

- Plagioclase, striping or striæ of. *See* Feldspars.
- Plateaux, continental, in relation to the intervening oceanic depressions, 110, 112.
- Pliny, his name chrysolite, 61.
- Plombières, action of alkaline water on Roman masonry at, 35.
- Plutonists, Sterry Hunt on, 30.
- Poderno (Tuscany), argillaceous schist changed into serpentine, 44, 97.
- Polarization of serpentine, 50, 63.
— of peridot. *See* Peridot.
- Polmally (Scotland), "lime and serpentine beds" of, 55.
- Pompeii, its ruins contain fragments of ophi-calcite, 11.
- Pontefract sandstones of the Permian system, 102.
- Porphyritic serpentine of the Lizard. *See* Lizard.
- rocks near Galway, serpentinized, 27, 41.
- Porthlisky (Pembrokeshire), "impure limestone beds" of, 83, 84.
- (—), malacolite replaced by calcite, xvi, 83.
- Portsoy, serpentine and other rocks of, 30, 54, 55.
- Post-Archæan ophites and hemithrenes, 87, 96.
- Potsdam rocks, rarity of non-crystalline limestones in, 84, 85, 88.
- Prato (Central Italy), ophites of, 46.
- Pre-Cambrian metamorphics of Eastern North America (Hunt), 33.
- Predazzite (hydrous dolomite) of Conzocoli (Tyrol), 7, 41.
- Presidential Address of Leonard Horner, 48.
- of H. C. Sorby, 109.
- of Dr. A. Macalister, xxix, xxx.
- Pre-Silurian metamorphics according to Sterry Hunt, 33.
- "Primary limestone." *See* Hemithrenes.
- "Primitive water" in granite and metamorphics, 34, 35.
- Prochlorite, 5.
- Productus horridus*, *P. giganteus*, *P. ponderosus*, their habitat, 103.
- "Protogæa" of Leibnitz, 28.
- Protogines, 2.
- Protozoans of the Cambrians, 85.
- Pseudo-diallage, 5.
- Pseudomorphic serpentine minerals, 6.
- Pseudomorphism, vi, xiv, xxxv, xxxvi, xlix, 1, li, 11, 19, 23, 24, 57.
- Pseudophite, 5.
- Pusyrewski on "*Eozoon*," xx.
- Pyrallolite a serpentinous mineral, 5, 6.
- Pyrocaustic rocks according to Bunsen, 35.
- Pyrosclerite a serpentinous mineral, 5, 27, 52.
- in "*Eozoon*," xlvii, 124.
- Pyroxene, white. *See* Malacolite.
- "Pyroxénique" rocks according to Alex. Brongniart, 47.
- Pyroxenites, their association with hemithrenes, 78, 81, 82.
- Q.
- Quarry-water ("eau de carrière"), 35.
- 'Quarterly Journal of the Geological Society,' 22, 28, 29, 35, 37, 42.
- Quartz, pseudomorphic and original, 67.
- Quartzites &c. of Loch Eribol, 33.
- Quebec fault, its extent and direction, 111.
- "Quebec rocks" in Canada and Northern New York, 48, 88.
- Queen's College, Galway, specimens in Geol. Museum of, 18, 27, 94.
- R.
- Ragged Chute (Madawaska, Canada), corrugated layers of gneiss and limestone, 72.
- Ramsay, Dr. A., on rock metamorphism, v.
- on origin of Archæan limestones, xxii.
- on Permian formations, 91, 99, 101, 103-106, 119.
- adopts "*Eozoon*," xxii.
- Reade, T. Mellard, opposes "*Eozoon*," xxvi, xxvii.
- Regional cyclical vertical movements of the earth's crust, 100-102, 106, 113-115.
- metamorphism. *See* Metamorphism.
- Reichenstein (Silesia), chrysotile of, 8, 15, 16, 123.
- Rénard, Abbé, on the 'Challenger' soundings, 75.