



XI. *An Experimental Investigation into the Flow of Marble.*

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I. INTRODUCTION.

THAT rocks under the conditions to which they are subjected in many parts of the earth's crust become bent and twisted in the most complicated manner is a fact which was recognised by the earliest geologists, and it needs but a glance at any of the accurate sections of contorted regions of the earth's crust which have been prepared in more recent years to show not only that in many cases even the hardest rocks have been folded, but that there has often been a marked transfer or "flow" of material from one place to another in the folds. While, however, these facts are undisputed, the manner in which this contortion, with its concomitant flowing, has taken place is a