

- Lake Erie. *See* Erie, Lake.  
 —, of Geneva. *See* Geneva, Lake of.  
 —, Maeler, 503. 507.  
 —, Superior. *See* Superior, Lake.  
 Lakes, bursting of, 197.  
 —, filling up of, 254, 255.  
 —, formation of, in basin of Mississippi, 215. 447.  
 —, formed by earthquakes, 447. 463. 486.  
 —, crescent-shaped in plain of Mississippi, 212.  
 —, Canadian, strata of lacustrine origin forming in, 744.  
 Lamarck, his definition of species, 545.  
 —, on transmutation of species, 545. 565. 674. 677.  
 —, on conversion of the orang-outang into the human species, 553.  
 —, on numbers of polyyps, 683.  
 Lancashire, fossil canoes in, 735.  
 Lancerote, eruptions in, 420. 423.  
 Land, irregular distribution of (*see* map, pl. 1.), 110.  
 —, quantity of, in northern and southern hemispheres, 100. 110.  
 —, upraised at successive periods, 118, 119.  
 —, proofs of, at all periods, 182.  
 —, proportion of sea and, 125.  
 —, elevation of, how caused, 165. 435. 437. 439. 540.  
 Landslips, 307. 309. 435. 466. 486.  
 —, imbedding of organic remains by, 708.  
 —, villages and their inhabitants buried by, 708.  
 Languedoc, deposits on coast of, 259.  
 Lapidifying juice, 23.  
 Laplace on change in the earth's axis, 34.  
 — on mean depth of Atlantic and Pacific Oceans, 105.  
 — proved that no contraction of the globe had taken place for 2000 years, 129.  
 — on mean density of the earth, 515.  
 Lapland, why milder than Greenland, 95.  
 —, migrations of animals in, 615.  
 Lassaigue, M., on mud of Nile, 262.  
 Lateral pressure caused by landslips, 309.  
 — pressure in Andes and Alps, 167.  
 Latitude influences climate, 98.  
 Latrielle on insects, 632.  
 Lauder, Sir T. D., on floods in Scotland, 196. 614. 706. 727.  
 Lava excavated by rivers, 202.  
 —, effects of decomposition on, 368.  
 —, flowing of, under water, 366.  
 —, hydrostatic pressure of ascending, 533.  
 — of Iceland and Central France, 409, 410.  
 —, comparative volume of ancient and modern, 158. 411.  
 —, pretended distinction between ancient and modern, 411, 424.  
 —, mineral composition of, 431. 532.  
 —, rate of flowing, 362. 384.  
 Lazzaro Moro. *See* Moro.  
 Lea, Mr. Isaac, on cheirotherium in old red, 134.  
 Lehman, treatise of, 1759, 42.  
 Leibnitz, theory of, 28.  
 Lemings, migrations of, 615.  
 Lemus, Isle of, land raised near, 435.  
 Lena, R., fossil bones on banks of, 80. 82.  
 Leonardo da Vinci, 21.  
 Lesbos, Antissa joined to, by delta, 13.  
 Lewes, human bones in tumulus near, 715.  
 —, estuary of the Ouze recently filled up near, 744.  
 —, Levels, 724. 744.  
 Lewis, Capt., on submerged forest in Columbia R., 216.  
 Liege, caves near, 713.  
 Light influence of, on plants, 50.  
 Lightning, effect of, in Shetland Islands 287.  
 Lignite, conversion of wood into, 736.  
 Lima destroyed by earthquake, 483.  
 —, elevated recent marine strata at, 484.  
 Lime, whence derived, 771.  
 Lincolnshire, inroads o. sea on coast of, 292.  
 Lindley, Dr., on fossil plants of Melville Island, 90.  
 —, on number of plants, 682.  
 —, on dispersion of plants, 598.  
 —, on Lepidodendron, 89.  
 —, on Trigonocarpum, 89.  
 —, on fossil plants of coal, 132.  
 Linnæus on filling up of Gulf of Bothnia, 500.  
 — on subsidence of Scania, 509.  
 — on constancy of species, 546.  
 — on real existence of genera, 556.  
 — on diffusion of plants, 602. 604.  
 — on introduction of species, 642.  
 — cited, 648.  
 Lionnesse tradition in Cornwall, 311.  
 Lippi on destruction of Herculaneum and Pompeii 371.  
 Lipsius, 14.  
 Lisbon, earthquakes at, 343. 477.  
 Lister, first proposed geological maps, 28.  
 — on fossil shells, 28.  
 Lloyd, Mr., on relative levels of Atlantic and Pacific, 282.  
 Lloyd's List, number of wrecked vessels as shown by, 732.  
 Lomond, waters agitated by Lisbon earthquake, 478.  
 Locusts, devastations of, 651.  
 —, bank formed in sea by, 652.  
 Loes of the Rhine, 179.  
 Loire, tertiary strata of the, 140.  
 London basin, tertiary deposits of, 121.  
 — clay, its fossils, 140. 142.  
 Long Point peninsula cut through by Lake Erie 320.  
 Lowestoff Ness described, 297.  
 —, cliffs undermined near, 297.  
 Lowland of Siberia, 80. 85. 86. 124.  
 Luckipour, its inhabitants swept away by the Ganges 265.  
 —, new islands formed near, 264.  
 Luckput, subsidence near, 442.  
 Ludlow rocks, fossils of, 134.  
 Lund, gain of, 257. 501.  
 Lund, Dr., on fossil quadrumina, 142.  
 Lybian sands, caravans overwhelmed by, 703.  
 Lyme Regis, waste of cliffs at, 308.  
 Lym-Fjord, breaches made by the sea in, 317.  
 Lyon, Capt., on imbedding of camels in African sands, 703.
- M.
- MacClelland, Dr., on earthquakes in Chittagong, 267. 476.  
 —, on volcanic line in Bay of Bengal, 339.  
 MacCulloch, Dr., on gradation from peat to coal 695.  
 — on origin of limestones, 771.  
 Macacus pliocenus, Owen, in valley of Thames, 78. 142.  
 —. Suffolk species, 142.  
 Mackenzie, Sir G., his supposed section of the pipe of a geyser, 535.  
 —, on rein-deer in Iceland, 663.  
 Mackenzie, R., drift-wood of, 91. 720.  
 —, floods of, 86.  
 —, calcareous formation near its mouth, 114.  
 Maclaren, Mr. C., on Graham Island, 419.  
 —, on quantity of useful soil in America, 664.  
 —, on position of American forests, 691.  
 —, objection to theory of atolls, 768.  
 Macmurdo, Captain, on earthquake of Cutch, 442.  
 Madagascar, extent of coral near, 751.  
 —, assemblage of quadrupeds in, 609.  
 Madeira, 343.  
 Madrid, New, 216. 447.