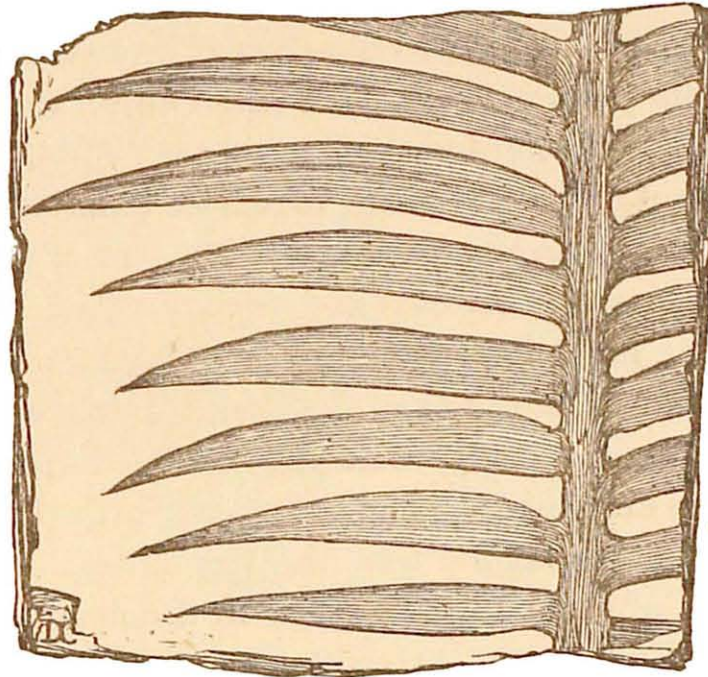


Fig. 36.

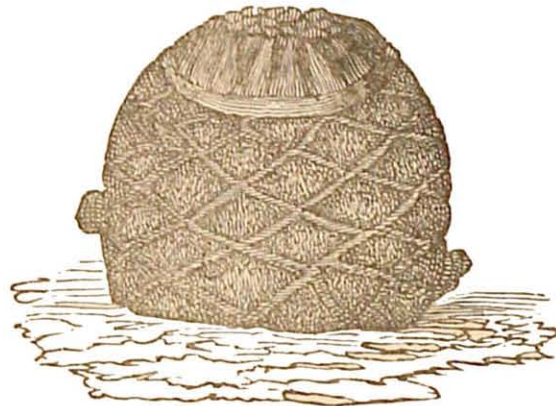


ZAMIA FENEONIS.
(Portland Oolite.)

appear in this flora for the first time. Its coniferous genera, too, receive great accessions to their numbers, and begin to resemble, more closely than at an earlier period, the genera which still continue to exist. The cypresses, the yews, the thujas, the dammaras, all make their earliest appear-

ance in the flora of the Oolite. Among our existing woods there seem to be but two conifers (that attain to the dignity of trees) indigenous to Britain,—the common yew, *Taxus baccata*, and the common Scotch fir, *Pinus sylvestris*; and yet we know that the latter alone formed, during the last few centuries, great woods, that darkened for many miles together the now barren moors and bare hill-sides of the High-

Fig. 37.



MANTELLIA NIDIFORMIS.
(Portland Dirt-bed.)