

- Decken, M. von, on granite veins in Cornwall, 441; on reptiles in Saarbrück coal-field, 396.
- Do Konfnek, M., cited, 184, 188.
-, on Kleyen Spawen tertiary, 184.
- De la Beche, Sir H., cited, 293, 297, 327.
-, on Carrara marbles, 612.
-, on clay-beds, 329.
-, on clay-ironstone, 386.
-, on coal-measures near Swansea, 359.
-, on fossil-trees, South Wales, 373.
-, on granite of Dartmoor, 593.
-, on mineral veins, 623, 625, 629.
-, on term supracretaceous, 103.
-, on trap of now red sandstone period, 555.
- Delesse, M., analysis of minerals, 475.
-, on basalt, 466.
-, on hypersthene rock, 473.
-, on hypogene limestone, 597.
-, on laterite of Antrim, 471.
-, on pyroxene, 465.
-, on serpentine, 474.
- Deluge, 4.
- Denudation explained, 66.
- of the Weald Valley, 271.
-, terraces of, in Sicily, 75.
-, of volcanic craters, 504, 507.
- Derbyshire, lead-veins of, 627.
- Deshayes, M., identification of shells, 184.
-, on fossil shells in Hungary, 544.
-, on lower eocene shells, 223.
-, on tertiary classification, 115.
-, on upper marine strata, 184.
- Desmarest, on trappean rocks, 91.
- Desnoyers, M., on Faluns of Touraine, 111.
- Desor, M., on glacial fauna in North America, 139.
- Devonian system, term explained, 410.
- series of North Devon, 420.
- series of Russia, 425.
- series of United States, 426.
- Do Waal, M., on Antwerp strata, 173.
- Diagonal, or cross stratification, 16.
- Diatomaceæ* in tripoli, 25.
- Diceras arietinum*, 304.
- Dicotyledonous leaves in lower chalk, 266.
- Didelphys Azaræ* (recent), jaw of, 311.
- Didymograpsus geminus*, *D. Murchisoni*, 442.
- Dike in St. Helena, 523.
- Dikelocephalus Minnesotensis*, 453.
- Dikes at Patagonia in Sicily, 529.
- defined, 6.
- in Scotland, 477.
- of Somma, 526.
-, trappean, crystalline in centre, 476, 488.
- Diluvium, popular explanation of term, 183.
- Dinornis of New Zealand, 165.
- Dinotherium giganteum*, skull of, 176.
- Dinotherium in India, 182.
- Diorite, or greenstone, 467, 472.
- Dip, term explained, 53.
- Diplograpsus folum*, *D. pristis*, 442.
- Dirt-bed of Purbeck, 297, 300.
- Dolerite, or greenstone, 466, 473.
- Dolomite defined, 13.
- Dolomitic conglomerate, 354.
- Domite, or earthy trachyte, 473.
- Doze, M. B. de, on volcanoes of Velay, 552.
- Drift, contorted, near Cromer, 134.
- in Ireland, 137.
- in Norfolk, 132.
-, meteorites in, 151.
-, northern, in Scotland, 130.
-, northern, in North Wales, 136.
- of Scandinavia, North Germany, and Russia, 126.
- period, climate of, 145.
- period, subsidence in, 141.
- shells in Canada, 140.
- Dudley limestone, 435.
-, shales of coal near, 593.
- Dufrénoy, M., on granite of Pyrenees, 593.
- Dufrénoy, M., on Hill of Gergovia, 553.
- Duff, Mr. P., on reptile of old red, 412.
- Dunker, Dr., on Wealden of Hanover, 264.
- Dura Ben, yellow sandstone of, 412.
- Dysaster ringens*, inferior oolite, 315.
- ECHINODERMS of coralline crag, 172.
- Echinosphærites Balhicus*, 440.
- Echinus*, with *Crania* attached, 23.
- Egerton, Mr., on fossils of Southern India, 255.
- Egerton, Sir P., on fish of marl-slate, 353.
-, on fossil fish of Connecticut beds, 349.
-, on fossils of Isle of Wight, 212.
-, on saurians and fish in now red sandstone, 336.
-, on Ichthyosaurs, 322.
- Egg-like bodies* in Old Red Sandstone, 417.
- Eggs, fossil, of snake, 125.
- Ehrenberg, Prof., on bog-iron-ore, 26.
-, on Infusoria, 25.
-, on Silurian foraminifera, 444.
- Eifel, volcanoes of, 533-543.
- Elephant-bed, Brighton, 287.
- Elephas primigenius*, tooth of, 165.
- Elgin, reptile of old red, found near, 412.
- Elvans of Ireland and Cornwall, 629.
-, term explained, 531.
- Encrinite*, plate of, overgrown with *Scrupula* and *Bryozoa*, 307.
- Encrinite of Bradford, 307.
- Encrinus liliiformis*, 334.
- Eocene foraminifera, 227.
- formations, 207.
- formations in England, 208.
- granite, 576.
- strata in France, 194, 222.
- strata in United States, 231.
-, term defined, 115.
-, upper, near Louvain, Belgium, 176.
- volcanic rocks, 553.
- Eppelsheim, *Dinotherium* of, 176, 191.
- Equisetaceæ of coal-period, 364.
- Equisetites columnaris*, 333.
- Equisetum of Virginian oolite, 331.
- giganteum of S. America, recent, 364.
- Equus caballus*, tooth of, 166.
- Erman on meteoric iron in Russia, 151.
- Erratics, Alpine, 146.
-, northern origin of, 128.
- Eschara disticha*, chalk, 243.
- Escharina oceanii*, chalk, 243.
- Escher, M., on boulders of Jura, 149.
- Esteria f.*, Richmond, U. S., 381.
- Etna, deposits of, 523.
- Eunomia radiata*, 306.
- Euomphalus pentagulatus*, 407.
- Euphotide, 473.
- Eurite, 564, 590.
- Eurite porphyry described, 402.
- Extracrinus Briareus*, llas, 324.
- FALUNS of Touraine, 111, 175.
- Faluns, comparison of, and crag, 177.
- Falunian type, distinctness of, from Eocene, 179.
- Falconer, Dr., on Sewallk Hills, 182.
- Falkland Islands, 83.
- Farnham, phosphate of lime near, 251.
- Fascicularia aurantium*, 171.
- Fault, term explained, 62.
- Faults, origin of, 64.
- Favosites Gothlandica*, 435; *F. polymorpha*, 422.
- Faxoe, chalk of, 238.
- Felis tigris*, tooth of, 167.
- Fellxstow, remains of cotæcea found near, 173.
- Felspar, varieties of, 458.
- Fenestella retiformis*, 352.
- Ferns in coal-measures, 301.
- Fife, altered rock in, 481.
- Fifeshire, trap-dike in, 557.
- Fish, oldest, in Upper Ludlow, 481.
- Fishes, fossil, of Upper Cretaceous, 249.
- of Brown-coal, 540.