

## N

Naphtha, 253  
 Nebular theory, 79, 153, 167  
 North America, volcanoes of, 273  
 Norway, geology of, 117  
 Nummulites, 257

## O

Ocean, sediments in, 215  
 Oceanography, 182, 213, 215  
 Oligocene formation, 534  
 Oolitic series, 497  
 Ophite, 102  
 Organisms, geological action of, 239  
*et seq.*  
 Organs, geological, 204

## P

Palaeontology, 125 *et seq.*, 363 *et seq.*; *also see Fossils*  
 Palaeozoic strata, 436, 448  
 Paris basin, geology of, 104  
 Peat, 240  
 Pebbles, formation of, 212  
 Permian system, 453 *et seq.*  
 Petrography, 122  
 Petroleum, 253  
 Planets, 157  
 Pleistocene formation, 538  
 Porphyritic rocks, 324, 337, 345,  
 348, 351  
 Porphyritic structure, 337  
 Pre-Cambrian rocks, 439  
 Protozoa, 383 *et seq.*  
 Pyrenees, geology of, 101

## Q

Quaternary formation, 538

## R

Radiolaria, fossil, 385  
 Raised beaches, 286  
 Red clay, 217

Reptiles, fossil, 133, 415  
 Rhine, volcanoes of, 258  
 Rhön, volcanoes of, 268  
 Rivers, action of, 207 *et seq.*  
 Russia, geology of, 119

## S

Salt deposits, 219, 485, 490  
 Salt Lake, 218  
 Sand-dune, 199  
 Sand-pipes, 204  
 Santorin Isles, 267  
 Scandinavia, geology of, 115 *et seq.*  
 Schists, 353 *et seq.*  
 Scotland, geology of, 113; volcanoes of, 270  
 Sea, invasion of land by, 212 *et seq.*,  
 286  
 Sea-level, fluctuations of, 292  
 Secular movements of upheaval, 285  
*et seq.*  
 Sedimentary strata, origin of, 351,  
 426  
 Sedimentation, 303  
 Sediments in ocean, 215  
 Seismometers, 282  
 Serapeum, changing level of, 289  
 Silurian system, 433 *et seq.*, 441 *et seq.*  
 South America, volcanoes of, 275  
 Spain, geology of, 108  
 Spectroscope, 154  
 Sponges, fossil, 129, 386 *et seq.*  
 Springs, 200  
 Stars, falling, 163; fixed, 187  
 Stratigraphy, early, 37, 49, 59;  
 later, 84 *et seq.*, 88, 111, 425 *et seq.*  
 Sun, constitution of, 156  
 Sun-spots, 156  
 Surfusion, theory of, 342  
 Swallow-holes, 204

## T

Tectonic structure, 295 *et seq.*  
 Teeth, fossil, 410, 413  
 Tertiary system, 105, 526 *et seq.*  
 Thuringia, geology of, 82, 83, 85