

*Pentacrinites*, fragments of *Echinodermata*, *Pectens*, *Aviculæ*, *Terebratulæ*, &c. In it occurs the *Bradford clay*, in which is found the beautiful Crinoid, *Apiocrinites rotundus*, and also *Terebratula digona*, and many fragments of Coniferous wood.

On the south coast the Forest Marble borders the sea for a considerable distance between Bridport Harbour and Portland Isle, from whence it ranges north by Wincanton to Frome in Somersetshire. A few miles further north, the Great Oolite proper crops from underneath it near Norton St. Philip, and beyond this town and Bath it everywhere overlies the Great Oolite, and forms the surface of vast tracts of country between the Avon, Cirencester, and Burford, in Gloucestershire, beyond which, towards Witney, on the river Windrush, it gets broken into outliers, and also becoming thinner, it either dies out, or is gently overlapped by the Cornbrash about three miles north of Bicester in Oxfordshire.

The CORNBRAH forms the uppermost member of those formations that are usually classed as Lower Oolite. It is generally of inconsiderable thickness (15 to 100 feet), and beginning in Dorsetshire between Bridport and Weymouth, it ranges at the surface all across that county, excepting where overlapped by the Cretaceous strata between Abbotsbury and the neighbourhood of Evershot. It is remarkably constant, striking with the underlying and overlying strata all through Wiltshire, Gloucestershire, Oxfordshire, and Northamptonshire, and onward into Lincolnshire; but north of the Humber it disappears for a space, being again overlapped by unconformable Cretaceous strata.

Throughout all this long range it retains in a