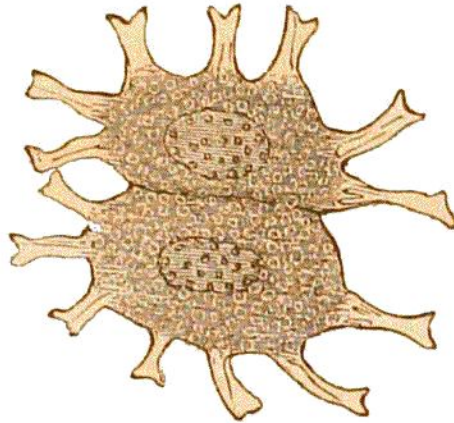


perfect. It closely resembles the recent *Xanthidia** (Tab. 108), which are animalcules having a silicious case or shield, beset with spines or tubes, which are exquisitely displayed in the fossil before before us.



TAB. 108.—XANTHIDIUM FURCATUM, a recent infusorial animal; magnified 300 times linear.

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

The *Gaillonellæ* † are another family of infusoria whose remains abound in flint and opal, and which are so minute that forty-one thousand millions of their skeletons would occupy but a cubic inch. They consist of a simple silicious, cylindrical, or globose shield, arranged in a longitudinal series, appearing like a tubular chain, as shown in this drawing of some recent specimens (Tab. 109). These animalcules increase by self-division, and the chain-like appearance arises from the separation not being complete; their powers of reproduction are so

* See Appendix N.

† Named from Gaillon, a French naturalist. See Appendix O.