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THE CONCURRENCE AND INTERRELATION OF VOLCANIC AND SEISMIC PHENOMENA.¹

THE noteworthy occurrences that have latterly so largely engaged the attention of vulcanologists and seismologists, and so deeply impressed the world with the sense of insecurity that attaches to life upon a still unstable planet, make perhaps pertinent at this time a re-inquiry into some of the general phases of the phenomena as they are thought to be known to us. In announcing certain conclusions in this paper which are at variance with the views held by seemingly the greater number of geologists, or at least the specialists in the fields of inquiry which the paper touches, the author recognizes that the facts or data bearing out his conclusions may be thought by some to be presumptive rather than positive; but, whether so or not, he believes they are of a kind that must be taken account of in whatever phase the inquiry is pursued, and that they are at least of equal value with those that are assumed to uphold the opposed or generally received conclusions.

The two most important contributions to our knowledge of volcanic and seismic

¹Paper read before the Tenth International Geological Congress, held in the City of Mexico, September 6, 1906.

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