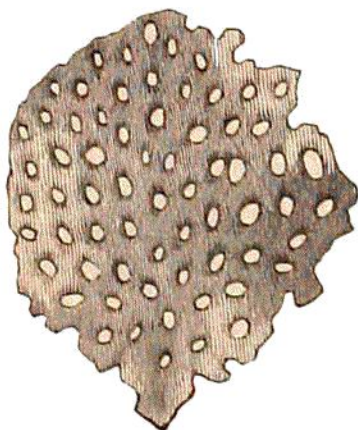


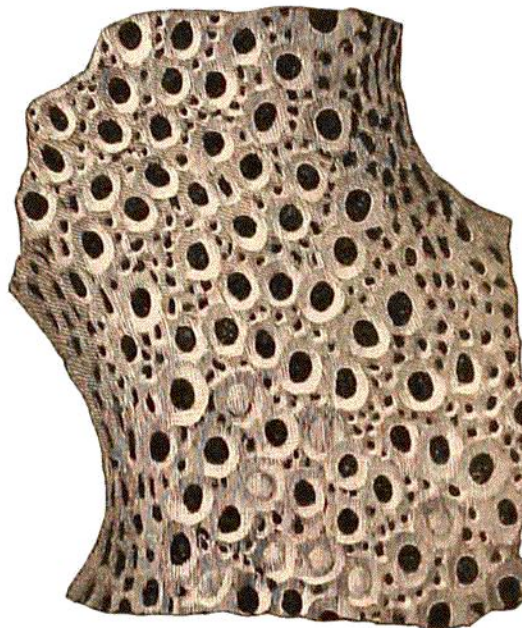
obtained in the beds of Cincinnati of the Hudson period, and in part differ somewhat in habit from those of the Trenton limestone.

652-655.

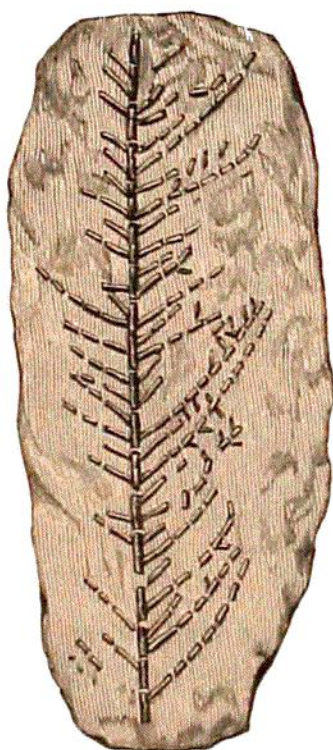
652.



653.



654.



655.



BRYOZOANS. — Fig. 652, *Stictoporella cribrosa* (1); 653, *Stictoporella cribrosa* (18); 654, *Arthroclema Billingsi* (1); 655, *A. cornutum* (7). Ulrich.

6. Mollusks. — Some of the Lamelli-branches are figured in Nos. 670-672, and also 709-712 (page 511); and Gastropods in Figs. 673-681. Fig. 673 represents a *Raphistoma*; 674, 675, species of the genus *Murchisonia*; 677, 678, a *Bellerophon* in different views; and 679-681, species of the related genus *Cyrtolites*, symmetrical shells of swimming Mollusks, related to the modern *Atlantis* (Heteropods).

Pteropods were represented by species of *Pterotheca*, and of *Conularia*; in the latter, the shell admits of some movement along vertical sutures (Fig. 682).

A few of the shells of Cephalopods are represented on page 508: Fig. 683, *Orthoceras junceum* H.; the cross-lines representing the partitions or septa, and Fig. a, a transverse section, showing the position and size of the siphuncle. Fig. 685, part of the shell of *Actinoceras Bigsbyi* of Bronn (1837); the whole length of the shell when entire was over a foot; the view is of a section showing the large beaded siphuncle within; 686, *Cyrtoceras subannulatum* D'Orb.; and 687, 688, species of *Trocholites*, *T. undatus* and *T. Ammonius* of Conrad. In another genus, *Endoceras*, from the Black River limestone, some specimens have a diameter exceeding a foot, and a