

probably a coral reef. It contains among other shells many univalves which are unknown or rare in the Chalk, such as *Cypræa*, *Oliva*, &c., and along with these *Baculites* and *Belemnitella*, both unknown in European Eocene strata, though the latest intelligence from Australia tells of a Belemnite in certain late Tertiary strata there. Overlying the common white Chalk, this Faxoe formation by its fauna also seems to be intermediate in date to the ordinary Cretaceous and Eocene strata.

But without such data as these it is evident to any reflective mind, that a great gap in time, unrepresented by any sedimentary formations in England, took place in our area between the deposition of the latest bed of English Chalk, and that of the earliest Eocene stratum, for, excepting a few Foraminifera, the species found in the Chalk seem all to have been remodelled before our Eocene epoch began, in so far that palæontologists recognise none of the species as identical, and before the days of Darwin they would generally have been spoken of as new creations.