Chemical reactions on primeval earth, 59. Conglomerate of coal-measures, 153. Chemung rocks, position of, 128. as an oil-reservoir, 293. Chicago, geology of, 125, 264. artesian wells, 280. " oil-stained church, 280. tunnel, 440. Chili, changes on the coast of, 23, Chimney Rock, Mackinac Island, 248. Christian fathers on catastrophes, 382. Christianity bound to appropriate science, 47. Christol on primeval man, 355. Christy on primeval man, 358. Cicero on secular destructions, 386. Cimoliosaurus, 190. Cincinnati, geology of, 82, 162, 340. paved with boulders, 221. group as a source of oil, 289. Cisterns, subterranean, 232, 233. Class modifications, 103. Class-groups, succession of, 316. Classification of strata, 437. Clay's monument, 125. Clepsysaurus Pennsylvanicus, 178. Cleveland, geology of, 129, 165. Cliff limestone, 127. Climate of Mesozoic times, 197. modified by lake influence, 225. of Northern Michigan, 226. Climatic changes since man's advent, 361. Clothing of primeval man, 365. Club-mosses, fossil, 148, 156. Clymenia, character of, 119. Clymenia Sedgwicki, 116. Coal, how preserved, 160, 310. not the source of petroleum, 276, 280. Coal-beds, 143, 156. making, process of, 153, 310. measures, location of, 136, 155. .. section of, 139. " 66 thickness of, 155. 66 66 as a source of brine, 296, 305. Coal mine, excursion in, 139. explosion in, 144. 66 mining, 143. 66 oil, 282. period, scenery of, 149, 150. pipes, 158. 44 plants, 147. uses of, 151. Cobble-stones, 222 utility of, 265. Coger's Ferry, Kentucky, 344. Colorado River, denudation by, 345, 346, Colorado River, canons of, 345. salt rocks, 305. Columbus, Ohio, 94, 126, 165. Kentucky, 255. Comets not fuel carriers, 409. approaching the sun, 418. Composaurus, 176. Comprehensive types, 318. Comte on precipitation of planets, 421. Cone of the Tinière, 368.

a reservoir of brine, 301. 305. Conglomerates, how formed, 133, 153. Connecticut River sandstone and tracks, Constitution of sun and stars, 425. Contemporaneousness of man and extinct animals, 355. Continent, American, germ of, 73, 74, 309.
"marked out, 95, 310. 66 66 section across, 95. " " hydrography of, 96. .. at end of Silurian, 123. Continent, American, in coal-measure times, 149. Continent, American, at end of Paleozoic Time, 162. Continent, American, in Reptilian Age, Continent, American, at end of Mesozoic Time, 200. Continent, the old, renovated, 219. Continents formerly submerged, 25. " wearing out, 400. Continental lagoon, 94. growth, 95, 152, 195. " unity of, 307. development, variation in, 213. Continental shores, ancient, 224. Convergence of ideas in man, 373, 375. Cook, George H., on buried timber, 257. Cooling of the earth, 50, 402. sun, 408, Cope, E. D., on reptiles, 183, 190. Copper, Geology of, 84. as a boulder, 220. how made accessible, 334. range, Lake Superior, 85. Coral animals, succession of, 326. reefs of Florida, 231. Cordier on the temperature of the earth, Corn long buried at Windsor, Conn., 256. Corniferous limestone, 126. mass, 136. " . 66 and petroleum, 277, 278, 289, 290. Cornwall copper mines, 439. Cosmical machine, 394. matter in space, 410. Cosmogonies, ancient, 382, 383. Creation in Aztec mythology, 387. Creator. See "Deity" and "God." Cretaceous age and reptiles, 189. brine, 306. Crinidians, 316. Crocodilians, Cretaceous, 191. Cromlechs, 352. Crust of earth partly of aqueous origin, Crust, first appearance of, 50. wrinkles forming in, 53. Crustacean type unfolded, 317. Crustaceans, 316. successive types of, 326.