

OCH

- Ochil Hills, escarpment of, 296-297
 Oldhaven beds, 244
 Old Red Sandstone, 103-110
 — — — and Godwin-Austen, 61
 — — — Conglomerates of, 111
 — — — and Carboniferous, rocks, Scotland, preservation of, 298, 299
 — — — and Devonian, 99, 302-305
 — — — epoch, scenery of, 113-118
 — — — fossils of, 113-117
 — — — freshwater deposit, 105-109
 — — — passage into Carboniferous series, 305
 — — — Scotland, 86
 — — — Scotland, denudations of, 295-297
 — — — South Wales, 117
 — — — volcanic rocks of, 111, 116, 291
 — — — waters of, 553
 Olivi, geological ideas of, 277
 Oolites, Brora, 198, 199
 — and Lias, Upper Cretaceous overlap on, 312
 — North of Humber, denudation of, 519
 Oolitic Series, 173-200, 309
 — and Liassic rocks, original extension of, 313-316
 — escarpment, 331
 — formations, overlaps of Cretaceous strata on, 183, 191
 — limestones, waste of, 562
 — plateaux, 511
 — rocks, minor scarps of, 318
 — series, of waters, 45
 — table-land, and valleys in, 316
 — — waste and denudation of, 311
 Ores of metals, 592-596
 Orkney Islands and denudation, 488
 Orosius, on fossil shells, 277
 Osborne Beds and fossils, 238, 252
 Ouse, Bedfordshire, gravels, flint hatchets, and mammals, 539

PER

- Ouse, Sussex, alluvia of, 542
 — Yorkshire, 517, 519, 532
 Outliers, explanation of, 35
 — Bristol coal-field, 35
 — Forest of Dean, 35
 Owen, Professor, on Oolitic epoch, 197
 — — on marsupials of Purbeck, 205
 Oxford Clay, 197
 — — range of, 183-185
 — — Battle, 206
 — — Hebrides, 199
- P**ACIFIC, Calcareous mud in, 226
 Palæozoic epoch, 307
 Palissy, Bernard, on fossil shells, 277-278
 Parker, Mr., and Wookey Hole, 475
 Passage of Silurian into Old Red Sandstone, 104
 Paviland cave, 470-472
 Peach, Mr., Silurian fossils, Sutherland, 61, 86
 Peckforton Hills, 308
 Pembrokeshire, denudation of, 487, 488
 Penarth, Rhætic beds, 159
 Pengelly, Mr., on plants of Hempstead beds, 254
 — — on Bone caves, 478, 479
 — — on Bovey beds, 259, 260
 Pennine chain, waters of, 554
 Pentamerus beds, 89
 Pentuan, human skulls, 541
 Permian series, 139-151
 — and New Red epochs and Central Asia, 157
 — and New Red Sandstone, waters of, 554
 — Labyrinthodonts and lizards, 145
 — fishes, 146
 — physical geography, 145-151
 — plants, 145
 — pseudomorphs of salt, gypsum, 146