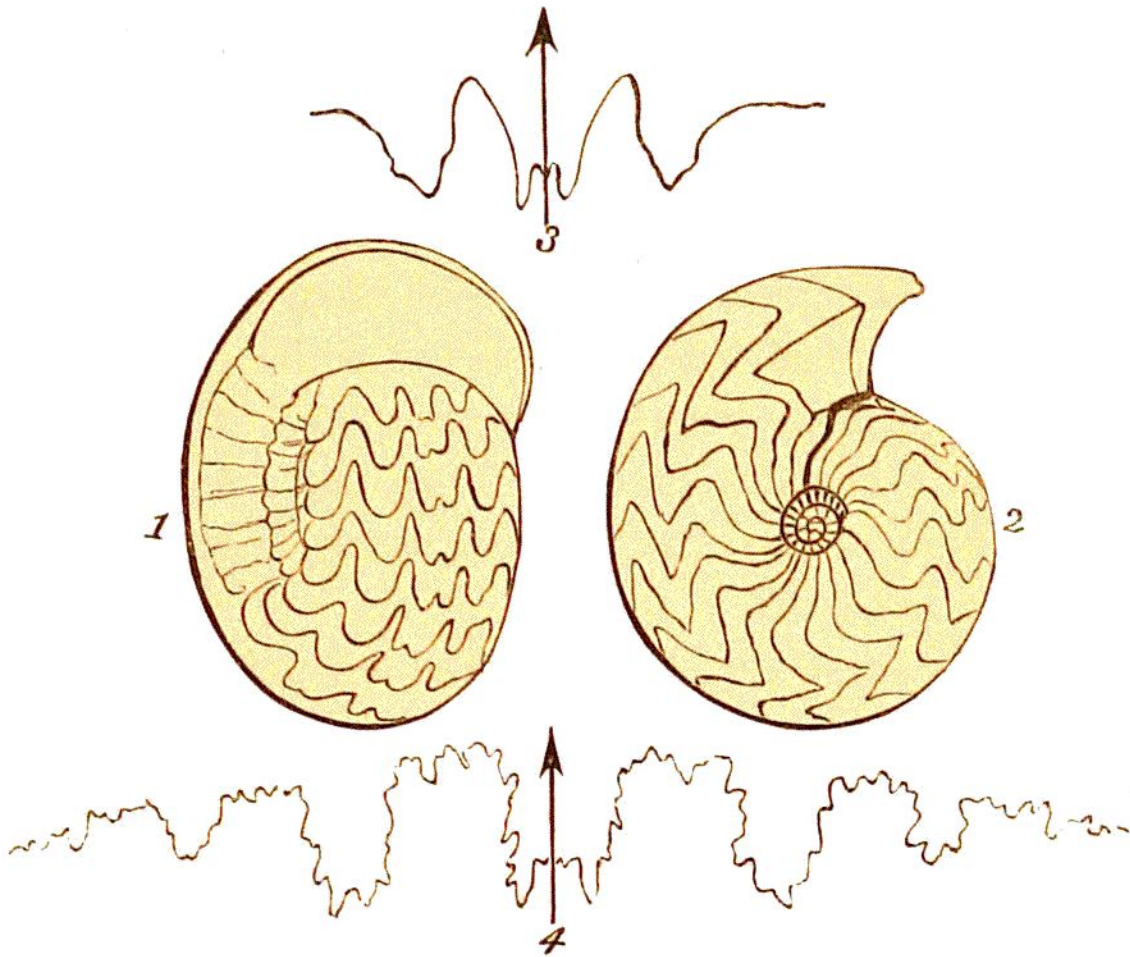


in the upper division of the Chalk; and the Chalk-marl (*Wond.* p. 313.), species not discovered in other strata. Certain Ammonites of the Lias are



LIGN. 108.            GONIATITES.    *Carb. and Sil. Syst.*

Fig. 1.—GONIATITES LISTERI.

2.—GONIATITES STRIATUS.

3.—Outline of a septum of a *Goniatite*.

4.—Outline of a septum of *Ammonites venustus*.

The *Arrows* in figs. 3 and 4 denote the dorsal line.

peculiar to that formation (as *A. Walcotii*, *Lign.* 91, fig. 7, p. 388.); and I have casts of this species from strata of the same epoch, from the Himalaya mountains, several thousand feet above the level of the sea.