

The pentagonal stems also display many modifications; some have five, others but four angles (*Lign.* 69, figs. 7, 9.). In some the angles are acute, in others rounded. Several varieties are figured in *Lign.* 69, and in *Wond.* Tab. 114. The circular, or pentagonal channel formed by the united ossicula of the column, has given rise to the curious fossils called, in Derbyshire, *Screw*, or *Pulley-stones*, which are flint casts of these cavities. They occur in the beds of chert, which are interstratified with the mountain limestone; the siliceous matter, when fluid, filled up the channels, and invested the stems: the calcareous substance has since been dissolved, and removed, and solid cylinders of flint, resembling a pulley (*Wond.* p. 377.), remain. The masses of chert are often impressed with the ornamented articulating surfaces of the ossicula, or trochites. In the quarries on Middeton Moor, near Cromford, Derbyshire, where extensive beds of limestone, composed of crinoideal remains, are worked for chimney-pieces, and other ornamental purposes, beautiful examples of these fossils may be obtained. The cavities of the column and ossicula are often filled with white calcareous spar; while the ground of the marble is of a dark reddish brown colour. In other varieties of the Derbyshire entrochal limestones, the substance of the fossils is white, and the ground dark grey or brown; both kinds, when worked into ornaments, are very beautiful and interesting. Specimens,