

2. TRENTON PERIOD.

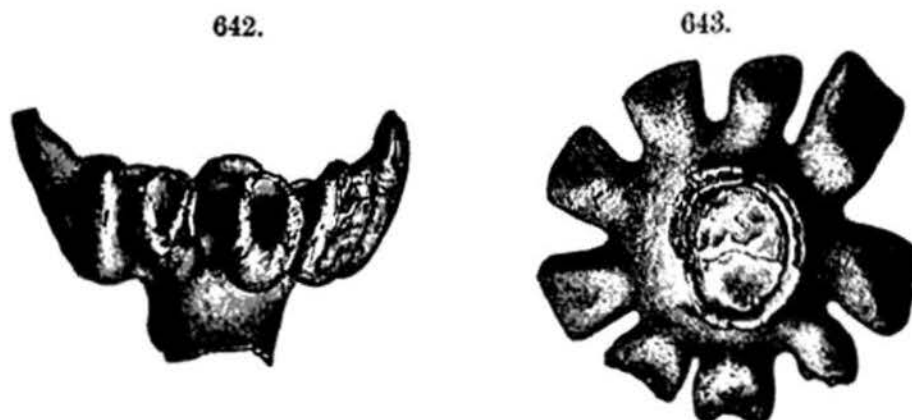
1. Trenton Epoch.

PLANTS. — Two of the forms referred to Algæ or Seaweeds are here represented. They are much like the so-called Fucoids of earlier and later time; but whether of vegetable origin is questioned.



ALGÆ. — Fig. 640, *Buthotrephis gracilis*; 641, *B. succulens*. Hall.

Specimens of supposed *terrestrial* plants have been reported from the Cincinnati beds of Ohio and Kentucky; but no certain evidence from fossils of vegetation over the land had been found up to the year 1894.



SPONGE. — *Brachiospongia digitata*. Beecher.

ANIMALS. 1. **Spongiozoans.** — A large branching Hexactinellid Sponge, *Brachiospongia digitata*, from the Trenton of Kentucky and Tennessee, is represented in different positions in Figs. 642, 643. The number of short branchings varies from 8 to 12, and specimens having 12 are sometimes $10\frac{1}{2}$ inches in diameter.

2. **Hydrozoans** are represented by Graptolites (647, *a*) and Stromatoporids.

3. **Actinozoans** comprise Cyathophylloid Corals like Fig. 644, *Streptelasma corniculum* H.; and tabulate Corals as *Columnaria alveolata* H., — the term *tabulate* referring to the horizontal partitions seen in vertical sections of the columnar cells (Fig. 645).