

- Coal mine, near Lyons, 874.
 Nova Scotia, time required for its growth, 883.
 oolitic at Brora, 814.
 period, climatic of, 895.
 pipes, danger of, 373.
 seams, continuity of, 304.
 strata, footprints of reptiles in, 397.
 zigzag flexures of, near Mons, 53.
 Coal-field at Burdhouse, 886.
 oolitic, of Richmond, Virginia, 830.
 of Ashby-de-la-Zouch, 69.
 of Yorkshire, fossils of, 886.
 United States, diagram of, 888.
 Coalbrook Dale, beetles in coal of, 885.
 fossil cones in, 863.
 coal-measures of, 885.
 faults in, 62.
Cochliodus contortus, teeth of, 409.
 Cockfield Fell, rocks altered by dikes, 481.
Colacanthus granulatus, scale of, 354.
Calorhynchus, sword of, 215.
 Colchester, Mr., on mammalia at Kyson, 219.
 Color in shells of mountain-limestone, 406.
 Columbia, Vinegar River of, 224.
 Côme, ravine in lava of, 560.
 Concretionary structure, 37.
 Condensation of rock-material, 38.
 Cone of a pine, Purbeck, 300.
 Cones in Val di Noto, 488.
 and craters, 461.
 and craters, absence of, in England, 6.
 Conglomerate, or pudding-stone, 11, 47.
 dolomitic, 354.
 Coniferous trees, fossil, 368.
 Connecticut, valley of the, 346.
 beds, antiquity of, 349.
 Conrad, Mr., on cretaceous rocks, 255.
 Consolidation of strata, 33.
Conocephalus striatus, Cambrian, 450.
Conularia ornata, Devonian, 423.
Conus deperditus, cocene, 216.
 Conybeare, Mr., cited, 64, 69, 273, 318.
 on Plesiosaurus, 321.
 on oolite and lias, 329.
 on term Poikilitic, 332.
 on crocodiles, 217.
 Cook, Capt., on *Fucus giganteus*, 242.
Coprolites in chalk, 241.
 Coralline Crag, fossils in, 170.
 Coral islands and reefs, 84, 46.
 rag of oolite, 302.
 Corals, Devonian, geographical distribution of, 428.
 of Devonian system, 422.
 Corals of Devonian strata in United States, 427.
 in Wenlock formation, 435.
Corals, neozoic type of, 403.
 paleozoic type of, 403.
Corbula alata, Purbeck, 263.
 pisum, cocene, 193.
 Corinth, corrosion of rocks by gases near, 595.
 Cornbrash of lower oolite, 805.
 Cornean, or aphanite, 472.
 Cornwall, clay in, 12; granite-veins in, 509, 593.
 mineral-veins in, 620, 622.
 tin of, newer than Irish copper, 628.
 Cotta, Dr. B., on granite in Saxony, 688.
 Crag, coralline, fossils in, 170.
 comparison of faluns and, 177.
 fluvio-marine, Norwich, 154.
 Crags of Suffolk, red and coralline, 110, 168.
 Craigleith fossil trees, 40.
 quarry, slanting tree in, 376.
Crania, attached to *Echinus*, 23.
 *Parialensis*, chalk, 240.
Crassatella sulcata, cocene, 218.
Crassina Omali, coralline crag, 171.
 Crater of Island of St. Paul, 509.
 Creeps in coal-mines described, 52.
 Credneria in quadersandstein, 260.
 Cretaceous rocks of Pyrenees, 570.
 group, 234.
 group, flora of, 265.
 Cretaceous strata in South America and India, 255.
 period, plutonic rocks of, 579.
 volcanic rocks, 555.
 rocks in United States, 254.
 lower, 256.
 Crinoids, Silurian, 436.
Cristellaria rotulata, chalk, 26.
 Crocodiles near Cuba, 325.
 Croizet, M., on Auvergne fossil mammalia, 203.
 Cromer, contorted drift near, 134.
 Crop out, term explained, 55.
 Crust of earth defined, 2.
 Crystalline limestone, 351.
 rocks, erroneously termed primitive, 9.
 rocks, foliation of, 606.
 schists defined, 7.
 Curral, valley in Madeira, how formed, 516.
 Curved strata, 47, 49, 135.
 Cutch, Runn of, 344.
 Cuvier, M., on eocene formation, 222.
 on Amphitherium, 311.
 on tertiary strata near Paris, 109.
 on fossils of Montmartre, 223, 224.
Cyathæa glauca (recent), 363.
Cyathina Bowerbankii, gault, 403.
Cyathocrinites planus, carboniferous, 405.
Cyathocrinus caryocrinoides, 405.
Cyathophyllum flexuosum, 403; *C. cæspitosum*, 422; *C. turbinatum*, 435.
Cycadeoidea megalophylla, Purbeck, 296.
Cycadites comptus, oolite, 314.
Cyclas amnica, 132; *C. obovata*, 28.
Cyclopteris Hibernica, Devonian, 414.
 Cycloplan Islands in Sicily, 523.
Cyclostoma elegans, pleistocene, 30.
Cylindrites acutus, oolite, 308.
Cypræa coccinelloides, red crag, 170.
Cyprides, Lower Purbecks, 296; Middle Purbecks, 294; Upper Purbecks, 291; Wealden, 262.
Cypridina serrato-striata, Devonian, 421.
Cypris inflata, coal, 384.
 Cypris in Lias, 327.
 in Wealden, 262.
 in marl of Auvergne, 199.
 in Purbeck beds, 293, 294, 296.
Cyrena consobrina, 28; *C. cuneiformis*, 220; *C. semistriata*, 193.
 Cystidæ in Silurian rocks, 440.
Cytherella, chalk, 26.
 DADOXYLON, coal-plant, 369.
 Dana, Mr., on crystalline limestone, 597.
 on coral-reef in Sandwich Islands, 241.
 on volcanoes of Sandwich Islands, 489, 493, 516.
Dapedius monitifer, scales of, 321.
Daphnogene cinnamomifolia, 191.
 Dartmoor, granite of, 580.
 Darwin, Mr., on foliation, 606.
 cited, 241, 242.
 on boulders and glaciers in S. America, 168.
 on cleavage in South America, 600.
 on coral-islands of Pacific, 241.
 on dike in St. Helena, 528.
 on habits of ostrich, 349.
 on fossils in South America, 154.
 on *Fucus giganteus*, 242.
 on gradual rise of part of S. America, 46.
 on lamination of volcanic rocks, 609.
 on parallel roads, 87, 88.
 on plutonic rocks of Andes, 577.
 on recent strata near Lima, 120.
 on saurians in Galapagos Islands, 895.
 on sinking of coral-reefs, 46.
 on Welsh glaciers, 180.
 Daubeny, Dr., on the Solfatara, 595.
 on volcanoes in Auvergne, 652.
 Davidson, Mr., on liassic spirifers, 818.
 Dawson, Mr., on coal-plants, 370.
 Dax, inland cliff at, 72.
 Dean, forest of, coal in, 395.
 Deane, Dr., on footprints, 847.