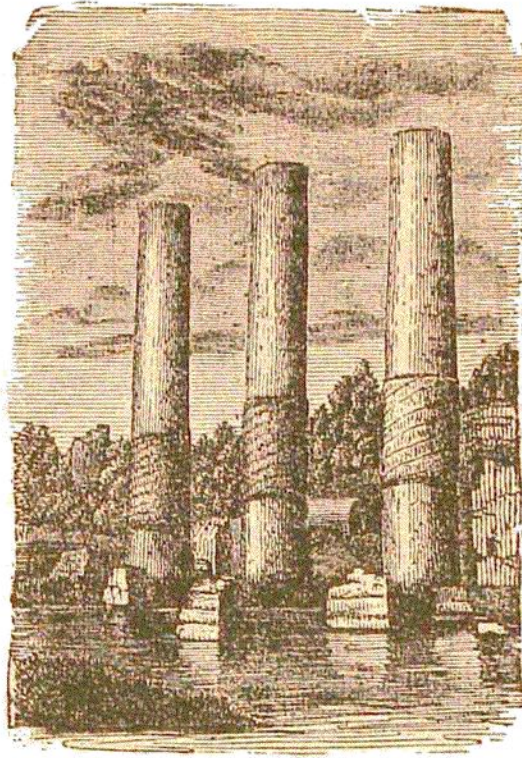


Fig. 127.

*Temple of Jupiter Serapis.*

FOLDING OF STRATA.

The energy exerted in raising vast tracts of land has produced the foldings in the strata described in Section I. These flexures are of three kinds. When both sides of the curve, or anticlinal axis, are inclined at the same angle, the flexure is said to be *symmetrical*. Fig. 128 represents the *normal* and most common of the curves. It is the direct result of a lateral force crowding the strata. If the lateral force continues to act after the formation of the normal flexure, it will make both sides steeper, until the side most remote from the lateral force is bent under the other, as in Fig. 129. This is the *folded* flexure.

Fig. 128.



Fig. 1



It is a curious fact that in the continental elevations adjoining the oceans, there is a succession of these three kinds of flexures.