

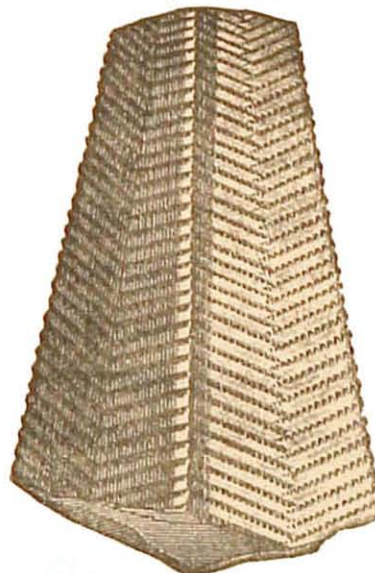
not be found in the rocks, but there are many forms in the rocks unknown to the architect. Nor are the spire-like shells less remarkable for the rich and varied style of their ornamentation than the whorled ones. They are spires, pinnacles, turrets, broaches ; ornate, in some instances, beyond the reach of the architect, and illustrative, in almost all, of his happiest forms and proportions. We detect among the fossils the germs of numerous designs developed in almost every department of art ; but merely to enumerate them would require a volume. One form of the old classic lamp was that of the nautilus ; another, that of *Gryphæa incurva* ; the zig-zag mouldings of the Norman Gothic may be found in the carinated oysters of the Greensand ; the more delicate frettings of similar form which roughened the pillars of a somewhat later age occur on *Conularia* and the dorsal spines of *Gyracanthus*. The old corals, too, abound in ornamental patterns, which man, unaware of their existence at the time, devised long after for himself. In an article on calico printing, which forms part of a recent history of Lancashire, there are a few of the patterns introduced, backed by the recommendation that they were the

Fig. 105.



MURCHISONIA BIGRANULOSA.
(Old Red Sandstone.)

Fig. 106.



CONULARIA ORNATA.
(Old Red Sandstone.)