

there seems to be only one species, and that found both in the lower part of the lias and upper part of the trias. It had quite large reticulated fronds radiating from a center, like some tropical ferns of the present day; an example of which may be seen in Fig. 229. In Fig. 272 we present a small portion of a frond of this *Clathropteris* found in East Hampton, Massachusetts, by Edward Hitchcock, Jr.

Fig. 273 shows a fern, the *Coniopteris Murrayana*, with a part of the frond magnified, showing fruit—a very unusual occurrence. This is an oolitic plant.

Fig. 273.



*Coniopteris Murrayana.*

*Animals.*—Of corals we present only one. Fig. 274 shows the *Prionaster oblonga*.

The bivalves and univalve shells are very abundant in this formation. We pass by all except the Cephalopods which have an immense development in the Oolite. These have already been