

Fig. 102.



Fig. 103.



Fig. 104.



WHORLED SHELLS OF THE OLD RED SANDSTONE. *

amples in the capitals of the Ionic, Corinthian, and composite orders. In what is known as the modern Ionic the spiral of the volute is not all on one plane ; it is a Euomphalus : in the central volutes of the Corinthian the spiral is an open one ; it is a Lituite or Gyroceras : in the ancient Ionic it is either wholly flat, as in Planorbis or the upper side of Maclurea, or slightly relieved, as in the ammonites. There is no form of the volute known to the architect which may

* Fig. 102, *Clymenia Sedgwicki* ; fig. 103, *Gyroceras Eifelensis* ; fig. 104, *Cirrus Goldfussii*.