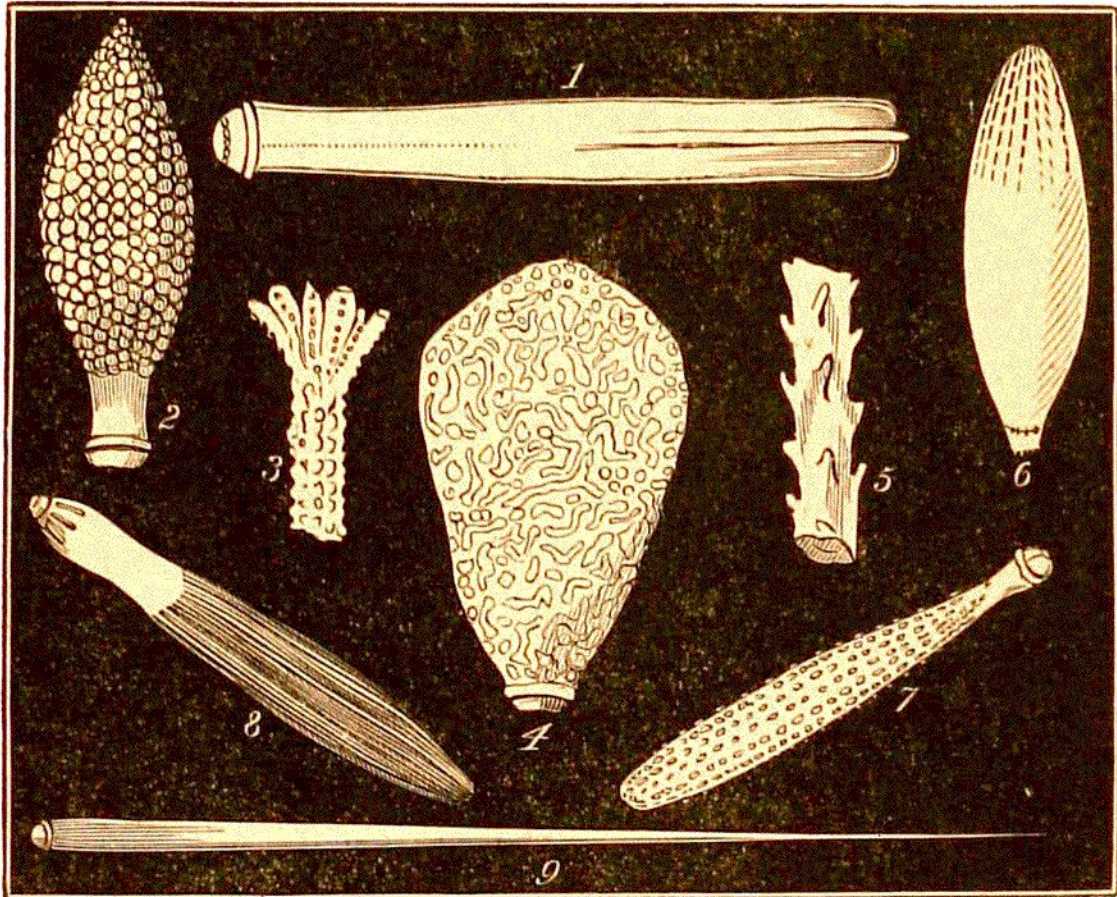


I have selected a few spines of different species of the Turban Echinites, or Cidarites, to serve as objects of comparison; they are figured in *Lign.* 78.



LIGN. 78.

FOSSIL SPINES OF CIDARITES.

Fig. 1.—Spine of *ACROCIDARIS nobilis* (*Agassiz*).

2.— *CIDARIS cucumifera*.

3.— *stemmacantha*.

4.— *meandrina*.

5.— *spinosa*.

6.— *clunifera*.

7.— *cretosa*.

8.— *Parkinsoni*.

9.— *sceptriifera*.

GALERITES (*cap-shaped Echinite*) *CRETOSUS*.
Lign. 79.—The *Galerites* are only known in a