

citing and directing inquiry. In proportion as the philosophy of chemical, mechanical, and vital phenomena advances, so the interpretation of geological phenomena expands ; and if at any time the leaders of geology have substituted conjecture for induction — a dogma for a dictum — they were then offending not so much geology as chemistry, physiology, and astronomy ; and by these have they been justly condemned. Would that this warning might suffice to keep many hands to the sketch book and hammer, which they know well to use ; and prevent them from attempting, without adequate knowledge, to aid in the progress of geological theory.