

- Diplacodon, 907, 918  
 Diplacodon beds, 886  
 Diplaspsis Acadica, 546  
 Diplocynodon victor, 767\*  
 Diplodocus longus, 762\*  
 Diplodontia acclivis, 917  
 Diplodus, 687, 692; compressus, 692; Gaudryi, 702; gracilis, 692; latus, 692  
 Diplograptus, 520; amplexicaulis, 505\*, 514; mucronatus, 510\*; pristinus, 510\*; spinulosus, 516; Whitfieldi, 516  
 Diploopoda, 419  
 Diplopterus, 627  
 Diplurus longicaudatus, 751  
 Dipnoans, 417§; Paleozoic, 587, 588\*, 617\*, 618, 619, 625\*, 725, 727; post-Paleozoic, 736; Permian, 687; Triassic, 772, 869  
 Dipnoi, 54, 59, 417  
 Dipriodon lunatus, 853\*  
 Diprionidae, 498\*, 499§  
 Diprotodon Australis, 1006\*  
 Diptero-caris penna-Daedali, 615\*; Proenc, 615\*  
 Dipters, 419, 679, 783, 794, 900 (number of Florissant)  
 Dipterus, 625, 627; macrolepidotus, 625\*; Sherwoodi, 617\*  
 Disappearance of life. See Life  
 Discina, 59, 72, 425§, 447, 475, 481, 482, 487; Caerfaiensis, 481; lamellosa, 427\*; Lodensis, 627; truncata, 612, 620  
 Discinids, 779, 922  
 Disciniscia lamellosa, 427\*  
 Discites, 591, 602, 642, 700  
 Disco Bay, 244, 350  
 Disco Island, 272, 376, 819, 831, 921  
 Discosorus, 546, 549; conoideus, 546  
 Dismal Swamp, 154, 889  
 Displacements through frost, 230, 231\*. See also Faults; Flexures; Fractures  
 Dissacus, 917, 918  
 Distortions of beds and fossils, 107, 369, 370\*, 371  
 Distortrix septemdentata, 916  
 Disturbances, 351§, 363, 406; of closing Archaean, 466  
 Dithyrocaris Belli, 602; carbonaria, 691  
 Ditroyte, 85§  
 Dockum beds, 660  
 Docodon striatus, 767\*  
 Dodo, 54, 1014\*  
 Dedicurus, 1017; clavicaudatus, 1003  
 Dog, 924  
 Doggers of the Oölyte, 775, 776  
 Dolatoerinus, 590  
 Doleryte, 78, 85, 87§  
 Dolichopterus, 557  
 Dolichosaurs, 870  
 Dolichosoma, 693; longissimum, 704  
 Dolomite, 68\*§  
 Dolomitization. See Dolomyte, making of  
 Dolomyte, 78§, 79§; making of, 133, 134, 343, 524  
 Dolphin shoal, 19, 20, 217  
 Dolphins, 912  
 Domatoceras umbilicatum, 691  
 Dombeyopsis obtusa, 839; squarrosa, 839  
 Domitina, 918  
 Donax, 916  
 Dordonian, 859, 866  
 Doropyge, 482  
 Dorycerinus unicornis, 640\*, 646  
 Dosinia, 916; acetabula, 917  
 Dosiniopsis lenticularis, 915; lenticularis var. Meekii, 897\*  
 Double Mountain beds, 660  
 Drainage, antecedent, consequent, superimposed, 203§; reversed, 947  
 — courses, direction of, 177, 388  
 Drepanacanthus, 692; anceps, 692  
 Drepanis Pacifica, 1014  
 Drepanochellus Americanus, 841\*  
 Drepanophycus, 590  
 Drift, 184, 916, 942  
 Drift-sand hills, 94, 161, 162, 213  
 Dripstone, 79§, 131  
 Dromaeus, 54  
 Dromatherium, 754, 763, 773; sylvestre, 754\*  
 Dromopus, 682; agilis, 684\*  
 Dromornis, 1019  
 Drumlins, 942, **970**  
 Drummond Island, 542  
 Dry Creek, Wyoming, 907  
 Dryolestes prisceus, 767\*; vorax, 767\*  
 Dryopithecus, 927  
 Dryptodon, 917  
 Duckbill, 53, 415  
 Dudley limestone, 563  
 Dugong, 925  
 Dundas gorge, 946  
 Dunes, 162§, 265  
 Dunvegan beds (group), 830, 840  
 Dunyte, 89§  
 Dust, transportation of, 159, 195; showers of, 163, 164\*; on glaciers, 235, 241  
 Dwyka boulder bed, 699  
 Dyas. See Permian period  
 Dyke. See Dike  
 Dysaster ovulum, 865  
 Dysintrybyte, 84  
 Dystrophaeus Viemalæ, 758  
 Eager, 212§, 215  
 Eagle, 902  
 — Ford shales, 815, 824, 854  
 — Pass beds, 824, 855  
 — ray, 643  
 Earth, 15 (density), 376 (specific gravity); general contour and surface subdivisions, 15-30  
 Earth as an individual, 9, 10, 393; relation of to the universe, 10; proportion of land and water, 16; system in the courses of feature lines, 35-42, 393  
 —, changes in the ellipticity of its orbit, 254, 255; in the position of its axis of rotation, 255, 346; its circumference shortened in mountain-making, 391; heat reached the surface in three ways, 258  
 Earth, polar diameter maximum and minimum, 1027  
 —, development of, 391, 1027; thickness of the supercrust, 209, 377  
 Earth-shaping, mountain-making, and attendant phenomena, 345-396 (changes of level, 345; disturbed regions, 351; typical mountain ranges, 353; subordinate effects of orographic movements, 369; origin of the earth's form and features, 376)  
 Earth (soil), 75, 76§, 137 (nitrication)  
 Earth-worm, 156, 423  
 Earthquake waves (oceanic), 213, 221, 875  
 Earthquakes, 222, 229, 265, 286, 287, 344, 349, 372-375, 386, 875; cause of exterminations, 877; geological effects, 375; not essential in volcanic eruptions, 286  
 East Indies, 17, 19, 21, 44, 145 (coral reefs); trends of the islands, 38, 39, 40; volcanoes, 295, 296, 297  
 East River, Pietou, 533, 543  
 East Rock dike, 299\*, 302\*, 303, 312, 804, 806  
 Eastern-border life of N. America related to European, 572-573  
 — Interior region of N. America, 576, 578, 633, 636  
 — Sea of N. America, 537, 539, 541, 558, 571, 575, 579, 580, 628, 629, 633, 734  
 Eatonia, 562, 579; medialis, 579; peculiaris, 579; singularis, 560\*, 562  
 Ebb-and-flow structure, 93§\*  
 Ecca beds, 698, 699, 770  
 Eccentricity cycle, influence of, on climate, 254, 978, 1027  
 Ecccylomphalus prisceus, 500  
 Echidna, 53, 415§, 795, 798  
 Echidnids, 59  
 Echinocaris, 599, 615; Beecheri, 621; punctata, 600\*; socialis, 621; Whitfieldi, 621  
 Echinoderms, 59, 130, 140, 144, 158, 418, 419, 427§, 428\*, 429\*, 430; Cambrian, 469, 480; Calciferous, 499, 500  
 Echinognathus Clevelandi, 513\*  
 Echinoids, 428\*§, 429\*, 430§, 525, 641\*  
 Echinospharites, 520, 521  
 Echinus, 157, 427, 428\*§, 429\*, 879  
 Echo, 360\*, 362  
 Echo Cliffs, 363\*  
 Ecologyte, 88§  
 Eephora quadricostata, 899\*, 917  
 Ectacodon, 918  
 Ecuador, 935 (heights)  
 Eddies, 184§  
 Edentates, 54, 919, 924 (first), 927  
 Edestosaurus, 826; dispar, 849\*; velox, 848\*  
 Edestus, 680; giganteus, 680, 681\*; minor, 680, 681\*