

- King, Prof. William, Xera and Thalassa in the Permian period, 99-121.
 Knocktopher sandstone, Carboniferous system, 101.
 Knop, M., on metasomatism, 28.
 Kobell, M., on chrysotile, 8.
 Kuntze, O., on "*Eozoon*," xlvi.
 Kyschimsk, peridolite of, 62.
- L.**
- Labradorite. *See* Feldspars.
 Lacustrine deposits, their place in a rock-system, 100, 101, 104.
 Ladak, elevated lakes of, 114.
 Lancashire "Bunter," its relation to the Permian system, 102.
 Land and sea features in relation to different stages of vertical movements of the earth's crust, 100.
 Larval evolution, 85.
 Lasaulx, Prof. von, on metasomatism, 28.
 Laurentian rocks. *See* Archean rocks.
 Lava, 65, 66, 69.
 Laveline (Vosges), hemithrene of, 51.
 Leibnitz, on metamorphic rocks, 28.
 Leipervillite a peridotitic mineral, 61.
 Leonhard, Von, on origin of hemithrene masses, 53.
 Letterfrac (Connemara), crystalline limestone of, 90.
 Leuchtenbergite, 5.
 Leucite, its origin, 66.
 Lévis dolomites and limestones of Canada, 48.
 Lewis (Hebrides), hemithrene of, 58.
 Lherzolite, 2, 37, 62.
 Liassic metamorphics, 32, 96.
 Liguria, ophites of, 97.
 Limibilite a peridotitic mineral, 61.
 Limehilllock (Scotland), serpentine &c. of, 55.
 Limestones, Carboniferous, of Ireland dolomitized, 94, 101.
 —, Archean, origin of. *See* Hunt, Hull, Ramsay, and Chap. xii.
 —, "Eozonal." *See* Ophites.
 —, magnesian. *See* Dolomites.
 —, mineralized, 89, 90.
 —, methyllosed. *See* Methylosis.
 —, of mechanical origin, 120, 121.
 —, of chemical origin (their organic origin "a fallacy"). *See* Hunt, also 120, 121.
- Limestones rare in Cambrian system, 83-87.
 Lisoughter (Connemara) crystalline limestone, 42.
 Lizard (Cornwall), serpentine rocks of, xlvi, 11, 21, 37.
 Llandeilo flags, impure limestones of, 84.
 Lochaber terraces, 113.
 Loch Eribol, subcristalline limestones, 33.
 Logan, Sir W. E., on Laurentian rocks of Canada, ix, 45, 73, 74.
 —, on "*Eozoon*," viii, ix, x, xiv, xxi.
 Loganite, a pseudomorph after hornblende, xv, 6.
 —. See "*Eozoon*" in loganite.
 London and Edin. Phil. Magazine, xlvi, 2, 11, 37, 43.
 Longmynd rocks non-calcareous, 75, 83.
 Lough Corrib. *See* Cannaver.
 — — water contains lime in mechanical and chemical suspension, 120, 121.
 Lower Cambrian limestones, 83-87.
 — Silurian limestones, 33, 84, 88, 89.
 — — metamorphics, xlvi, xlvi, 33, 88.
 Lyell, Sir Charles, on metamorphism, vi.
 —, accepts "*Eozoon*," xxix.
- M.**
- Macalister, Dr. A., accepts "*Eozoon*," xxix, xxx.
 MacCulloch on coccolite marble of Tiree, 48, 55, 56, 59.
 M'Mullen, J., early discoverer of "*Eozoon*," ix.
 Madawaska (Canada), crumpled layers of limestones at, 72, 73.
 Magnesian limestones. *See* Dolomites.
 — — of Durham, their configurations. *See* Coralloids.
 — silicate minerals, their origin, 24, 25, 26, 29.
 Magnesiated rocks, Prof. Heddle on, 39; J. Arthur Phillips on, 43.
 Magneso-argillite. *See* Sepiolite.
 Malacolite, xv, xvi, 7, 21, 22, 23, 50, 57, 58, 60, 61, 83.