

- Limnopus vagus*, 684*
Limnorla, 158
Limnosyops, 918
 Limonite, 71§; from decaying fer-
 riferous limestone, 126*
Limulids, Paleozoic, 676, 701*, 719
Limuloids, 419, 420§, 423, 455; deri-
 vation, 720-721
Limulus, 59, 420, 496, 556, 565, 616,
 676, 720, 721, 724; *polyphemus*,
 420
Lingula, 59, 72, 73 (composition of
 shell), 425*§, 468, 481, 487, 493,
 496, 516, 521, 550, 606, 612, 621,
 719; *acuminata*, 500; *cuneata*,
 538, 544*, 549; *Huronensis*, 503;
lamellata, 551; *luta*, 567; *Lewisii*,
 567; *Lyellii*, 503; *minima*, 567;
nitida, 840; *ovalis*, 73; *quadrata*,
 507*, 514, 516; *spatulata*, 612*,
 620
 — family, 779, 840 (Mesozoic and
 Paleozoic contrast)
 — flags, 481, 489, 573
Lingulella, 425§, 481, 482; *cœlata*,
 471*; *Davisi*, 481*, 520; *Dawsoni*,
 475*; *ella*, 471*; *ferruginea*, 481;
lowensis, 515; *prima*, 478*; *pri-
 mæva*, 481
Lingulepis antiqua, 478*
Lingulocaris, 482
Linnarssonina pretiosa, 500; *trans-
 versa*, 475*
Linton, Ohio, fossils, 661, 679, 681,
 682, 692
Liochlamys bulbosa, 917
Liodon, 864
Lion, 54
Lipari, 276
Liquidambar, 921, 922
Liriodendron, 837, 921; *Meekii*, 837,
 838*; *simplex*, 837, 838*
 Lisbon, earthquake, in 1755, 373
 Lisbon beds, 889
Listriodon, 927
Lithia, 61§, 321
Lithia Well, Ballston, 121
 Lithic era, 440
Lithistids, 777, 860*
Lithium, 61, 335; salts, 119
Lithobius, 724
Lithodesare, 59; *Agassizii*, 59
Lithodomus shells, 348
Lithodomus, 157; *prælongus*, 867
 Lithographic limestone, 637, 646,
 776, 788
Lithodyte, 84§, 337
Lithomantis carbonaria, 702
Lithomylacris, 691
Lithophis, 901
Lithophysæ (*lithophysæ*), 289, 337§,
 338; of Obsidian Cliff, 337*, 338
 Lithosphere, 61§
Lithostrotion, 640, 659, 674, 700, 711,
 718; *Canadense*, 639*, 640, 646;
mammillare, 659; *proliferum*, 646
 Lithostrotion beds, 638
Litoceras, 501
Litsæa Weediana, 839
 Little Ararat, 265, 296 (height)
 — Elko Range, 866
 — Metis, Can., 497, 500
 Little Missouri River, 266
 — River group, N. S., 598
 Littoral and abyssal deposits com-
 pared, 151
 — currents, 212; zone, 56
Littorina, 180; *palliatâ*, 984
Lituites, 499, 511, 520, 521, 567,
 568; *Americanus*, 573; *Ammo-
 nius*, 511; *Farnsworthi*, 500;
giganteus, 567, 573; *imperator*,
 499, 500; *Marshi*, 551; *undatus*,
 514
Lituola nautiloidea, 432*, 860*
Liverworts, 436
 Livingston beds, 828, 839, 875
 Lizards, 54, 415, 768, 787, 849
 Llama, 54, 910, 924, 1002
 Llandello group, 463, 515, 519, 568
 Llandovery group, 518, 520, 584,
 567, 569
 Llano Estacado, 912
 Llano group, 447, 469
 Loa, Mt., 26, 27, 179, 268*, 269*, 270,
 275, 276, 279, 286*, 288, 304
 Loam, 76
 Lob-worm, 156, 420*, 423
 Lobster, 78, 420, 421, 438, 717, 771,
 783
 Locusts, 419, 677, 679
 Lodes, 327, 331§
 Löss, 81§, 152, 195, 196*
 Löss, of the Mississippi, fossils in,
 964, 966, 973
Loftusia Columbiana, 674, 690
Loganellus, 503
Loganite, 454
Loganograptus Logani, 498*
 Logs, 156, 189, 191; carbonized at
 one end and silicified at the other,
 143; in the Coal-measures, 654;
 see also Wood
 Loire River, peat marsh of, 154
Loligo vulgaris, 424*
 Lombardy, 769, 774
 London, 17
 London basin, 920, 923, 925; clay,
 920§, 923, 925
 London-Paris basin, 857, 919, 920,
 936
 Lone Mountain, 495; limestone,
 516, 788
 Long Island, 18*, 41, 162, 167, 205,
 206, 211*, 223, 224, 225, 350; ori-
 gin of north bays of, 949; clay-
 beds, 822, 823, 837, 839; drift, 942
 —, Archaean of, 444; Cretaceous,
 822, 823, 839, 872; beds upturned
 during the Tertiary, 934, 1022*;
 Glacial, 949, 960, 962, 964, 970
 — Sound, 18*, 211*, 220*, 227,
 444, 461; a river channel in the
 Glacial period, 949; tides of, 211,
 214, 215, 216, 226
 Longmynd rocks, 480, 584
 Lonsdalia, 718
 Loochoo Mts., 40
 Loon, 852
Lophiodon, 923, 924, 925; *minimus*,
 926
Lopholatilus, 56
Lophophyllum, 674; *proliferum*,
 674
 Lorraine, 738, 792
 Lorraine shales, 489, 494
 Los Carlos Mts., 340
 Louisiade Islands, 36, 38
 Louisiana, mean height of, 23
 Louisiana limestone, Missouri, 637
 Loup Fork beds, 829, 884, 885, 886;
 fossils of, 894, 895, 911, 919
 Low-lands, 23§
 Lower California. See California
 Lower Helderberg period, 558
 —, Devonian relations of fauna,
 569-570
 Lower Silurian era, 489
 Lowlands, 28
 Loxomma Allmanni, 703
Loxonema, 520, 562, 590, 599, 613,
 621, 625, 642, 700; *priscum*, 601;
semicostatum, 690; *sinuosum*, 567
Loxotrema, 916
 Loyalty Islands, 36
 Lucia Island, 831
Lucina, 602, 780, 867, 916; ano-
 donta, 917; *Claibornensis*, 916;
contracta, 917; *cribraria*, 917;
occidentalis, 855; *Portlandica*,
 791; *serrata*, 926
 Ludian beds, 926
 Ludlow beds, 463, 563, 573
 Lunachelle limestone, 792
Lunatia, 916; *Grœnlandica*, 983, 984;
heros, 983, 984; *obliqua*, 854
 Lung fishes, 417§, 587, 618
Lunulicardium, 602, 621; *acutirostrum*,
 620; *fragile*, 612*, 620; *or-
 natum*, 620
 Lutetian group, 925
Lutraria papyria, 916
 Luzon, 40, 920
Luzula, 240; *hyperborea*, 945
Lychnocanium lucerna, 433*
Lycopodites, 610, 668
Lycopodium chamaecyparissus, 75;
clavatum, 74; *complanatum*, 75;
dendroideum, 75, 668, 669; *selago*,
 946
Lycopods, 53, 74, 75, 434, 436§, 663,
 667, 668, 672, 711, 712, 713; ash
 of, 74, 75; spores, composition of,
 713; Clinton, 549; Corniferous,
 583*; Hamilton, 595*; *Subcar-
 boniferous*, 639, 645; *Carbonif-
 erous*, 666, 667, 668*
 Lyell (Mt.), glaciers of, 240, 945
 Lykens Valley coal, 656
 Lynton group, 625
 Lyre bird, 54
Lyria costata, 898*, 916
Lyrodema, 516; *cuneatum*, 567
Lytoceras, 760, 793, 794; *Batesii*,
 837; *Jurense*, 790
 Macacus, 55
 McGregor coal-bed, 658
Machæraeanthus sulcatus, 589*
Machærodus, 911, 919, 927, 1000;
Floridanus, 1001; *latidens*, 1006
 Mackenzie River, 40, 171, 359, 580,
 590, 592, 593, 594, 602, 830
 — Laramie area, 827
 Mackerel, 812, 862
 Mackinac, 552, 580, 628