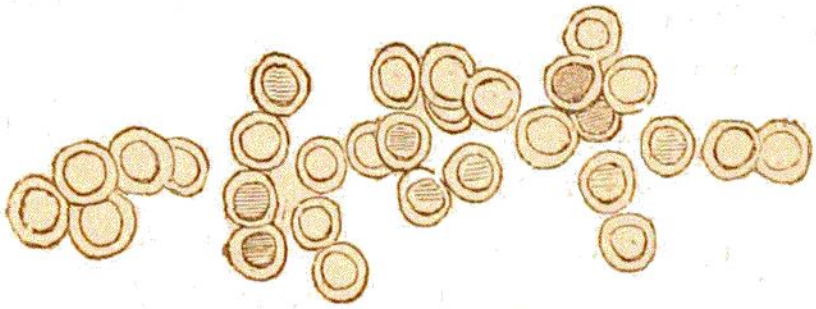
sea," entirely consisted of shields of infusoria *(naviculæ)*. The semi-opal, and the tripoli of the tertiary deposits, are wholly composed of the fossil remains of this class of animals. In the secondary formations, we have seen that they are equally abundant.* Ehrenberg also distinctly states, that while in the instances above mentioned, there cannot be the least doubt of the nature of the organic remains, in the semi-opal of the serpentine formation of Champigny, and in the precious opal of the porphyry, he has detected bodies so exactly similar, that although at present he hesitates positively to affirm that they are organic, he can scarcely entertain any doubt upon the subject.



TAB. 152.—FLAT CIRCULAR BODIES IN MICA SCHIST.

Corresponding in size and appearance with the rings of gaillonella distans; magnified about 500 times linear.

(By Rev. J. B. Reade.)

I will now place before you Mr. Reade's remarks and drawings of the apparently organic bodies in mica schist (Tab. 152), and which, from their

* See Appendix N. & O.