

It is a curious fact, that contrivances, similar to those which existed in some of the most early forms of Ammonite, should have been again adopted in some of the most recent species of fossil Nautili, in order to afford similar compensation for weakness that would otherwise have been produced by aberrations from the normal structure of the genus Nautilus. All this seems inexplicable on any theory which would exclude the interference of controlling Intelligence.

SECTION VI.

CHAMBERED SHELLS ALLIED TO NAUTILUS AND AMMONITE.

WE have reason to infer, from the fact of the recent *N. Pompilius* being an external shell, that all fossil shells of the great and ancient family of Nautili, and of the still more numerous family of Ammonites, were also external shells, inclosing in their outer chamber the body

and of *N. Zic zac*; like them also the margin was simple and destitute of fringed edges. The *A. nodosus* (Pl. 40, Figs. 4 and 5.), which is peculiar to the early Secondary deposits of the Muschel-kalk, offers an example of an intermediate state, in which the fringed edge is partially introduced, on the descending or inward portions only, of the lobated edge of the transverse plates.