

the Loire and Gironde and those of the James river and other estuaries in the United States which lie ten degrees of latitude farther south than the French fa-luns, the latter being in the 47th, while the American strata of the same age are in the 37th of north latitude. This circumstance may probably be accounted for by curves in the isothermal lines similar in their prolongation east and west, to those now existing as pointed out by Humboldt, in his essay on Climate.