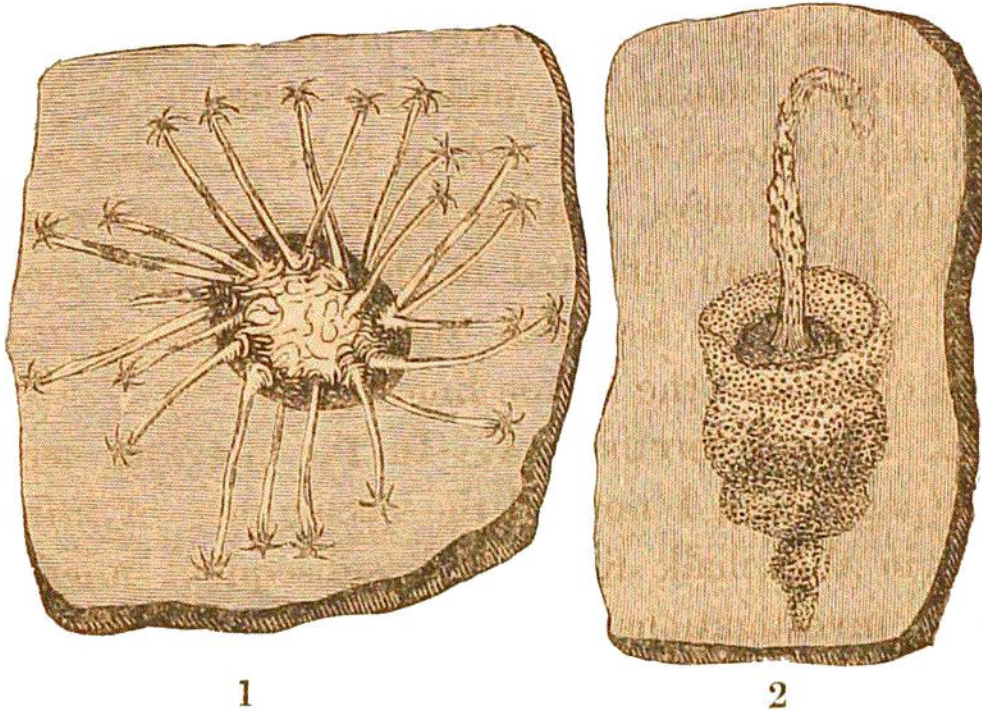


sisted eye, the microscope displays to us as remains of the highest importance.

The drawings which I place before you (Tab. 107, figs. 1, 2,) represent these fossils magnified



TAB. 107.—INFUSORIA AND ZOOPHYTE IN FLINT.

(By the Rev. J. B. Reade.)

Fig. 1. *Xanthidium tubiforme*. 2. Zoophyte with the polype protruded from its cell; magnified 500 times.

500 times linear. The specimen, fig. 2, you will at once recognise as the cell of a zoophyte with the polype protruded, the animal, like the fishes in the chalk (page 331), having been surrounded and entombed in the mineral matter, while alive and in activity; with the exception of the tentacula, which appear to have perished, the entire form and structure are preserved. The infusorial animal, fig. 1, is in a state of preservation equally