

- cal relations, 790; influence of man on distribution of, 832; preservation of records of former, 1071, 1121, 1126; traces of pre-Cambrian, 1160; variations in progress of plant and animal, 1096, 1105, 1111
- Ligerian, 1544, 1560, 1565
- Light, reflected, transmitted, and polarized, 168, 169
- Lightning, effects of, 559
- Lignilites, 537
- Lignite, 250, 252, 548
- Lignitic group, 1575
- Lima, 1414, 1428, 1462, 1463*, 1526*, 1527
- Limax, 1661
- Limburgite, 300
- Lime, carbonate of (*see* Calcite, Aragonite), influence of, in natural waters, 695; natural precipitation of, in saline water, 695, 696; in sea-water, 72, 811; source of, for shells of marine organisms, 811
- Lime, phosphate of, in fossilization, 1078
- Lime-sulphate (*see* Gypsum, Anhydrite) in sea-water, transformed into carbonate by marine organisms, 811, 828
- Limestone, 117, 150, 244, 260; origin of, 1334; tests for, 158; formed at mouth of Rhone, 760; formed by nullipores, 761, 801; formed of shells, calcareous sand, etc., 762, 812, 825; formed of coral, 816; associated with shale or clay, 861; relative persistence of, 861; fossils peculiar to, 1348; formed by algae, 1426, 1444; solution of, 585, 595; weathering of, 148, 590, 595; insoluble residue of, 595
- acquired crystalline structure of, 216, 243; artificially converted into marble, 510; marmorosis of, 545, 569
- Limestone, Carboniferous, distribution and origin of, 863, 871
- Limestone Shale (Lower Carboniferous), 1365, 1367
- Linnaea, 1500, 1575, 1608, 1618*, 1658
- Limnerpeton, 1401
- Limonite, 128, 266
- Limopsis, 1600, 1615, 1638, 1655, 1667
- Limpets, protect shore rocks, 800
- Lingula, 1209, 1229, 1240*, 1245, 1267*, 1344, 1356, 1404, 1440, 1545, 1655
- Lingula flags, 1213, 1215
- Lingulella, 1208*, 1209, 1213, 1215, 1229, 1245
- Lingulina, 1389
- Lingulocaris, 1216
- Linnarssonia, 1209
- Linum, 1627
- Lion, fossil, 1700, 1741
- Liostracus, 1229
- Lipari Islands, 344, 350, 352, 367, 377, 382, 399, 400, 415
- Liparite, 279
- Liquid in cavities of crystals, 196
- Liquidambar, 1599, 1634*, 1648
- Liriodendron, 1597
- Lithoclase, 873
- Lithoid structure, 175
- Lithological characters as a basis for grouping strata, 871; as evidence of geological age, 1087 1093, 1157, 1167
- Lithology, 111
- Lithophyse, 180
- Lithornis, 1590
- Lithosphere of the globe, 74
- Lithostrotion, 1343*
- Lithothamnium, 1611
- Litorinella, 1639