

## Index

Excepting dates, editions, and occasionally chapters, all numbers refer to pages. Entries are arranged alphabetically by key word, general preceding specific. Within each entry, the arrangement of subentries is usually chronological – in the case of persons, from birth to death; in the case of books, from front to back. Advancements of knowledge also appear in historical order; bones, on the other hand, are not anatomically arranged. As throughout my text, dinosaurs and the strata that contained them are stressed. The front matter and Stratigraphic Table are not indexed.

- Abernethy, John, 15–16, 146  
 Adams, William, 163, 164n  
 Agassiz, Louis Jean Rodolphe, 141–142, 143–144, 157, 218; on fossil fishes, 144n; Ice Age hypothesis (GM's opinion of), 178n, 225  
 Age of Mammals (Cenozoic Era) 2. *See also* fossil mammals  
 Age of Reptiles (Mesozoic Era), 1–2, 55, 55n, 98, 107n (1829), 106–107 (1831); Kirby objects, 107n; as first of four-stage sequence of life (Cuvier), 107n; 109, 163, 184, 190, 202, 205, 229, 242; illustrated, 57, 123, 167  
 Albert, Prince, 193–194, 218, 260  
 Allnut (family), 72n, 173n, 193  
 Allnut, Eleanora, 177n  
 Allnut, John, 177n, 194  
 Alluvium, 34, 47, 91 (“The effect of causes still in operation”), 202  
*Alyconia*, 25, 27, 30 (GM's paper); illus, 57. Later, *Ventriculites*, *Mantellia*  
 America, 224, 227, 229; geological associations 195, 210, 211n  
*Ammonites Mantelli* (mollusk), 27, 28, 46n (now *Mantelliceras*); illus, 167  
 Andrews, J. R. H., 198n  
 Animalcules. *See* microscopics  
 Anning (family), 58  
 Anning, Mary, 58, 58n, 77, 89n, 111  
*Apteryx* (wingless NZ bird), 225  
 Arnold, Dr. Joseph, 42  
 Artis, Edmund Turell, 239  
 Ashe, Thomas, 53  
 Athenaeum Club, 176, 178, 244  
 Australia, 197  
 Authoritarianism in Victorian science, 223–224  
 Babbage, Charles, 230n  
 Bakewell, Robert, 100–101, 107, 113, 114, 135n, 143, 144, 175; visits Castle Place museum, 99–100; secures publisher for *Geol SE Engl*, 116–119; praises it, 118–119, 124, 125n; *Intro to Geology*, 42, 101; 4th edition, 118, 125n, 149; on GM, *Iguanodon*, and immortality, 88, 89n  
 Banks, Sir Joseph, 30  
 Bath, 111  
 Baxter, John, 40  
 Beckles, Samuel Husband, 189n, 240  
 Belemnite controversy, 223, 228&n, 247; *Belemnoteuthis*, 223  
 Bell, L. G., 83n  
 Bell, T., 182  
 Benett, Etheldred, 28, 29, 29n, 30, 32, 34, 36, 36–37n, 58, 63, 66, 99, 223; on geology, 36  
 Bensted, William Harding, 132–135, 135n, 181; quarry, 134. *See also* Maidstone *Iguanodon*  
 Benton, M., 257  
 Birch, Lt. Col. Thomas James (later Bosvile), 58–59, 66; auction 59, 66  
 Birmingham, 182  
 Blomfield, Charles James, Bishop of London, 160n

- Blore, Edward, 126  
 Bohn, Henry, 201, 201n, 218, 220, 239, 241, 256, 262n  
 Boué, Ami, 120  
 Bowerbank, James Scott, 216, 216n, 223, 228, 236, 250  
 Bowler, P., 204n  
 Branagan, D., 83n  
 Brent, Dr. C., 4n, 10n, 159n  
 Brickenden, Capt. (later Maj.) Richard Thomas William Lambart, 230–231, 231n, 234, 253, 254, 255, 256, 257  
 Brighton (No. 20 The Steine), 84, 128–170, 193, 261; Chain Pier, 84. SSLI & MM, 151–157; SRI & MM, 157–161; Christmas 1836, 158; spring 1837, 160; GM sells practice and museum, 161; six lectures, 162–163. *See also* British Museum; Egremont; Maidstone Iguanodon; Richardson; *Wonders*  
 British Association (BAAS): Oxford 1832, 110, 111, 127; Cambridge 1833, 126–127; Edinburgh 1834, 143; Bristol 1836, 195  
 British Museum: sale of GM's collection to, 164–166; purchase and removal, 171–173n; sale catalogs, 172, 173n; disposal of his collection, 174, 178, 197, 240–243, 252, 255. *See also* König; Richardson; Waterhouse  
 Broadhurst, Louisa, 177n  
 Brodie, Sir Benjamin Collins the elder, 16  
 Brongniart, Adolphe Theodore, 77, 98  
 Brongniart, Alexandre, 23n, 24, 25n, 31, 50. *See also* Cuvier  
 Brooks, Hannah, 175  
 Brougham, Henry Peter, Baron, 118, 146n  
 Brunel, Isambard Kingdom, 214n  
 Buckland, William, 38n, 41, 43–44nn, 46n, 50, 58, 62, 65, 75–76, 77–81, 84, 102–103, 110, 113, 114, 118, 127, 140–141, 142, 143, 147, 190, 195, 198, 211n, 223, 227, 236, 237, 247, 248; debility and death, 240n; on *Megalosaurus*, 78–79, 80n; *Geology and Mineralogy*, 114n, 154n, 160n, 168n, 195; reviewed in *QR*, 154n  
 Buffetaut, E., 57n  
 Bullock, William, 168n  
 Bulwer-Lytton, Edward, 166, 192  
 Burkart, Joseph, 193n  
 Button, John, 10; his Academy 10, 19, 221  
 Byron, George Gordon, Lord (poet), 84, 85n, 94n, 109, 115; influenced by Cuvier, 94n  
 Cambrian–Silurian dispute, 229  
 Cambridge, 126–127  
 cancer, 217  
 Caroline, Queen, 67  
 Casier, E., 189n  
 Castle Ashby, 127  
 Castle Hill, near Newhaven, 22, 34, 35, 37, 38n, 44, 132, frontis to *Foss SD*, 44  
 causes, geological, 46, 47, 91, 103, 105, 119–120, 124, 150, 162, 225, 226. *See also* revolutions, geological; Cuvier; Deluge; Douglas; Lyell  
*Cetiosaurus*, 70n, 79, 95, 96n, 104 (Cuvier), 120, 181, 184, 188, 189n, 190, 191, 220, 227, 233, 235, 236, 238, 239&n  
 chalk, origin of, 221  
 Chalk fossils, 24, 30, 36, 100, 141–144. *See also* *Fossils of the South Downs*  
 Challinor, J., 32n, 220n  
 Chambers, Robert, 205–213, 229; GM meets, 210n; *Vestiges*, 205–213; later editions, 206, 209–210; *Explanations*, 211–212. *See also* change with improvement; progressive development; transmutation  
 change with improvement, 203–205; in biology, opposed by Cuvier, Lyell, 203  
 Chantrey, Francis Legatt, 94, 118  
 Chapman, S. D., 166n, 173n  
 Charig, A. J., 62n, 113n, 191n, 236n  
 Charlesworth, Edward, 156n, 190n, 221–223, 223n, 226, 250; *London Geological Journal*, 221–223  
 Chassereau, George, 22n  
 Chichester, 160  
 cholera, 108n, 111, 214n  
*Cladeiodon*, 190, 191  
 Clapham Athenaeum, 262, 265  
 Clapham Common (Crescent Lodge), 161, 166, 171–214, 259; lectures at, 177, 192–193; Crescent Lodge, 173, 173n  
*Clathraria Lyelli* (fossil plant), 98  
 Clay, Richard, 201, 220, 241, 262n  
 Cleavelly, R. J., 22n, 28n, 166n, 173n  
 Clift, Caroline, 146, 147; as Mrs. RO, 245  
 Clift, William, 69, 81, 83, 86, 112, 126, 140, 146, 182. *See also* Hunterian Museum  
 Clift, William Home, 147  
 Clifton, 194n  
 Cobbold, Elizabeth, 28, 37, 62–63, 66, 99  
 Colbert, E. H., 71n, 191n  
 Coleman, W., 82n  
 Colloni, Cosimo Alessandro, 56  
*Colossosaurus* (237, 239n) = *Pelorosaurus*

- Connecticut River Valley, Massachusetts, 189, 194–196, 198
- Conrad, Timothy Abbot, 125n
- Constable, William, 20, 21n, 53
- Conybeare, William Daniel, 50, 58, 60, 61n, 67, 69, 77, 79n, 84–85, 87, 111, 140, 232; and De la Beche, 61n, 62n; and W. Phillips, 45, 46, 46n, 50
- Cooper, Sir Astley, 174
- Cooper, J., 22n, 156n, 234n
- Country of the Iguanodon, 95, 168n, 220, 228, 243; illus, 167
- Crane, M. D., 83n
- Crawford, John, 99
- Crocodyle* = *Goniopholis*. *See* fossil crocodiles
- Crofts, Peter, 109
- Cross, Andrew, 207n
- Cruikshank, George, 17
- Crystal Palace, 259, 260, 261n; Crystal Palace Company, 260, 261n
- Cuckfield, 48, 63, 65, 66, 67, 68, 72–73n, 79, 90; Talbot Inn, 68
- Cumberland, George, 57n
- Cunnington, William, 223, 228
- Cuvier, Jean Léopold Chrétien Frédéric Dagobert, called Georges, Baron, 22, 23n, 24, 25n, 31, 50, 53–56, 57, 75, 76, 77, 80, 81&n, 81–82n, 86, 88, 89, 91&n, 92, 94, 96, 99, 103–104, 106, 107n, 108, 146, 182, 190&n, 191n; major ideas, 53–56, 81–82n, 107n; meets GM, 103–104; death of, 142; eulogized by GM, 122. On Paris Basin (with Alex. Brongniart), 53; *Recherches*, 53–56, 53n; 2nd and 3rd editions, 62n, 75, 80, 87–88, 89; *Essay*, 56, 154n. Cuvierian opposition to transformation, 203. *See also* causes; life; reptiles; transformation
- Cylindricodon*, 120
- Darwin, Charles Robert, 148, 160, 182, 204n, 205&n, 226, 229, 230, 261
- Darwin, Erasmus, 203
- days of Creation and geological epochs, 204
- Dean, D. R., 5n, 11n, 96n, 166n, 195n, 260n
- Deane, Dr. James, 195, 197n, 199–200
- De la Beche, Henry Thomas, 50, 58, 60, 61n, 115, 115n, 138, 168n; “Duria Antiquior,” 168n
- Delair, J. B., 11n, 62n, 67n, 168n
- Deluge, 20, 26, 46, 48, 54, 56, 98–99, 148, 150, 225
- Desmond, A., 82n, 191n, 208n, 261n
- Diluvium, 47, 91 (“The effect of causes no longer in action”), 202; as Pliocene, 119; Elephant Bed, 120
- Dinkel, Joseph, 142, 144, 145n, 157, 201, 218, 236, 237, 238, 239, 241, 255
- Dinornis* (the moa), 197–200, 225, 233, 246, 247; illus, 198
- dinosaurs (also dinosauria, dinosaurians), defined, 61; RO’s definition erroneous, 191; named by RO, 185; GM dislikes name, 227; GM and dinosaurs, 4, 87n, 95–96, 195, 200, 202; earliest indications of, 35, 48; as land dwellers, 87n, 100; bipedality of some, 189n, 190, 195, 196–200; initially grouped by Von Meyer et al., 190n; later grouping by RO, 185–188; RO’s grouping a mistake, 190; real appearance of dinosaurs unknown in 1842, 189; GM’s conceptions superior to RO’s, 189; GM the primary discoverer and designer of dinosaurs, 190–191. *See also* Age of Reptiles; Country of the Iguanodon; and names of individual dinosaurs
- Dinotherium* (mammal), 162
- Ditchling Beacon, 39, 42
- Dixon, Frederick, 251n
- Dodson, P., 191n
- Douglas, James, 26, 29, 62
- Doyle, Andrew, 97n
- Drift, 202, 225
- Duff, Dr. George, 254, 255, 256, 258n
- Duff, Patrick, 253, 255, 256, 258n
- Dulwich, 175, 176
- Dunker, Rudolph Wilhelm, 227, 233
- Duppa, George, 175n
- Eastbourne, 90
- ecological niche, concept of, 232n
- Edinburgh, 143
- Edinburgh Review*, 210
- Edmonds, W., 189n
- Edwards, Henry, 218n
- Egremont, Earl of, 128–129, 129n, 151, 155, 157, 161, 163, 164; bust of, 156
- Ehrenberg, Christian Gottfried, 194, 217. *See also* microscopics
- Elgin, Morayshire, 253
- Elginosaurus* (254, 255), Elgin Reptile = *Telerpeton*
- Ellis, John, 151n
- Enaliosaurus (60, 183) = *Ichthyosaurus*, *Plesiosaurus*
- Englefield, Sir Henry, 32

- epochs, geological, 204, 226  
 Epps, John, 158, 159n, 176n  
 Extinction, Law of, 225  
 Eyles, J. M., 28n, 102, 110n  
 Eyles, V. A., 115n
- Fairholme, George, 135n, 149  
 Faraday, Michael, 118, 143  
 Farey, John, 46n, 101n  
 Faujus de Saint-Fond, Barthélemy, 67, 68n  
 Featherstonhaugh, George William, 102  
 Fennell, Robert, 154, 157n; as goose, 154  
 Fitton, William Henry, 48, 110n, 125n, 126  
 flint, origin of, 221  
 Forbes, Edward, 249  
 Forbes, James David, 211–212, 248  
 Forbes, Dr. John, 130n  
 formations, geological, 47, 53n  
 fossils, 46; GM and, Chaps. 2ff; prices of, 222; primacy of, 56; incompleteness of, as record (Lyell), 252–253  
 fossil “birds” of the Wealden, 95, 206, 212–213, 213n, 222, 223, 238, 245, 246, 245–246n; affirmed by Cuvier (1830), 105; confirmed by RO (1835), 244. Fossil “bird” tracks, Massachusetts, 194–196, 198, 200, 202, 206, 210; illus, 196  
 fossil crocodiles, 54–55, 61, 63, 67, 68n, 70, 73n, 87n, 91, 92, 97, 100, 120, 152, 156, 184, 227, 233, 242; illus, 123, 167. *See also* Crocodile; Swanage Crocodile  
 fossil elephants, 21, 52–54, 94, 120, 162, 225–226, 232  
 fossil fishes, 141–144, 147. *See also* Agassiz; Cuvier; Valenciennes  
 fossil foraminifera, 224, 227  
 fossil “fox,” 226, 226–227n  
 fossil infusoria, 194  
 fossil mammals, 21, 52–54, 56, 62, 94, 120, 162, 163, 202, 206–207, 225–226, 232, 240, 241  
 fossil reptiles, 54–60, 61; GM on, 91–95, 120–122, 219–220, 227–228, 233, 240, 242–243; RO on, 182–184, 250–251&cn. *See also* dinosaurs; fossil crocodiles; fossil turtles; reptiles; *Telrpeton*  
 fossil turtles, 181–184, 244, 250; illus, 167; footprints, 253  
*Fossils of the South Downs, The* (GM, 1822): Chap. 3, 36–41, 43–44, 66, 67; Tilgate chapter, 69–74; “Teeth and Bones of Unknown Animals,” 71–76; historical importance of, 95–96
- Foster, Catherine, 177n, 193n  
 Foster, John, 177n  
 Fowlestone, George, 236  
 Fuller, Peter, 236, 237
- Galton, P. M., 236n  
 Genesis, validity of, 45, 148; and geology, 152  
*Geological Excursions Round the Isle of Wight* (GM, 1847), 218–220, 224  
 Geological Society (of London), 38, 40n, 58, 73, 77, 78–79, 84, 87, 113, 173, 178, 193, 199, 200, 216, 233, 243, 244, 245, 250, 252, 255, 256, 257, 258n, 259, 262, 265; Geological Society Club, 84, 85; *Quarterly Journal*, 221  
 “Geology and Evolution in 1822,” 46  
*Geology of the South-East of England, The* (GM, 1833), 114–125; Murray and, 114–116; Bakewell and, 116; Longman and, 116–117, 118; Lyellian cast of, 119; reception of, 124; short-comings of, 125  
 George IV, 106  
*Geosaurus*, 190n  
 germ theory of disease, 217, 217–218n  
 Germany, 122, 229  
 Gerstner, P., 22n  
 Gibson, William Sydney, 170n  
 Gilbert, Davies, 40, 43, 43n, 86, 90, 114n, 126, 152  
 Gillispie, C. C., 149  
 Godlee, Sarah, 38  
 Godstone, 90  
 Grant, Dr. Robert Edmond, 191n, 204, 226  
 Gray, John Edward, 112, 120  
 Great Exhibition (1851), 243n  
 Great Western Railway, 228  
 Greenough, George Bellas, 30, 31n, 32, 33, 34, 51, 63, 66, 67, 72, 99  
 Griffith, Edward, 124  
 Gypsy fortuneteller, 159, 164
- Hadrosaurus*, 189n  
 Halford, Sir Henry, 117  
 Hamsey, 22, 25, 28, 38n, 220  
 Hardy, Thomas, 166  
 Harlan, Dr. Richard, 126, 126n, 182  
 Harris, J. W., 197  
 Hastings, 6, 90, 233  
 Hawkins, Benjamin Waterhouse, 186, 261  
 Hawkins, John, 32–33, 40, 42, 43n  
 Hawkins, Thomas (“Mad”), 114, 118, 139–141, 141n, 168n; *Memoirs*, 139–140, 168n; *Sea Dragons*, 168n; *Statement*, 173n

- Herschel, Sir John, 118, 210, 211, 216  
 Hitchcock, Edward, 189, 195, 195&197n, 199, 202, 229; *Final Report* (1841), 195, 196  
 Hoare, M. J., 83n  
 Hodgkin, Dr. Thomas, 188, 263, 264n  
 Holland, Henry, 217, 217–218n  
 Holmes, George Bax, 188, 234  
 Home, Sir Everard, 58–60, 223  
 Hood, Thomas, 138  
 Hooke, Robert, 203n  
 Hoper, Henry, 45, 152n  
 Hopkins, William, 255, 256, 257; rules against RO, 257, 258n  
 Horsfield, Thomas Walker, 50, 76, 77n, 124, 125n, 221  
 Horsham, 234  
 Howe, S. R., 57n  
 Hume, Abraham, 210n  
 Hunterian Museum, 68, 81, 197, 244n; illus, 82  
 Huxley, Thomas Henry, 189n, 191, 236n, 239n, 248n  
*Hylaesaurus*, 87n, 111–114, 115, 116, 117, 122, 180, 181, 185–187, 190, 191, 219, 227, 233, 235, 245; illus, 123, 167, 186  
*Hypsilophodon*, 191, 236n, 238, 239, 243  
 Iceland, 225  
*Ichthyosaurus*, 57, 58, 59, 60, 63, 66, 67, 183; illus, 57, 123  
 iguana, 82, 83, 86, 94, 242; illus, 121  
*Iguanodon*, Chap. 4: discovery of, 71–85; first tooth, 71–76; earliest depiction of a tooth, 77n; Cuvier on teeth, 80–81; compared with iguana's, 82–83; named *Iguanodon*, 85. Later refs.: 91–94, 97, 100, 107, 109, 115, 120, 121, 122, 123, 136n, 167, 178, 179, 185, 186, 187, 188, 189, 190, 191, 219, 227, 230–232, 233, 235, 236, 242, 243, 246, 250, 251; illus, 123, 167, 186. *See also* Maidstone *Iguanodon*  
*Illustrations of the Geology of Sussex* (GM, 1827), 89–96; historical significance, 95–96; shortcomings, 96  
 India, 214n  
 Industrial Revolution, 110  
 influenza, 166n  
 Ingham, P., 166n  
 Isle of Portland, 122  
 Isle of Sheppey, 14, 22n  
 Isle of Wight, 31, 46n, 218–220, 233, 261; Brook Bay, 233  
 Jaeger, Georg Friedrich, 120, 122n  
 Jameson, Robert, 56  
 Kemp, Thomas Read, 18  
 Kendall, Frederick, 34, 35  
 Kentucky, 214n  
 Kidd, John, 61, 62&n, 77  
 Kirby, William, 107n, 146  
 König, Charles Dietrich Eberhard, 67, 140, 164, 165, 171, 173n, 174, 251, 252  
*Labyrinthodon*, 229  
 Lamarck, Jean Baptiste Pierre Antoine de Monnet de, 109, 110n, 203, 204n, 211  
 Lambert, Aylmer Bourke, 25n, 26, 29, 30  
 Lang, W. D., 58n  
 Lashmar, Charles, 63, 66n  
 Lee, Arthur, 22n, 24, 25  
 Lee, Hamlin, 194, 213, 216  
 Lee, James, 255  
 Lee, Stewart Warren, 19, 20, 113, 114, 220  
 Lee, William, 7, 13n, 24, 25, 26  
 Leeds, 259  
 Leidy, Joseph, 189n  
*Leiodon*, 250  
 Leney the quarryman, 63, 66, 72  
 Leonard, Adrian (and dogs), 207n  
*Leptopleuron* (256, 258n) = *Telerpeton*  
 Lewes (St. Mary's Lane, Castle Place), 7–129, 155, 158, 220–221, 261; pronunciation, 7; Lewes Castle, 10, 221; Lewes Priory, 10, 157, 220; Lewes Library Society, 20, 21, 221; Lewes Philosophical Society, 158; Castle Place (GM's home), 18, 37, 42, 67n, 68; museum, 96–99 (RB on, 99–100); 105, 129, 220, 221  
 Lhwyd, Edward, 56, 61, 73  
 life, creation and destruction of, 52–56, 148–149; slow gradations of, 205; progressive development of, 205–206; proposed histories of, 206–207; spontaneous generation of, 209, 217, 225; in supposedly Azotic rocks, 224; separate reactions becoming implausible, 226; appearance and disappearance of species governed by fixed and immutable laws of nature, 230  
 Linnaean Society, 29–30, 178, 265  
 Lister, Joseph Jackson, 194  
*Literary Gazette*, 189n, 256, 257  
 Lockhart, John Gibson, 207, 210n  
 London, 14, 15–17, 21, 23, 25–31, etc., with many visits to the Woodhouses (1812–1816) and to major institutions

London (*cont.*)

like the Linnaean (1814) and Geological (1818) societies as they opened to Gideon. Major London institutions are indexed under their own names; except for his six months at St. Bart's and occasional overnights, GM did not live in London until 1844. He was then at No. 19 Chester Square, 214, 214–215n, 216–262

London Philosophical Institution, 193

Long, George, 203n

Longman, Thomas, 101, 116–117, 120, 126

Lonsdale, William, 126

Loudon, John Claudius, 100, 101

Lower, Mark Anthony, 20

Lyell, Charles, 41–43, 50, 65, 68, 69, 73–76, 79, 92, 99, 113, 114n, 115, 116, 143, 145–146, 148, 175, 194, 195, 199, 200, 224, 225, 226, 228, 230n, 248, 252–258, 267n; *Manual*, 3rd, “Postscript,” 252, 255, 257; *Manual*, 4th, 253n, 254; *Principles*, I, 103, 105, 131; II, 109, 109–110n; III, 118, 124. His divisions of the Tertiary un-sound, 226 (*see* causes; Tertiary). Lyellians, 203

Lyme Regis, 58, 111

Maastricht animal = *Mosasaurus*

McCartney, P. J., 115n

MacKenzie, C., 159n, 176n

*Macrodonophion*, 190

*Macrorhynchus*, 233

Maidstone Iguanodon, 132–136, 174, 242; cartoons, 138

Malling Hill, 236

Mantell (family): early history, 6–9; motto, 137n

“Mantell Family, The,” 8–9

Mantell (name), 6

Mantell (later Parker), Ellen Maria, 144, 169, 175, 194, 199n, 201, 214n, 220

Mantell, George, 10, 11, 20

Mantell, Gideon: birth, baptism, and name, 7; childhood, 9–11; apprenticeship, 11–15; becomes surgeon and midwife, 15–17; medical partnership and practice, 17–18. Interest in fossils, 19–24; in stratigraphy, 24–25, 31–35. LS, 1813, 29–30. Marries, 1816, 31, 32. By 1817, begins to find large bones and teeth. GS, 1818, 38. Publishes *Foss SD*, 36–41; Iguanodon paper, 86–87 (RS, 1825, 88); *Illus*,

89–96. Establishes geological museum at Lewes, 96–99; finds *Hylaosaurus*, 111–114; publishes *Geol SE Engl*, 119–125. Moves to Brighton, establishing a new museum, 129; acquires Maidstone Iguanodon, 132–137; receives honorary LLD, 137, and Wol-laston Medal, 145–146; failing to secure a practice, is forced to leave out his home and museum; sells fossil collection to the British Museum, 164–166; last series of lectures becomes *Wonders*, 166–170; his family disintegrates. Moves to Clapham Common, 171; publishes *Medals*, 201–203, and important papers. Moves to Chester Square, London, 214; finds *Regnosaurus*, 232; *Pelorosaurus*, 236–237. Receives Royal medal, 248–249; writes final works, hectored by RO (243–251, 252–258). Granted annuity, 260; last days, 262–263n; death, 214n, 262; postmortem, funeral, will, and estate auction, 214n, 263, 267n; portrait, frontispiece. Accomplishments, 4–5; major books, 5n; bibliography of, 5n, 96n

Mantell, Hannah Matilda, 155, 176&n, 214n, 261

Mantell (later Bevis, Fielder), Jemima 103

Mantell, Joshua, 158–159, 175–176n, 194n, 261; on floriculture, 159n

Mantell, Kezia, 126

Mantell, Mary Ann Woodhouse, 22n, 28, 31, 32, 34, 36, 38, 42, 50, 67, 71, 92, 94, 100, 103–104, 143, 154n, 158, 174, 175, 174–175n, 176, 183n, 214n; geological interests, 73n

Mantell, Reginald Neville, 97, 155, 177, 194, 214n, 216, 223, 228&n, 247

Mantell, Thomas (father), 7–13, 221; religion, politics, 7–9, 10; shoemaker, 13; death, will, and estate, 13, 14n

Mantell, Thomas (brother), 67, 159, 220

Mantell, Walter Baldock Durrant, 38, 103–104, 160, 161, 175&n, 199n, 214n, 246–247, 249, 250n; portrait, 247

*Mantellia*, 78n

Mantellian Academy of Science, 19n

Mantellian Museum, 96–100, (Lewes); 129, 136, 138, 143–144, 151–157, 163–164 (Brighton). Visitors Book, 173n; Sale Catalogs, 172, 173n. Now Yale only, 174

Cambridge University Press

978-0-521-42048-8 - Gideon Mantell and the Discovery of Dinosaurs

Dennis R. Dean

Index

[More information](#)

## Index

287

- Marsh, Othniel Charles, 196  
 Martin, John, 136–137, 166n, 167  
 Martin, Peter John, 103n, 263  
 Martin, William 22, 25n  
 Mason, A. P., 75n  
 Masquerier, John James, 161  
*Medals of Creation* (GM, 1844), 201–203;  
   and transmutation, 203–205; “Retro-  
   spect,” 205. 2nd edition, 259, 260,  
   261, 262  
 Medico–Chirurgical Society, 178  
*Megalonyx* (mammal), 162  
*Megalosaurus*, 62–70, 68n, 73n, 77, 78,  
   79n, 86, 87n, 91, 92, 97, 100, 107,  
   120, 123, 167, 185, 186, 189, 190,  
   191, 227, 233, 243; named, 78; illus.,  
   123, 167, 186  
*Megatherium* (mammal), 162  
 Melville, Dr. Alexander Gordon, 231,  
   231n, 234, 248  
 Mesozoic, 203n, 205  
 microscopics, 178n, 194&n, 216–217,  
   244; Ross microscope, 193–194,  
   216–217; GM, *Thoughts on Animal-  
   cules*, 216–217, 218  
 Miller, Johann S., 50, 59, 67  
 Millhauser, M., 207n  
 monitor lizard, 68&n  
 Moore, James, 11–12, 17–18, 22, 67  
 Moore, Stephen, 99n  
 Moore, Thomas, 118  
 Morrell, J., 110n  
 Morris, John, 239, 240n  
 Morton, Dr. Samuel George, 120, 120n,  
   125n  
*Mosasaurus*, 55, 56–57, 67, 68n, 69&n,  
   107, 120, 222, 242, 250; named, 69n  
 Mount Harry, 38  
 Munster, Earl of, 163, 166, 168; *Wonders*  
   dedicated to, 166n, 168  
 Murchison, Roderick Impey, 89, 90, 99,  
   113, 118, 126, 127, 165, 193, 200,  
   203n, 205, 216, 224, 226, 227, 229,  
   260n; *Silurian System*, 229  
 Murray, John, 50, 114–116, 216  
  
 Nash, S. E., 29n  
 natural theology, 148, 154n, 205, 207. *See*  
   also Buckland; days of Creation; Gen-  
   esis; Kirby; Whewell  
 Newick, 158  
 New Jersey, 199  
 New Zealand, 175, 197–200, 202, 214n,  
   225, 229, 246  
 Nicholson, A. G., 194n, 258n  
 Noble, A. H., 173n  
  
 Norman, D., 189n  
 Northampton, Lord, 110, 126, 127, 127n,  
   164, 165, 174, 181, 193, 217, 218,  
   232, 247  
 Norwood Cemetery, 176  
*Notornis* (NZ bird), 249  
  
 Offham, 325  
 Olshevsky, G., 232n  
 oryctology (24) = paleontology  
 Osborne House, 218, 219n  
 Osmólska, H., 191.  
 Ostrom, J., 232n  
 Owen, David Dale, 225  
 Owen, Richard, 146–147, 147n, 178–182,  
   193, 202, 226, 230, 233, 235, 244n;  
   on fossil reptiles, 182–184; on di-  
   nosauurs, 185–191; on the moa, 197–  
   200; opposes transmutation, 207; on  
   fossil teeth, 244; on fossil mammals  
   and birds, 245; opposes GM’s Royal  
   Medal, 248–249; on Cretaceous rep-  
   tiles, 250–251n; in *Telerpeton* contro-  
   versy, 252–258; reviews Lyell, 253n;  
   reviews himself, 262n; obituary of  
   GM, 264, 265n  
 Oxford, 68n, 77, 110, 111, 236, 237; Ash-  
   molean Museum, 77; Shotover Hill, 110  
  
 Paine, Thomas, 7, 9, 43n  
 Palaeozoic, 202, 203n  
 paleontology, 162, 181; defined, 202  
*Paleosaurus*, 190  
 Paley, William, 148  
 Parish, Sir Woodbine, 194  
 Parker, John William, 214n  
 Parkinson, James, 21, 22n, 31, 50, 53, 78,  
   83, 84n, 104, 148; auction, 99n, 240n;  
   *Org Rem*, 21, 22, 23, 24, 28, 29  
   (GM’s copy), 30, 203n, 204, 239, 240  
 Parkinson’s disease, 22n  
 Pearce, Joseph Channing, 223, 228 (regu-  
   larly misspelled “Channing” by GM)  
 Pearson, William, 12, 162  
 Peel, Sir Robert, 246  
*Pelorosaurus*, 94, 96n, 236–238, 243;  
   name, 239n; “new species” (in fact,  
   new dinosaur), 237, 239n, 248  
 Pentland, Joseph Barclay, 61n, 77, 80, 83,  
   84n, 94  
*Petrifactions and Their Teachings* (GM,  
   1851), 240–243, 243n  
 Petworth, 128  
 Phillips, D., 228n  
 Phillips, John, 49, 90n, 109, 110, 126,  
   203n, 217



- Phillips, William, 46n  
*Pholidosaurus*, 233  
 Pickford, James, 161  
*Pictorial Atlas of Fossil Remains*, A (GM, 1850), 239–240&#x2013; frontispiece, 240; supplementary notes, 240; dedication backdated, 240n  
*Plateosaurus*, 190, 191  
 Playfair, John, 226  
*Plesiosaurus*, 57, 58, 60, 67, 77, 86, 87n, 91, 95, 97, 100, 107, 120, 183, 227, 233; illus, 57, 123  
 Plot, Robert, 61  
 Plymouth, 183  
*Poecilopleuron*, 184, 190, 191, 233  
 Pritchard, Andrew, 216  
 Pritchard, Charles, 239n  
 progressive development: no botanical evidence for, 229; Lyell opposes, 252–253. *See also* Chambers; Grant; Lamarck; Owen; transmutation  
*Proteosaurus* (58, 59, 60) = *Ichthyosaurus*  
*Pterodactylus*, 55, 57, 98, 107, 143, 250  
*Quarterly Review*, 154n, 207, 209, 252  
 Reade, Joseph Bancroft, 194, 216, 217n  
 Redfield, William C., 199  
 Reeve, Lovell Augustus, 256, 258n  
 Reform Bill (1832), 106, 108, 110, 118  
*Regnosaurus*, 232, 238, 239, 243, 244  
 Relfe, Lupton, 40, 50, 67, 116  
 reptiles: classified by Brongniart, 55n; by Owen, 103; large size anomalous, 94; supposed oldest, 255. *See also* Age of Reptiles  
 “Reptiles Restored” (G. Scharf, 1833), 123, 168n  
 revolutions, geological, 26, 53, 91  
 Ricardo, Moses, 132, 132n, 136, 143, 151, 157, 163  
 Richardson, George Fleming, 156, 156n, 157, 166n, 174n, 177, 190n, 220; “Visits to the Mantellian Museum,” 156n  
 Rickword, George, 96, 97  
 Riviere, A., 168n  
 Roemer, Friedrich Adolf, 227  
 Rogers, Samuel, 118  
 Rollo, George, 68  
 Rosse, Earl of, 260&#x2013;n  
 Rottingdean, 38, 132  
 Royal College of Surgeons, 113, 193, 224. *See also* William Clift; Hunterian Museum  
 Royal Institution, 160, 259  
 Royal Microscopical Society, 244n  
 Royal Society, 86, 88, 110, 118, 171, 178, 179, 180, 193, 218, 224, 231, 232, 234, 237, 247, 248, 249, 250, 260, 265; medal to GM, 232, 240n  
 Rule, Dr. John, 197  
 Russia, 224, 225, 227, 229  
 Saint Bartholomew’s Hospital, 12, 21  
 Saull, William Devonshire, 132, 135n, 188, 234  
 Savage, R. J. G., 226–227n  
*Scaphites* (mollusk), 28  
 Scharf, George, 124, 168n, 234  
 Schneer, C., 110n  
 Secord, J. A., 207n, 229n, 258n  
 Sedgwick, Adam, 127, 203n, 205  
 Seeley, H. G., 57n  
 Serjeant, W. A. S., 62n, 217n  
 Sharpe, T., 57n  
 Shipman, P., 189n  
 Silliman, Benjamin, 6, 10n, 101–102, and passim; *American Journal of Science and Arts*, 101; arranges GM’s LLD, 137; on *Wonders*, 169; on footprints, 195; on *Vestiges*, 209; annotates book, 218n; visits GM, 243n; GM’s last letters to, 262; eulogy of GM, 266; deletions from his letters, 174–175n  
 Silliman, Benjamin, Jr., 195  
 Smith, E. E. F., 173n  
 Smith, Horatio (“Horace”), 132, 132n, 136, 151, 157, 173n; “A Vision” (poem), 173n  
 Smith, William, 22, 23, 34, 38, 45, 101n, 126, 145  
 Smith, V., 4n  
 Southeast England: geology of 1–2, Chaps. 2–12, passim; map of, 3  
 Southerham quarry, 58  
 Southover, 155&#x2013;n  
 Sowerby, James, 20n, 26, 28n, 29, 34, 42, 59, 67; *Min. Conch.*, 24, 26, 27, 28, 33  
*Sphenopteris Mantelli* (fossil fern), 65  
 Spokes, Sidney, 71, 96  
*Stagonolepis*, 258n  
 Steel, R., 232n  
 Stonesfield, 69, 149; mammal jaws, 78, 79n, 206, 254; Stonesfield and Tilgate Forest compared, 69–70, 87  
 Strange (family), 11  
 Strange, Thomas, 22n  
 “Strata of Tilgate Forest” (quarry sketch), 65



- Stratigraphic Table, 268–279. *See also* 47–48 (47n includes modern equivalents)
- Streptospondylus*, 184, 190, 191, 233
- Stukeley, William, 54, 56
- Stutchbury, Henry, 164, 166, 173n
- Stutchbury, Joseph, 21
- Stutchbury, Samuel, 83&cn, 86, 111
- Suchosaurus*, 184
- Sumner, John Bird, 152, 152–153n, 154; on the Creation, 152–153n
- Sussex, Duke of, 118, 161, 171
- Sussex, fossils (1812), 24; strata (1813), 24, 25; later efforts, 32, 34–35 (after which see Stratigraphic Table)
- Sussex Royal Institution, 157–161
- Sussex Scientific and Literary Institution, 151–157
- Swanage Crocodile (152, 153, 156) = *Goniopholis*. *See* fossil crocodiles
- Swindon, 11, 20
- Swinton, W. A., 70n, 135n
- Sydenham, 260, 261
- Taquet, P., 68n
- Taylor, Sir Herbert, 117
- Tee, G. J., 75n
- Telerpeton*, 252–258; name, 255; illus, 253; controversy, 253–258
- Temple of Jupiter Serapis, Pozzuoli, 131, 194
- Tennyson, Alfred, 166&cn
- Tertiary, subdivisions of, 163, 202, 208, 226
- Thackray, J., 22n, 110n
- Thecodontosaurus*, 190, 191
- Thoughts on Animalcules* (GM, 1846), 216–217, 218
- Ticehurst, 175–176n, 194n, 261
- Tilgate beds, 47, 73n
- Tilgate Forest, 47, 63, 69–74, 86, 90, 98, 111
- Tilney, John, 14, 21, 22n, 28, 29n
- Todd, A. C., 44n
- Torrens, H. S., 57n, 58n, 59n, 156n, 188n
- transmutation of species (evolution) vs. special creation, 109, 148–149, 210–211; GM rejects, 149, 203–205, 211, 230; RO opposes, 207. *See also* Chambers; Grant; Lamarck; Lyell; *Medals*; progressive development
- Trimmer, Joshua, 168n
- Trotter, Robert, 109, 111, 113n, 152, 156, 157, 242
- Trowbridge, 214n
- tuberculosis, 176&cn, 217
- Turrilites* (mollusk), 27, 28
- typhus, 108n
- Uckfield, 40
- Unio Valdensis* (mollusk), 223
- Valenciennes, Achille, 142, 147
- Ventriculites* (27, 37, 78n) = *Alcyonia*, *Mantellia*
- Verstegan, Richard, 56
- Vestiges*; *see* Chambers
- Vetch, Capt. James, 78n
- Victoria, Queen, 171, 218
- Von Meyer, Christian Erich Hermann, 115, 156n, 183, 188, 190, 233
- Wakefield colonization scheme (NZ), 175n
- Wakefield, William, 197
- Wales, 194n
- Waterhouse, George Robert, 251, 252, 257
- Wealden formation, 47n, 103n, 163, 233, 242; illus, 123; freshwater origin, 47–48, 95, 227
- Webster, Thomas, 31, 40n, 46n, 220n
- Weishampel, D. B., 191n
- Wellnhofer, P., 57n
- Werner, Abraham Gottlob, 33
- West, Mary Mantell, 176, 213
- Westbury, 11
- West London Medical Society, 262
- Whewell, William, 126, 207
- White, Henry Hopley, 193
- Whiteman's Green, 48, 63, 64–65, 67, 69n, 72–73n, 90, 109, 231, 237, 242 (identified as = Tilgate Forest)
- Whittington Club, 241
- Wilds, Amon, 18, 37, 38n
- Wilford, J. N., 52n
- William the Conqueror, 6
- William IV, 104, 106, 117, 151, 161, 220
- Williams, Stephen, 266n
- Williams, William, 198, 199n
- Williamson, William Crawford, 216, 217n
- Wollaston, William Hyde, 38, 73, 145; Wollaston Medal, 145–146
- Wonders of Geology, The* (GM, 1838), 166–170; frontispiece, 167; conclusion, 204; six lectures, 162–163. BS on *Wonders*, 169; CL on, 169–170. 3rd edition, 173–174; 6th edition, 224–230, 246
- Woodhouse (family), 28–29
- Woodhouse, Alfred James, 214n, 259, 266
- Woodhouse, George Edward, Senior, 22n, 27, 28, 29
- Woodhouse, George Edward, Junior, 22n, 28, 51n, 214n

Cambridge University Press

978-0-521-42048-8 - Gideon Mantell and the Discovery of Dinosaurs

Dennis R. Dean

Index

[More information](#)

290

Woodhouse, Hannah, 28, 40, 67  
Woodhouse, James, 22n, 28, 40  
Woodhouse, Mary Ann (mother of GM's  
wife), 28  
Woodward, Samuel, 117, 125n  
Woollgar, John Webb, 38  
Woollgar, Thomas, 20, 21n, 43, 221

*Index*

Yaldwyn, J., 75n  
Yale College, 101, 174; awards GM hon-  
orary LLD, 137  
York, 110  
Zoological Society, 197, 246, 249  
Zornlin, Rosina, 193n