacCulloch 271, 272
- Stanley, Owen (1811–1850), Australia 344, 345
- Stopes, Marie Carmichael (1880–1958) 401
- stratigraphy, work of Greenough 124–126
- Strzelecki, Paul Edmund (1797–1873), geological  
 map of Australia 345, 346
- Stutchbury, Samuel (1798–1859), Australasia 344
- Svedenstierna, Eric Thomas (1765–1825) 140
- Tate, Ralph (1840–1901), Australia 346,  
 347–348
- Taylor, Reverend Richard (1805–1873),  
 Australasia 344
- Tondi, Matteo (1762–1835) **188**, 198
- Townsend, Joseph (1739–1816) 22–23,  
 29–30
- Trigonometrical Survey of Great Britain 231,  
 235, 257
- Unitarianism 96, 97
- United States of America  
 geology in 1807 213–217  
 funding 214
- United States Coast Survey 214
- universities, Europe 147
- Valdheim, Johann Gotthelf Fischer von (1771–1853),  
 Moscow University 207–208, 209
- Vandercom, Joseph Fitzwilliam (c. 1754–1850),  
 Royal Charter application 322–325
- Vulcanism 12, 76  
 work of Hutton 169
- Walch, Johann Ernst Immanuel (1725–78),  
*Naturgeschichte der Versteinerungen*  
 (1755–73) 166
- Warburton, Henry (1784–1858) 3, 36  
 Royal Charter application 320–325
- Webb Seymour, Lord John (1777–1819), Schiehallion  
 experiment 283–284
- Webster, Thomas (1772–1844) 3, 30  
 Isle of Wight 15, 299–316, 417–438
- Werner, Abraham Gottlob (1749–1817) 9, 13,  
 117–118, 164, 168–171  
*Brief Classification*... 13  
 Freiberg Mining Academy 168–171  
 mapping in Saxony 170  
 Neptunism 169–170  
 opposition of Severgin 203  
*Von den äusserlichen Kennzeichen der*  
*Fossilien* 13, 168
- Wernerian Natural History Society, Edinburgh  
 41, 106, 261
- Westmacott, Robert Marsh (c. 1801–1870),  
 Australia 346
- Wollaston Fund **381**  
 Ethel Wood (1904) **381**, 400  
 William Lonsdale 233
- Wollaston Medal **381**  
 Edgeworth David (1915) 355  
 Marjorie Chandler (1927) **381**  
 William Lonsdale (1846) 233  
 William Smith (1831) 6, 38, 69
- Wollaston, William Hyde (1766–1828), Medical  
 and Chirurgical Society 68–69, 94

- women
  - education 375
    - steamboat ladies **375**, 386
  - Geological Society 373–403
    - Fellows 374, 381, 383–384, **385**, 395, 401–402
- Wood, Ethel Reader (1871–1945) 376, 386, 387, 400–401
- Woods, Ethel *see* Skeat, Ethel Gertrude
- Woods, Fr Julian Edmund Tenison (1832–1889), Australia 349
- Workman, Rachel (1884–1954) 387, 392–396, 393, 394
- Yale College 214–215
- Yelloly, John (1774–1842) 61, 82
- Yorkshire Philosophical Society 38