

The Echinoderms and Polyps appear in great numbers in the deposits of the Lower Oolite: *Apiocrinus elegans*, *Hyboclypus gibberulus*, *Dysaster Endesii* represent the first; *Montlivaltia caryophyllata*, *Anabacia orbulites*, *Cryptocenia bacciformis*, and *Eunomia radiata* represent the second.

This last and most remarkable species of Zoophyte presents itself

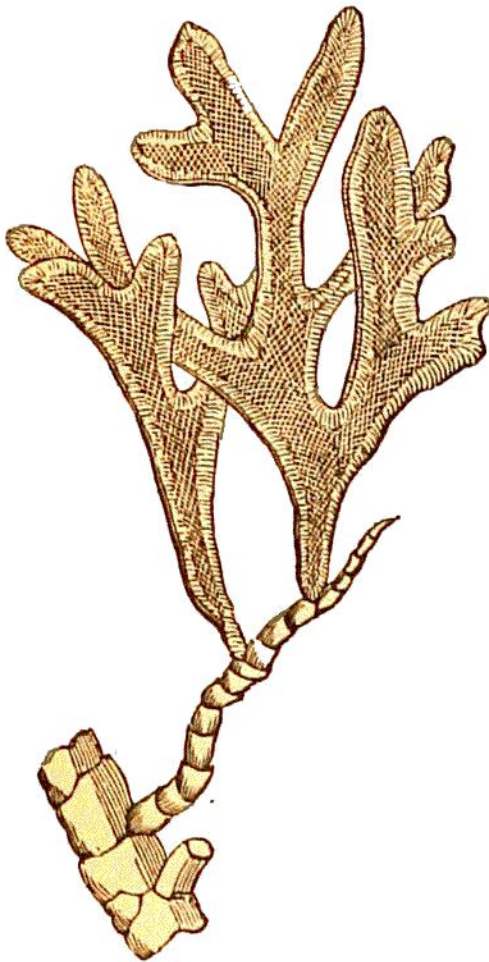


Fig. 115.—*Adeona folifera*.  
(Recent Polyzoa.)



Fig. 116.—*Cellaria loriculata*.  
(Recent Polyzoa.)



in great masses many yards in circumference, and necessitates a long period of time for its production. This assemblage of little creatures living under the waters but only at a small depth beneath the surface, as Mr. Darwin has demonstrated, has nevertheless produced banks, or rather islets, of considerable extent, which at one time constituted veritable reefs rising out of the ocean. These reefs were principally constructed in the Jurassic period, and their extreme abundance is one of the characteristics of this geological age. The same phenomenon continues in our day, but by the agency of a new race of