

covery, and none of them could be recovered. Fragments of the claws, &c. of marine crustacea, of the crab or lobster families, occur in the inferior oolite at Dundry, and in the marly sandstone in the north of Oxfordshire. The Testaceous remains (as far as they have been hitherto figured) of these beds will be found in the following list. The species, in the column assigned to the inferior oolite, which have an asterisk prefixed, have all been found in the quarries of Dundry hill near Bristol.

The disposition of these remains in the inferior oolite is thus stated by Townshend. The lowest bed is distinguished by its abundant casts of ribbed and studded *Trigoniæ*; immediately over this is a hard and compact coral bed containing large specimens of *Madrepora cinerascens*; and then succeeds the superior bed, abundantly charged with the other fossils of the following list.

We have not distinguished the organic remains of the sand next below the inferior oolite, since they are few, and mostly the same with those of the oolite.

The fossils of the lowest members of this sand and sandstone, where they touch and gradually pass into the upper lias marle, will be found under the column, Marly Sandstone; we have not however incorporated those assigned to the marlestone by Mr. Smith, since he states that there exists great difference between the various beds of this marle in this respect, and we incline to believe that he includes under this name our marly sandstone and upper lias marle. This point cannot be determined till the publication of his "*Strata Identified, &c.*" has proceeded further; the fossils placed by us in this column have all been found in the north of Oxfordshire and the adjacent district, where these beds are displayed in the most striking manner. They mostly come from the bottom beds of the green micaceous sandstones which rests on a cream-coloured marle, introducing the upper members of the lias clays: the terebratulæ however characterise the upper beds of this green sandstone at the foot of the browner sands.

CHAMBERED UNIVALVES.

| <i>Fullers' Earth.</i> | <i>Inferior Oolite.</i>         | <i>Marly Sandstone.</i>   |
|------------------------|---------------------------------|---------------------------|
| <i>Ammonites</i>       | * <i>A. discus.</i> T. 12.      |                           |
| <i>A. modiolaris.</i>  | <i>A. concavus.</i> T. 94.      |                           |
| Smith, fig. 2.         | f. 1.                           |                           |
| It may be doubted      | * <i>A. elegans.</i> T. 94.     | <i>A. elegans.</i> T. 94. |
| however whether        | <i>A. jugosus.</i> T. 92. f. 1. |                           |
| this does not rather   | * <i>A. Banksii.</i> T. 200.    |                           |